

TEST REPORT

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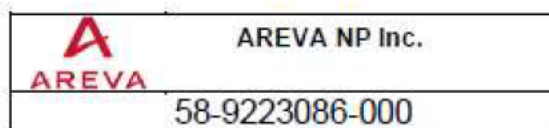
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RENDERED TO

AREVA NP Inc.

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PRODUCTS EVALUATED: Unifrax Fiberfrax® Durablanket® S, Dow Corning® Sylgard® 170 Silicone Elastomer , Quantum Silicones QSi 5558MC Silicone Elastomer, Dow Corning® 732 Multi-Purpose Sealant and Dow Corning® 790 Multi-Purpose Sealant

EVALUATION PROPERTY: Pressure Resistance (Pressure Test 7)

Report of Testing pressure resistance capabilities for compliance with the applicable requirements of AREVA NP Inc. Test Plan, Document No. 51-9206196-001

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2 Introduction

Intertek Testing Services NA (Intertek) has conducted testing for AREVA NP Inc., on the pressure resistance capabilities of Unifrax Fiberfrax® Durablanket® S (Durablanket), Dow Corning® Sylgard® 170 Silicone Elastomer (DC-170), Quantum Silicones QSil 5558MC Silicone Elastomer (QSil 5558MC), Dow Corning® 732 Multi-Purpose Sealant (DC-732) and Dow Corning® 790 Multi-Purpose Sealant (DC-790) through a 12" thick concrete deck for compliance with the applicable requirements of and in accordance with AREVA NP Inc. Document No. 51-9206196-001, *Detailed Test Plan for Conducting MOX Pressure Test 7*. This evaluation took place on September 30, October 1 and October 7, 2013.

This project was undertaken to evaluate the pressure resistance capability of silicone elastomers and sealants to seal gaps or joints at the air pressure increments above atmospheric pressure.

3 Test Samples

3.1 SAMPLE SELECTION

The sealant materials were not independently selected for testing; they were supplied by AREVA NP, Inc., and were received in several shipments from June 13 to September 9, 2013. The samples were received with Certificates of Conformance and are considered traceable. Basic information on sealant material(s) is presented in the table below.

| Sealant Material | Lot /Batch# | Expiration Date |
|------------------|-----------------|-----------------|
| DC-170 | 063B02 | 6/30/2014 |
| QSil 5558MC | 130606 | 6/14/2014 |
| Durablanket S | 32039 764521000 | N/A |
| DC-732 | 0007251823 | 5/29/2015 |
| DC-790 | 0007390959 | 4/24/2014 |

Information regarding receiving dates and origin can be found in Appendix F: Quality Documents. All samples were received in good condition at the Evaluation Center.

3.2 SAMPLE AND ASSEMBLY DESCRIPTION

The test deck was used to simulate a confinement zone or HVAC boundary in which the penetration seal assemblies may be installed. The test deck was not considered an integral part of the penetration seal assembly being tested and therefore was not intended to replicate MOX-specific plant conditions and not considered integral in bounding the performance of the penetration seal assemblies (e.g., concrete blend, compressive strength, rebar size and spacing). The test deck was constructed of normal weight reinforced concrete.

Openings cast into the test deck simulated certain features consistent with MOX penetrations (e.g., painted or coated interior finishes, beveled edges, etc.) as defined by detailed Test Plan drawings contained in Appendix A.

A detailed description of each penetration can be found in Appendix D, AREVA NP Inc. Engineering Information Record, Document No. 51-9206196-001. Included in that document is a table of revision history with a description of changes made to the approved plan. The installation and documentation of penetration seal assemblies contained within the test slab was performed by AREVA under AREVA's Quality Assurance Program [Reference 12.4 in the test plan found in Appendix D.

The test deck consisted of a 12" thick concrete slab measuring approximately 96" x 96" (8' x 8'). Within the slab there were four (4) 36" x 1" openings. One side of each opening had a 3/4" bevel. Details for the four penetrations are provided in the descriptions below. All of the penetrations were unlined (bare concrete). The test deck was horizontally oriented with a hemispherical 72" diameter steel pressure vessel mounted on each side of the precast opening in the slab. There were four openings sealed and tested in Pressure Test 7.

- Penetration P1: A 36" x 1" precast opening. One side of the opening had a 3/4" bevel, the other side of the opening was not beveled. Both sides of the opening were sealed using 3/4" depth Dow Corning® Sylgard® 170 Silicone Elastomer (DC-170) backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.
- Penetration P2: A 36" x 1" precast opening. One side of the opening had a 3/4" bevel, the other side of the opening was not beveled. Both sides of the opening were sealed using 3/4" depth Quantum Silicones QSil 5558MC Silicone Elastomer (QSil 5558MC) backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.
- Penetration P3: A 36" x 1" precast opening. One side of the opening had a 3/4" bevel, the other side of the opening was not beveled. Both sides of the opening were sealed using 3/4" depth Dow Corning® 732 Multi-Purpose Sealant backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.
- Penetration P4: A 36" x 1" precast opening. One side of the opening had a 3/4" bevel, the other side of the opening was not beveled. Both sides of the opening were sealed using 3/4" depth Dow Corning® 790 Silicone Building Sealant backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.

4 Testing and Evaluation Methods

The Test Plan in Appendix D defines the test methods, acceptance criteria and test report documentation requirements for penetration seal Pressure Test 7. Additionally, the detailed Test Plan defines the roles and responsibilities of MOX Services, AREVA, the selected testing laboratory, and any other subcontracted entity engaged in support of pressure testing efforts.

The detailed Test Plan also describes the procurement plan for materials associated with penetration seal Pressure Test 7 and identifies the entities responsible for procuring the various components of the test assemblies based on the quality level assigned to each component.

The Test Plan also establishes minimum quality requirements for the penetration seal materials used in the test assemblies and links quality requirements in the AREVA QA program to customer/project quality requirements.

4.1 TEST APPARATUS

In the absence of any consensus codes or standards related to the pressure testing of penetration seal assemblies, the MOX Penetration Seal Program has developed a standardized method for conducting pressure testing of MOX penetration seal designs. In support of this effort, Intertek assisted in the design and construction of a pressure test apparatus to be use in the conduct of MOX penetration seal pressure tests.

The pressure chamber apparatus consists of two hemispherical 72" diameter steel pressure vessels, calibrated equipment and a data acquisition system. The apparatus accurately maintains the desired air pressure, using one of two sensitive, manually adjustable pressure regulators; a high (0-15 psi) and a low (0-2 psi) range. The sealed collection chamber feeds any leakage air back to the test device, where it is channeled through one of two calibrated flow meters, once again, a high (0-200 L/min) and a low (0-20 L/min) range. A calibrated electronic pressure transducer (0-5 psi) measures the differential pressure between the two chambers and the data acquisition software determines the net pressure drop across the test seal and the leakage through the seal. The chambers are interchangeable and the direction can be reversed very quickly so both can serve as the pressure or the collection chamber.

The primary components described above are presented on the following pages:

| | |
|------------------|---|
| Pressure Chamber | 2-piece hemispherical 72" diameter steel vessel |
| | 3 connection ports per piece |
| | 16 flange attachment points per piece |
| | Flange attachment via 3/8" diameter holes @ 22-1/2° spacing |



Pressure Cart

Stainless steel rolling cart with control equipment and associated Data Acquisition System



Regulator (low)

Control Air, Inc., Amherst, NH
Type 700
0-2 psi

Regulator (high)

Control Air, Inc., Amherst, NH
Type 700
0-15 psi



Mass Flow Meter Omega Engineering, Inc., Stamford, CT
Model No. FMA-872A-V-NIST
Serial No. 4270050001001
0-20 lpm



Mass Flow Meter Omega Engineering, Inc., Stamford, CT
Model No. FMA-875A-V-NIST
Serial No. 4270050003001
0-200 lpm



Pressure Transducer Omegadyne Inc., Sunbury, OH
Model No. PX409-005 DWUV
Serial No. 406707
Pressure Range: 0-5 psi
Input 0-100mVdc



| | |
|-------------------|---|
| Power Supply | Omega Engineering, Inc., Stamford, CT Model No. PSS-10 +10V @ 400 mA Input 115 VAC 50/60 Hz |
| Multifunction DAQ | National Instruments, Model No. NI USB-6210 16 Input, 16-bit, 250 kS/s, Multifunction I/O |



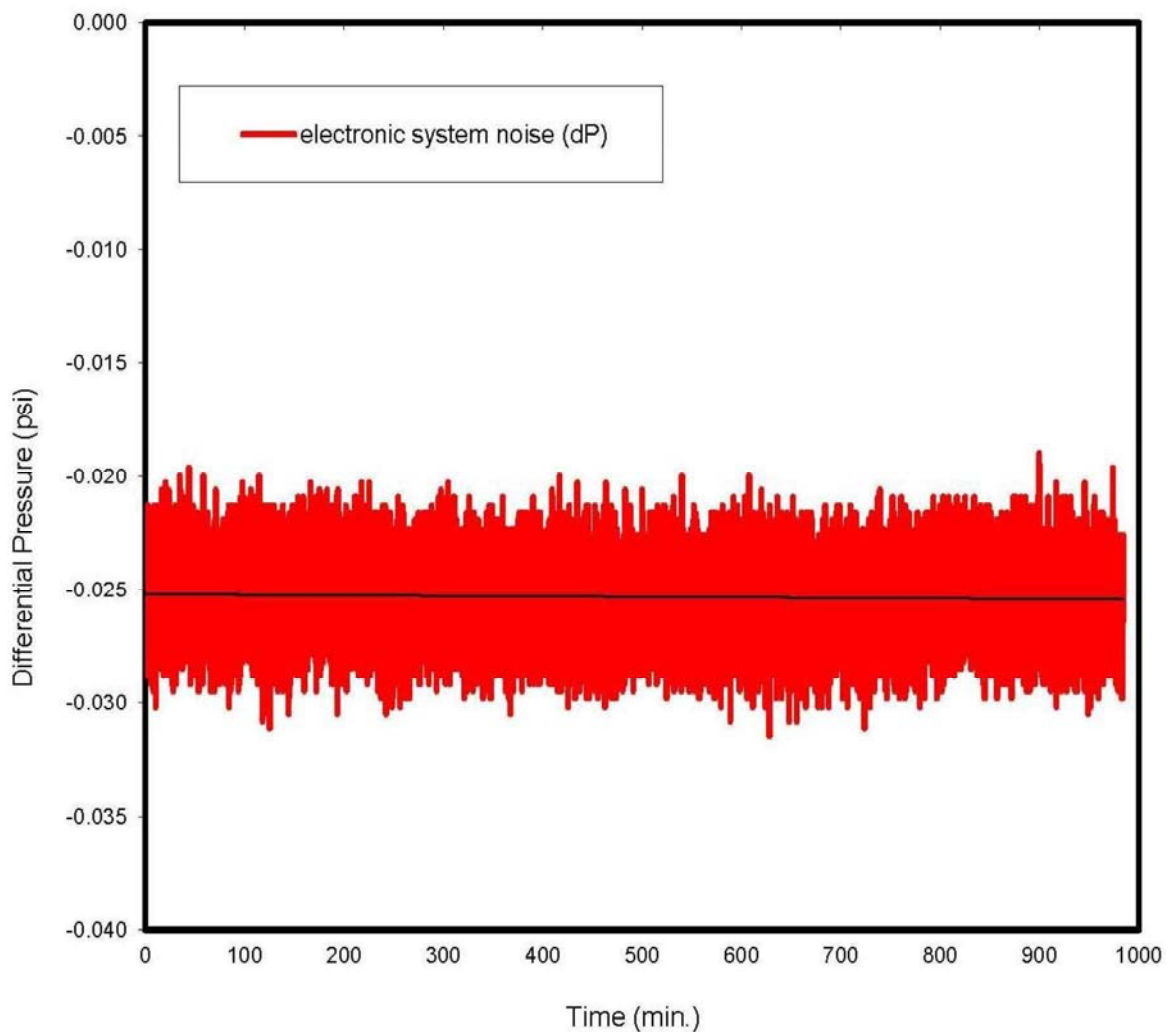
Dedicated CPU

HP Compaq Pro-6300 Microtower
Serial No. MXL3090LN6
OS Windows 7 Pro



Additionally, during initial system start-up testing and verification, it was discovered that the data acquisition system (DAQ) was so sensitive that “signal noise” resulted in data fluctuations for reported differential pressure even when the system was at equilibrium (i.e., both high side and low side pressure chambers were at atmospheric conditions). After collecting data for 16 hours overnight, the average fluctuation was -0.025 psi.

16-hr Average Electronic Noise (dP = -0.0253 psi)



Since the initial pressure stage prescribed by the AREVA NP Test Plan is 1.0 inches of water (0.0361 psi) and the average data fluctuation due to “signal noise” was almost 70% of this value (-0.025 psi), it was decided that an inclined-plane manometer would be used to ensure that the Stage 1 differential pressure was applied at precisely 1.0 inches of water.





For subsequent pressure stages (i.e., Stages 2-5), the Test Plan required pressure was applied and maintained using the DAQ reported differential pressure without consideration for any “signal noise”. Since the “signal noise” always reported some level of negative pressure at the beginning of the test, this method assured that the tests were conducted with additional margin, as the actual differential pressure that the test specimen was subjected to was equal to the DAQ reported differential pressure plus the additional pressure needed to overcome the negative “signal noise” reported at the beginning of the test when both pressure chambers were at atmospheric conditions.

4.2 TEST STANDARD

AREVA NP Inc. Document No. 51-9206196-001

Pressure rated penetration seals at the MOX facility are required to remain “sufficiently leak-tight” at various pressure levels in order to support the functional goals of the various pressure rating requirements (i.e., confinement, suppression system clean agent concentration, fire induced pressure loads or HVAC pressure boundary loads). The term “sufficiently leak-tight” indicates that the penetration seal meets the predetermined acceptance criteria for the pressure level(s) being tested.

The acceptance criteria “sufficiently leak-tight” varies based on the pressure requirement and the operating mode of the plant. For most pressure conditions and operating modes, “sufficiently leak-tight” means that the penetration seal assembly must remain in place but is allowed to leak (i.e., the penetration seal cannot become dislodged from the opening or otherwise catastrophically fail such that a substantial leakage path is created).

Per MOX Services Calculation "Confinement Boundary Air Leakage Criteria" (Test Plan Reference 12.1) penetration seals that function as confinement zone 3b boundary components must maintain a leakage rate less than 0.01 cfm/sq. ft. of penetration area when tested at a pressure that bounds C3b to non-C3b zone pressures during normal operating conditions.

The table below identifies the differential pressure levels (stages) for conducting pressures tests, as well as, the acceptance criteria in order to be considered "sufficiently leak-tight".

Differential Pressure Test Levels

| Test Stage | Differential Pressure (inch w.g.) | Required Hold Time (minutes) | Acceptance Criteria | Basis for the Selected Differential Pressure |
|------------|-----------------------------------|------------------------------|---|--|
| 1a | 1.0 | 30 | Leakage \leq 0.01 cfm/sq. ft. of penetration area | Testing at this differential pressure bounds the 0.51 inches w.g. pressure for C3b to C2 areas during normal operation [Test Plan Reference 12.9]. |
| 2a | 5.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds the 4.0 inches w.g. pressure anticipated as a result of clean agent suppression system discharge [Test Plan Reference 12.7]. |
| 3a | 10.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds the 7.0 inches w.g. pressure used as the screening pressure cutoff for fire induced pressures [Test Plan References 12.7 and 12.8] and some of the HVAC pressure boundaries [Reference 12.9]. |
| 4a | 20.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds all of the calculated fire induced pressures [Test Plan Reference 12.8] and many of the HVAC pressure boundaries [Test Plan Reference 12.9]. |
| 5a | 40.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds all of the HVAC pressure boundaries [Test Plan Reference 12.9]. |
| 1b | 1.0 | 30 | Leakage \leq 0.01 cfm/sq. ft. of penetration area | Testing at this differential pressure bounds the 0.51 inches w.g. pressure for C3b to C2 areas during normal operation [Test Plan Reference 12.9]. |
| 2b | 5.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds the 4.0 inches w.g. pressure anticipated as a result of clean agent suppression system discharge [Test Plan Reference 12.7]. |
| 3b | 10.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds the 7.0 inches w.g. pressure used as the screening pressure cutoff for fire induced pressures [Test Plan References 12.7 and 12.8] and some of the HVAC pressure boundaries [Test Plan Reference 12.9]. |

| Test Stage | Differential Pressure (inch w.g.) | Required Hold Time (minutes) | Acceptance Criteria | Basis for the Selected Differential Pressure |
|------------|-----------------------------------|------------------------------|-----------------------|---|
| 4b | 20.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds all of the calculated fire induced pressures [Test Plan Reference 12.8] and many of the HVAC pressure boundaries [Test Plan Reference 12.9]. |
| 5b | 40.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds all of the HVAC pressure boundaries [Test Plan Reference 12.9]. |

The test assembly shall be attached to the pressure test apparatus and subjected to air pressure tests at the select pressure levels identified in the table above, beginning with the Stage 1a pressure of 1.0 inch w.c. Once this pressure has been obtained, the pressure shall be maintained for the hold time specified. The maximum leakage rate observed during the hold time shall be recorded. If the leakage rate exceeds the acceptance criteria during Stage 1 testing, the time of failure shall be noted and the test shall be continued, since leakage alone does not constitute failure after Stage 1.

Once the designated hold time has been achieved, the pressure shall be increased to the next pressure level identified (Stage 2a, then Stage 3a, then Stage 4a and finally Stage 5a before repeating with the pressure applied to the opposite side of the test assembly – Stages 1b thru 5b) and held for the designated hold time. The maximum leakage rate observed during each hold time shall be recorded.

Following completion of Stage 5a (and 5b) pressure testing, the test may continue at the discretion of the AREVA test engineer and the testing laboratory manager in charge. Subsequent pressures, hold times and maximum leakage rates shall be recorded as directed by the AREVA test engineer.

If at any pressure level (or test stage) the penetration seal becomes dislodged from the opening or otherwise catastrophically fails, the pressure test shall be terminated and the time to failure and pressure at which the failure occurred shall be recorded.

5 Testing and Evaluation Results

5.1 RESULTS AND OBSERVATIONS

The test deck was mounted horizontally between two 72" diameter hemispherical pressure vessels. The deck was fixed to the pressure chamber using (16) 5/16" x 2-1/2" long sleeve anchors (Red Head) through 16 pre-drilled holes. Silicone II caulk (GE) was used to create a pressure tight seal between the pressure chamber and the test deck.

The first test (top side pressure) was initiated at 12:42 p.m. on September 30, 2013. Scott Groesbeck, representing AREVA NP Inc., was present to witness the test. The ambient temperature at the start of the test was 88°F, with a relative humidity of 42%.

The test procedure followed that presented in Section 9.0 of the Test Plan. The graphs and tables on the following page(s) provides a summary of results and observations for the ten pressure stages (Stages 1a-5a and 1b-5b), any observed leakage, and the maximum leakage rate. Additionally, the raw data for Pressure Test 7 is contained in Appendices B1 and B2 of this test report. The official start and stop times for each pressure stage were timed using a traceable, calibrated stopwatch. The approximate start and stop times for each pressure stage are recorded below. These start and stop times can be correlated to the data in Appendices B1 and B2 using the heading "Time (min)".

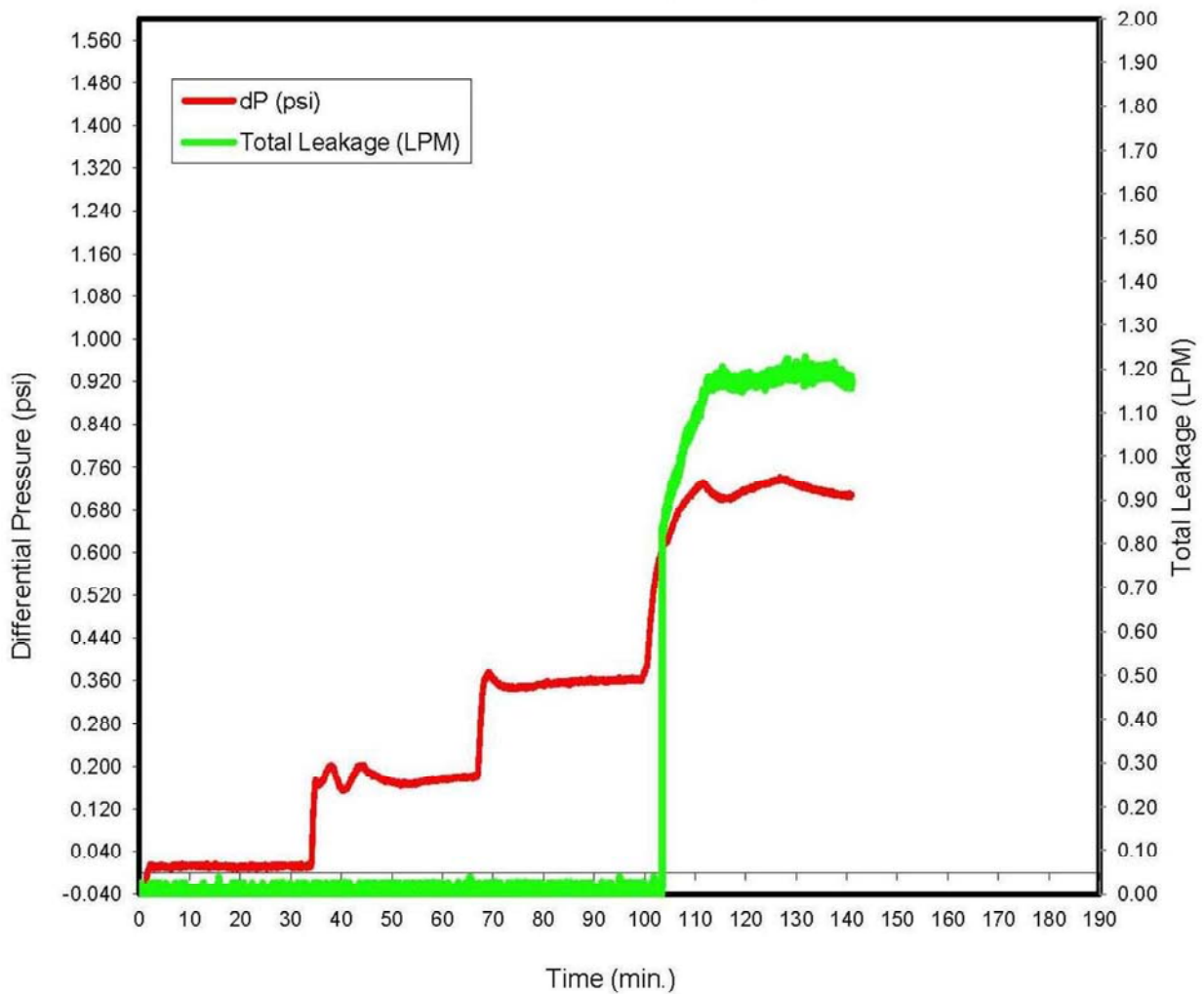
Pressure Test 7 Start and Stop Times

| Stage | Start Time | Stop Time |
|------------------|------------|-----------|
| 1a | 2.1 | 32.1 |
| 2a | 36.7 | 66.7 |
| 3a | 68.2 | 98.2 |
| 4a | 111 | 141 |
| 5a* | 9.6 | 39.6 |
| 1b* ¹ | 9.7 | 39.7 |
| 2b* ¹ | 41.1 | 71.1 |
| 3b* ¹ | 75.4 | 106 |
| 4b* ¹ | 111 | 141 |
| 5b* ¹ | 152 | 182 |

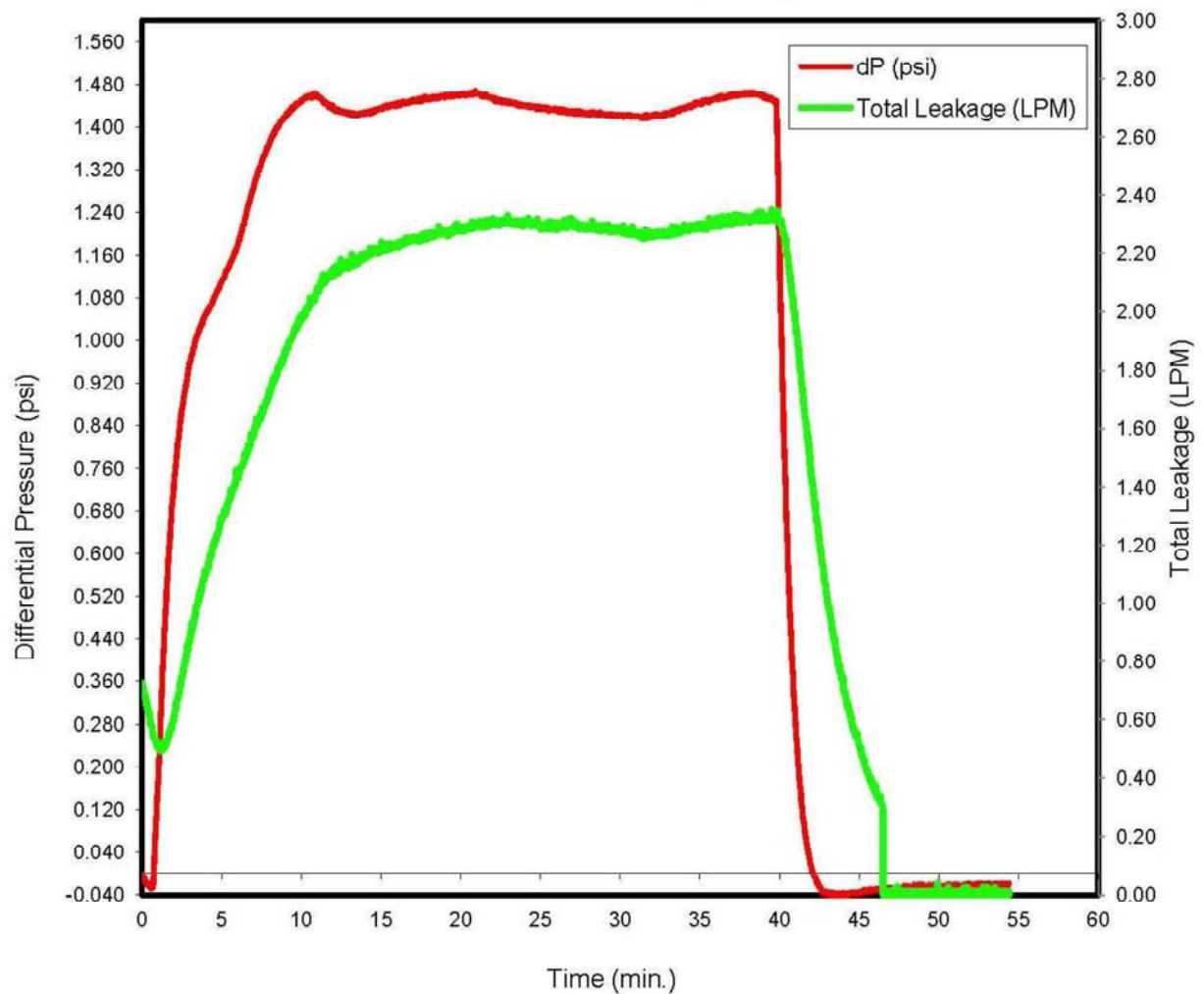
* The test assembly was scheduled to be seismically tested the following day (Seismic Test #5), at air pressures lower than Stage 5a required for Pressure Test 7. For this reason, Stage 1a-4a was conducted; the assembly was then used for Seismic Test 5, and then Stage 5a was performed for Pressure 7 test. Stage 5a was initiated on October 1, 2013, at 3:57 p.m. The temperature was 93°F with a relative humidity of 44%.

*¹ The last portion of the test for Pressure Test 7 (bottom side pressure Stages 1b-5b) was initiated at 12:42 p.m. on October 7, 2013. Scott Groesbeck, representing AREVA NP Inc., was present to witness the test. The ambient air temperature at the start of the test was 88°F, with a relative humidity of 21%.

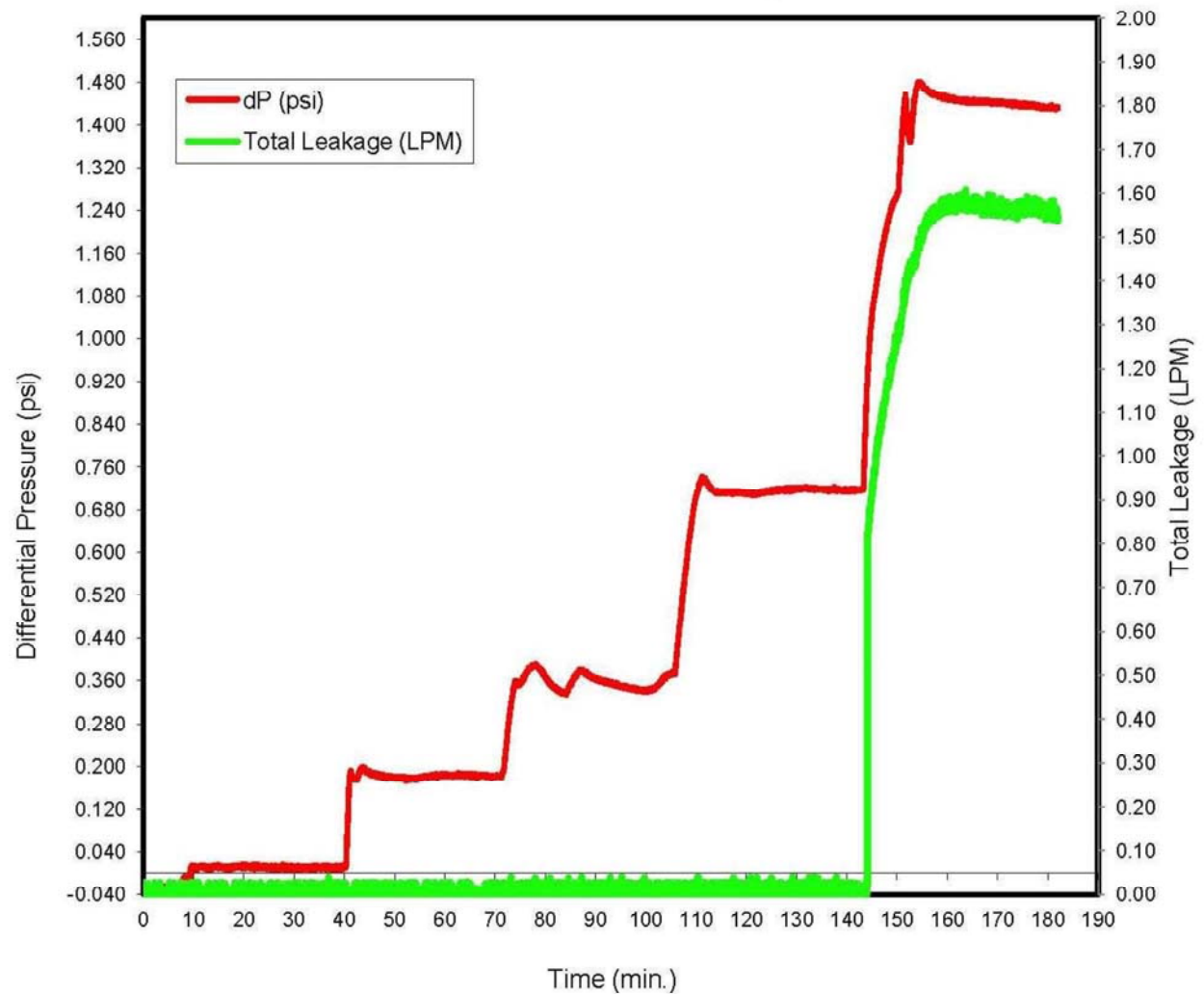
Chamber Differential Pressure and Seal Leakage
Pressure Test 7 Top - Stages 1a-4a



Chamber Differential Pressure and Seal Leakage
Pressure Test 7 Top - Stage 5a



Chamber Differential Pressure and Seal Leakage
Pressure Test 7 Bottom - Stages 1b - 5b



Test Results and Observations – Top Pressurized

| Test Stage | Differential Pressure inch w.g. (psi) | Required Hold Time (minutes) | Acceptance Criteria | PASS/ FAIL | Max Leakage (Total LPM) | Max Leakage (Total cfm) |
|------------|---|---------------------------------|---|---------------|----------------------------|----------------------------|
| 1a | 1.0 (0.036) | 30 | Leakage \leq 0.01 cfm/sq. ft. of penetration area | PASS | 0.00 | 0.00 |
| 2a | 5.0 (0.181) | 30 | Seal Remains In Place | PASS | 0.00 | 0.00 |
| 3a | 10.0 (0.361) | 30 | Seal Remains In Place | PASS | 0.00 | 0.00 |
| 4a | 20.0 (0.722) | 30 | Seal Remains In Place | PASS | 1.23 | 0.043 |
| 5a | 40.0 (1.44) | 30 | Seal Remains In Place | PASS | 2.35 | 0.083 |

Test Results and Observations – Bottom Pressurized

| Test Stage | Differential Pressure inch w.g. (psi) | Required Hold Time (minutes) | Acceptance Criteria | PASS/ FAIL | Max Leakage (Total LPM) | Max Leakage (Total cfm) |
|------------|---|---------------------------------|---|---------------|----------------------------|----------------------------|
| 1b | 1.0 (0.036) | 30 | Leakage \leq 0.01 cfm/sq. ft. of penetration area | PASS | 0.00 | 0.00 |
| 2b | 5.0 (0.181) | 30 | Seal Remains In Place | PASS | 0.00 | 0.00 |
| 3b | 10.0 (0.361) | 30 | Seal Remains In Place | PASS | 0.00 | 0.00 |
| 4b | 20.0 (0.722) | 30 | Seal Remains In Place | PASS | 0.00 | 0.00 |
| 5b | 40.0 (1.44) | 30 | Seal Remains In Place | PASS | 1.61 | 0.057 |

5.2 POST TEST EXAMINATION

The post test examination of Pressure Test 7 was conducted at the conclusion of Stage 5b. The top side bonnet was removed and some pressure was applied to the bottom side bonnet. A soapy-water solution was sprayed on the top side penetration seals and revealed some leakage at both ends of all 4 seals. Additionally, there was a leak one point along the long side of the DC-732 seal (Penetration P3). There was no visual change on any of the four seal assemblies.

6 Conclusion

Intertek Testing Services NA (Intertek) has conducted testing for AREVA NP Inc., on the pressure resistance capabilities of Unifrax Fiberfrax® Durablanket® S (Durablanket), Dow Corning® Sylgard® 170 Silicone Elastomer (DC-170), Quantum Silicones QSil 5558MC Silicone Elastomer (QSil 5558MC0, Dow Corning® 732 Multi-Purpose Sealant (DC-732) and Dow Corning® 790 Multi-Purpose Sealant (DC-790) through a 12" thick concrete deck for compliance with the applicable requirements of and in accordance with AREVA NP Inc. Document No. 51-9206196-001, *Detailed Test Plan for Conducting MOX Pressure Test 7*. This evaluation took place on September 30, October 1, and October 7, 2013.

The seals in Pressure Test 7 met the acceptance criteria as defined in the Test Plan.

This project was undertaken to evaluate the pressure resistance capability of silicone elastomers and sealants used to seal gaps or joints at the air pressure increments above atmospheric pressure.

The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

INTERTEK TESTING SERVICES NA

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Reviewed by:



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Project Engineer, Fire Resistance

Reviewed by:



Michael A. Brown
Quality Supervisor

APPENDIX A Assembly Drawings

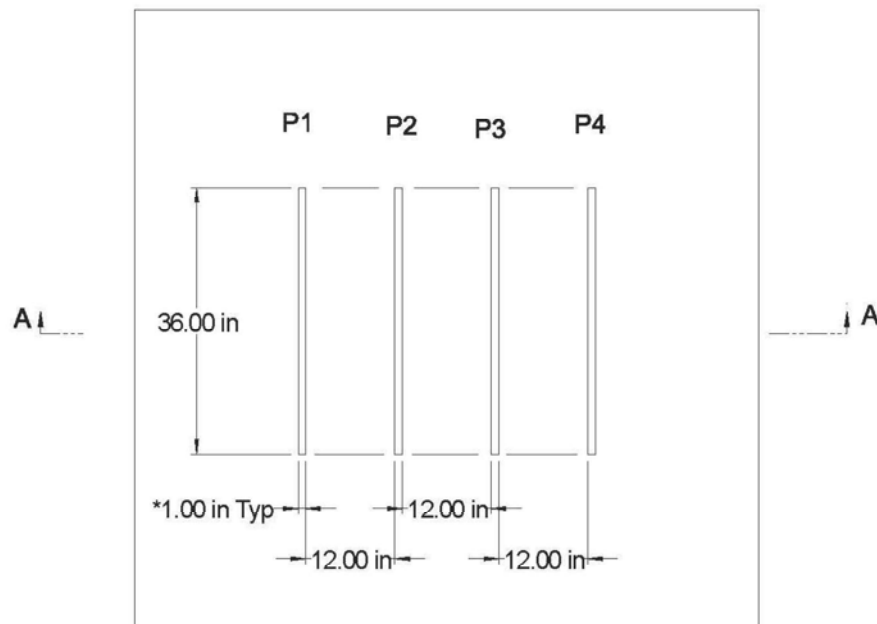
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Document No.: 51-9206196-001

Detailed Test Plan for Conducting MOX Pressure Test 7

Pressure Test 7



Section View is on
Page A-3.

NOTES:

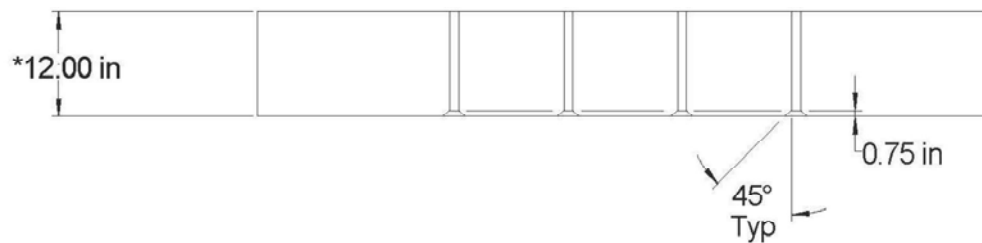
1. TOLERANCE ON ALL SLAB DIMENSIONS IS +/- 1/4"
2. * INDICATES DIMENSIONS TO BE VERIFIED BY AREVA QC.

Controlled Document



Document No.: 51-9206196-001

Detailed Test Plan for Conducting MOX Pressure Test 7



Section A-A

NOTES:

1. TOLERANCE ON ALL SLAB DIMENSIONS IS +/- 1/4"
2. * INDICATES DIMENSIONS TO BE VERIFIED BY AREVA QC
3. ALL GAPS BEVELED 3/4" X 45° ON BOTTOM SIDE OF SLAB.

Controlled Document

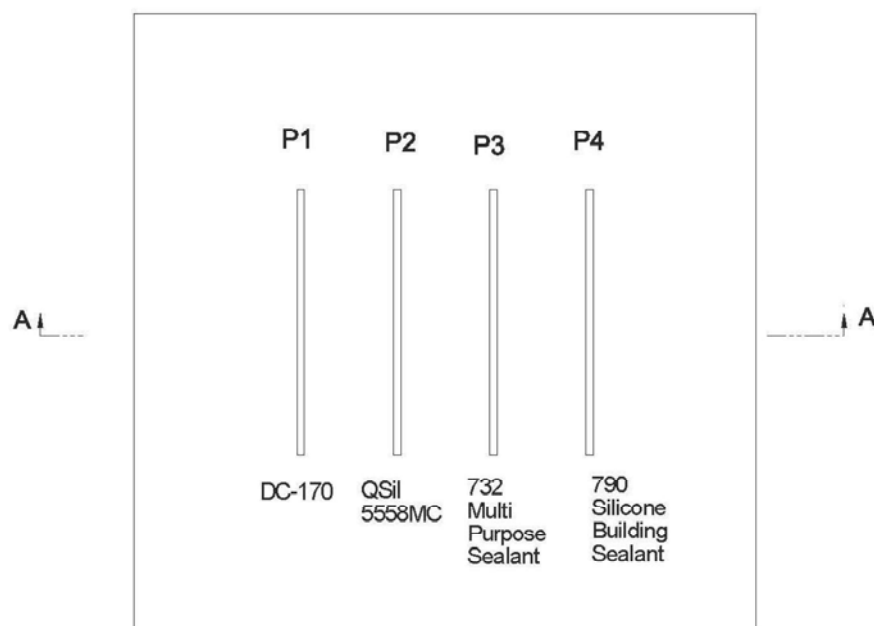


Document No.: 51-9206196-001

Detailed Test Plan for Conducting MOX Pressure Test 7

Pressure Test 7

Penetration Seal Material



Section View is on
Page A-5.

NOTES:

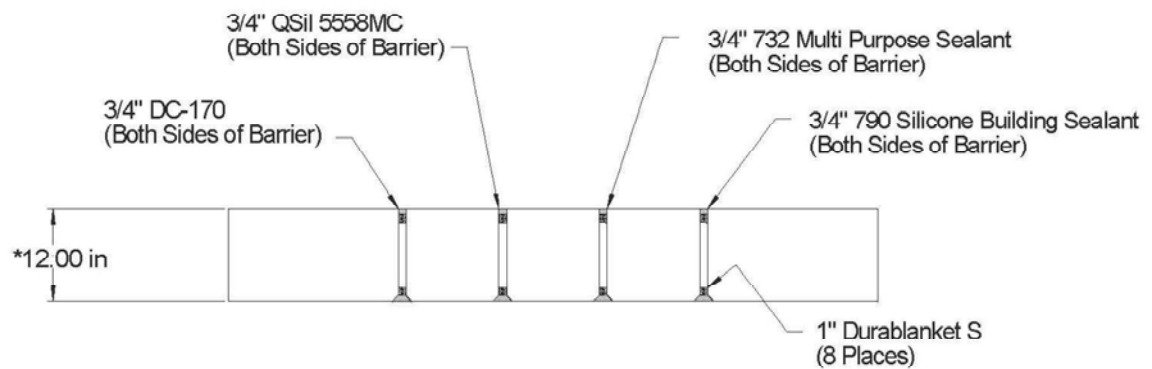
1. TOLERANCE ON ALL SLAB DIMENSIONS IS +/- 1/4"
2. * INDICATES DIMENSIONS TO BE VERIFIED BY AREVA QC.

Controlled Document



Document No.: 51-9206196-001

Detailed Test Plan for Conducting MOX Pressure Test 7



Section A-A

NOTES:

1. TOLERANCE ON ALL SLAB DIMENSIONS IS +/- 1/4"
2. * INDICATES DIMENSIONS TO BE VERIFIED BY AREVA QC.

APPENDIX B1 – Top Side Test Data

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 0 | -0.0252 | 0 | 0 | 0 |
| 0.0333 | -0.0252 | 0.013 | 0.0013 | 0.0143 |
| 0.0667 | -0.0252 | 0 | 0 | 0 |
| 0.1 | -0.0242 | 0 | 0 | 0 |
| 0.1333 | -0.0255 | 0.013 | 0 | 0.013 |
| 0.1667 | -0.0223 | 0 | 0 | 0 |
| 0.2 | -0.0246 | 0.013 | 0 | 0.013 |
| 0.2333 | -0.0229 | 0 | 0 | 0 |
| 0.2667 | -0.0236 | 0 | 0 | 0 |
| 0.3 | -0.0252 | 0 | 0 | 0 |
| 0.3333 | -0.0236 | 0.0262 | 0.0013 | 0.0275 |
| 0.3667 | -0.0229 | 0 | 0 | 0 |
| 0.4 | -0.0223 | 0 | 0 | 0 |
| 0.4333 | -0.0229 | 0 | 0.0013 | 0.0013 |
| 0.4667 | -0.0232 | 0.013 | 0.0013 | 0.0143 |
| 0.5 | -0.0232 | 0 | 0.0013 | 0.0013 |
| 0.5333 | -0.0229 | 0 | 0.0013 | 0.0013 |
| 0.5667 | -0.0232 | 0 | 0 | 0 |
| 0.6 | -0.0246 | 0 | 0 | 0 |
| 0.6333 | -0.0239 | 0 | 0 | 0 |
| 0.6667 | -0.0226 | 0 | 0 | 0 |
| 0.7 | -0.0252 | 0.013 | 0.0013 | 0.0143 |
| 0.7333 | -0.0226 | 0 | 0.0013 | 0.0013 |
| 0.7667 | -0.0206 | 0 | 0.0013 | 0.0013 |
| 0.8 | -0.0206 | 0.013 | 0 | 0.013 |
| 0.8333 | -0.0252 | 0 | 0.0013 | 0.0013 |
| 0.8667 | -0.0213 | 0 | 0 | 0 |
| 0.9 | -0.0223 | 0.013 | 0 | 0.013 |
| 0.9333 | -0.0246 | 0 | 0.0013 | 0.0013 |
| 0.9667 | -0.0236 | 0 | 0.0013 | 0.0013 |
| 1 | -0.0249 | 0 | 0 | 0 |
| 1.0333 | -0.0229 | 0 | 0 | 0 |
| 1.0667 | -0.0223 | 0 | 0 | 0 |
| 1.1 | -0.0269 | 0 | 0 | 0 |
| 1.1333 | -0.0219 | 0.013 | 0 | 0.013 |
| 1.1667 | -0.0246 | 0 | 0 | 0 |
| 1.2 | -0.0252 | 0 | 0.0013 | 0.0013 |
| 1.2333 | -0.0269 | 0 | 0.0026 | 0.0026 |
| 1.2667 | -0.0255 | 0 | 0.0013 | 0.0013 |
| 1.3 | -0.0275 | 0.013 | 0.0013 | 0.0143 |
| 1.3333 | -0.0239 | 0 | 0.0026 | 0.0026 |
| 1.3667 | -0.0176 | 0.013 | 0.0013 | 0.0143 |
| 1.4 | -0.0137 | 0.013 | 0 | 0.013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 1.4333 | -0.0163 | 0 | 0 | 0 |
| 1.4667 | -0.0081 | 0 | 0 | 0 |
| 1.5 | -0.0084 | 0.013 | 0.0013 | 0.0143 |
| 1.5333 | -0.0028 | 0 | 0.0026 | 0.0026 |
| 1.5667 | 0.0005 | 0 | 0.0026 | 0.0026 |
| 1.6 | 0.0024 | 0 | 0 | 0 |
| 1.6333 | 0.0028 | 0.013 | 0 | 0.013 |
| 1.6667 | -0.0002 | 0 | 0 | 0 |
| 1.7 | 0.0021 | 0 | 0.0013 | 0.0013 |
| 1.7333 | 0.0041 | 0 | 0 | 0 |
| 1.7667 | 0.0044 | 0 | 0 | 0 |
| 1.8 | 0.0034 | 0.013 | 0 | 0.013 |
| 1.8333 | 0.0044 | 0 | 0 | 0 |
| 1.8667 | 0.0074 | 0 | 0.0013 | 0.0013 |
| 1.9 | 0.0064 | 0 | 0 | 0 |
| 1.9333 | 0.0097 | 0 | 0 | 0 |
| 1.9667 | 0.0087 | 0 | 0 | 0 |
| 2 | 0.011 | 0 | 0 | 0 |
| 2.0333 | 0.0113 | 0 | 0.0026 | 0.0026 |
| 2.0667 | 0.0139 | 0.0262 | 0 | 0.0262 |
| 2.1 | 0.0084 | 0.013 | 0 | 0.013 |
| 2.1333 | 0.008 | 0 | 0 | 0 |
| 2.1667 | 0.013 | 0 | 0 | 0 |
| 2.2 | 0.0097 | 0 | 0 | 0 |
| 2.2333 | 0.009 | 0 | 0 | 0 |
| 2.2667 | 0.01 | 0 | 0 | 0 |
| 2.3 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 2.3333 | 0.0113 | 0 | 0 | 0 |
| 2.3667 | 0.0113 | 0.013 | 0 | 0.013 |
| 2.4 | 0.0093 | 0 | 0 | 0 |
| 2.4333 | 0.0107 | 0.0262 | 0 | 0.0262 |
| 2.4667 | 0.0113 | 0 | 0 | 0 |
| 2.5 | 0.0103 | 0.013 | 0 | 0.013 |
| 2.5333 | 0.0103 | 0.013 | 0 | 0.013 |
| 2.5667 | 0.0143 | 0.013 | 0 | 0.013 |
| 2.6 | 0.0107 | 0.013 | 0.0013 | 0.0143 |
| 2.6333 | 0.0116 | 0.013 | 0 | 0.013 |
| 2.6667 | 0.0103 | 0.013 | 0 | 0.013 |
| 2.7 | 0.01 | 0 | 0 | 0 |
| 2.7333 | 0.0107 | 0.013 | 0 | 0.013 |
| 2.7667 | 0.0107 | 0.013 | 0.0013 | 0.0143 |
| 2.8 | 0.0074 | 0 | 0 | 0 |
| 2.8333 | 0.01 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 2.8667 | 0.0107 | 0 | 0 | 0 |
| 2.9 | 0.008 | 0.013 | 0 | 0.013 |
| 2.9333 | 0.0097 | 0 | 0 | 0 |
| 2.9667 | 0.0113 | 0 | 0.0026 | 0.0026 |
| 3 | 0.0126 | 0 | 0 | 0 |
| 3.0333 | 0.0067 | 0 | 0 | 0 |
| 3.0667 | 0.0074 | 0.013 | 0 | 0.013 |
| 3.1 | 0.0093 | 0.013 | 0 | 0.013 |
| 3.1333 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 3.1667 | 0.011 | 0.0262 | 0.0013 | 0.0275 |
| 3.2 | 0.0123 | 0.013 | 0.0013 | 0.0143 |
| 3.2333 | 0.0116 | 0 | 0 | 0 |
| 3.2667 | 0.012 | 0.013 | 0 | 0.013 |
| 3.3 | 0.0093 | 0 | 0 | 0 |
| 3.3333 | 0.0107 | 0.013 | 0 | 0.013 |
| 3.3667 | 0.0107 | 0 | 0 | 0 |
| 3.4 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 3.4333 | 0.0113 | 0 | 0 | 0 |
| 3.4667 | 0.0136 | 0 | 0 | 0 |
| 3.5 | 0.0113 | 0 | 0 | 0 |
| 3.5333 | 0.008 | 0 | 0.0013 | 0.0013 |
| 3.5667 | 0.0097 | 0 | 0 | 0 |
| 3.6 | 0.0107 | 0 | 0 | 0 |
| 3.6333 | 0.0123 | 0 | 0 | 0 |
| 3.6667 | 0.0126 | 0.013 | 0.0013 | 0.0143 |
| 3.7 | 0.0133 | 0.013 | 0 | 0.013 |
| 3.7333 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 3.7667 | 0.0093 | 0 | 0 | 0 |
| 3.8 | 0.0097 | 0 | 0 | 0 |
| 3.8333 | 0.0093 | 0.013 | 0.0013 | 0.0143 |
| 3.8667 | 0.0074 | 0 | 0 | 0 |
| 3.9 | 0.011 | 0 | 0 | 0 |
| 3.9333 | 0.0093 | 0.0262 | 0.0013 | 0.0275 |
| 3.9667 | 0.0123 | 0 | 0 | 0 |
| 4 | 0.0113 | 0 | 0 | 0 |
| 4.0333 | 0.0107 | 0.013 | 0 | 0.013 |
| 4.0667 | 0.0133 | 0 | 0 | 0 |
| 4.1 | 0.012 | 0 | 0 | 0 |
| 4.1333 | 0.012 | 0.013 | 0 | 0.013 |
| 4.1667 | 0.0139 | 0 | 0 | 0 |
| 4.2 | 0.0133 | 0.013 | 0 | 0.013 |
| 4.2333 | 0.009 | 0 | 0.0013 | 0.0013 |
| 4.2667 | 0.0126 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 4.3 | 0.0139 | 0 | 0 | 0 |
| 4.3333 | 0.012 | 0 | 0.0013 | 0.0013 |
| 4.3667 | 0.0149 | 0 | 0.0026 | 0.0026 |
| 4.4 | 0.009 | 0 | 0.0026 | 0.0026 |
| 4.4333 | 0.0113 | 0 | 0 | 0 |
| 4.4667 | 0.0113 | 0.013 | 0 | 0.013 |
| 4.5 | 0.01 | 0 | 0 | 0 |
| 4.5333 | 0.0093 | 0 | 0 | 0 |
| 4.5667 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 4.6 | 0.0107 | 0 | 0 | 0 |
| 4.6333 | 0.0133 | 0 | 0 | 0 |
| 4.6667 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 4.7 | 0.0133 | 0.013 | 0 | 0.013 |
| 4.7333 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 4.7667 | 0.0116 | 0.013 | 0 | 0.013 |
| 4.8 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 4.8333 | 0.0087 | 0.013 | 0 | 0.013 |
| 4.8667 | 0.0093 | 0 | 0 | 0 |
| 4.9 | 0.01 | 0 | 0 | 0 |
| 4.9333 | 0.0107 | 0 | 0 | 0 |
| 4.9667 | 0.0116 | 0.013 | 0.0013 | 0.0143 |
| 5 | 0.0103 | 0 | 0 | 0 |
| 5.0333 | 0.0084 | 0.013 | 0 | 0.013 |
| 5.0667 | 0.0107 | 0.013 | 0.0026 | 0.0156 |
| 5.1 | 0.0093 | 0 | 0 | 0 |
| 5.1333 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 5.1667 | 0.0084 | 0.013 | 0 | 0.013 |
| 5.2 | 0.01 | 0 | 0 | 0 |
| 5.2333 | 0.0126 | 0.0262 | 0 | 0.0262 |
| 5.2667 | 0.0097 | 0 | 0 | 0 |
| 5.3 | 0.01 | 0 | 0 | 0 |
| 5.3333 | 0.0087 | 0 | 0 | 0 |
| 5.3667 | 0.0093 | 0.013 | 0 | 0.013 |
| 5.4 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 5.4333 | 0.0087 | 0.013 | 0 | 0.013 |
| 5.4667 | 0.0113 | 0.013 | 0.0026 | 0.0156 |
| 5.5 | 0.0103 | 0.013 | 0.0013 | 0.0143 |
| 5.5333 | 0.01 | 0 | 0.0013 | 0.0013 |
| 5.5667 | 0.0077 | 0.013 | 0.0013 | 0.0143 |
| 5.6 | 0.0097 | 0 | 0 | 0 |
| 5.6333 | 0.0084 | 0 | 0 | 0 |
| 5.6667 | 0.0107 | 0 | 0 | 0 |
| 5.7 | 0.0087 | 0.013 | 0 | 0.013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 5.7333 | 0.0103 | 0 | 0 | 0 |
| 5.7667 | 0.0103 | 0.013 | 0 | 0.013 |
| 5.8 | 0.0087 | 0.013 | 0.0013 | 0.0143 |
| 5.8333 | 0.0113 | 0.013 | 0 | 0.013 |
| 5.8667 | 0.008 | 0 | 0.0013 | 0.0013 |
| 5.9 | 0.0103 | 0.013 | 0.0013 | 0.0143 |
| 5.9333 | 0.0093 | 0 | 0 | 0 |
| 5.9667 | 0.0103 | 0 | 0 | 0 |
| 6 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 6.0333 | 0.0107 | 0 | 0 | 0 |
| 6.0667 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 6.1 | 0.0087 | 0 | 0 | 0 |
| 6.1333 | 0.0097 | 0.013 | 0.0013 | 0.0143 |
| 6.1667 | 0.0097 | 0.013 | 0 | 0.013 |
| 6.2 | 0.0074 | 0 | 0 | 0 |
| 6.2333 | 0.01 | 0 | 0 | 0 |
| 6.2667 | 0.008 | 0 | 0.0013 | 0.0013 |
| 6.3 | 0.0057 | 0 | 0 | 0 |
| 6.3333 | 0.0093 | 0.013 | 0.0013 | 0.0143 |
| 6.3667 | 0.0074 | 0 | 0 | 0 |
| 6.4 | 0.0074 | 0.013 | 0 | 0.013 |
| 6.4333 | 0.0103 | 0.013 | 0 | 0.013 |
| 6.4667 | 0.01 | 0 | 0 | 0 |
| 6.5 | 0.0103 | 0.013 | 0.0013 | 0.0143 |
| 6.5333 | 0.0074 | 0.013 | 0 | 0.013 |
| 6.5667 | 0.0126 | 0 | 0 | 0 |
| 6.6 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 6.6333 | 0.0107 | 0 | 0 | 0 |
| 6.6667 | 0.0107 | 0.013 | 0 | 0.013 |
| 6.7 | 0.0139 | 0.013 | 0 | 0.013 |
| 6.7333 | 0.01 | 0 | 0 | 0 |
| 6.7667 | 0.0093 | 0.013 | 0 | 0.013 |
| 6.8 | 0.0093 | 0.013 | 0 | 0.013 |
| 6.8333 | 0.0107 | 0.013 | 0 | 0.013 |
| 6.8667 | 0.01 | 0.013 | 0.0013 | 0.0143 |
| 6.9 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 6.9333 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 6.9667 | 0.0116 | 0 | 0.0026 | 0.0026 |
| 7 | 0.0103 | 0 | 0 | 0 |
| 7.0333 | 0.0113 | 0.0262 | 0 | 0.0262 |
| 7.0667 | 0.0093 | 0.013 | 0 | 0.013 |
| 7.1 | 0.0103 | 0 | 0 | 0 |
| 7.1333 | 0.011 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

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September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 7.1667 | 0.0107 | 0 | 0 | 0 |
| 7.2 | 0.011 | 0.0262 | 0 | 0.0262 |
| 7.2333 | 0.0103 | 0 | 0 | 0 |
| 7.2667 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 7.3 | 0.0139 | 0 | 0 | 0 |
| 7.3333 | 0.0087 | 0.013 | 0 | 0.013 |
| 7.3667 | 0.0123 | 0 | 0 | 0 |
| 7.4 | 0.0116 | 0.013 | 0 | 0.013 |
| 7.4333 | 0.0113 | 0.013 | 0 | 0.013 |
| 7.4667 | 0.013 | 0 | 0 | 0 |
| 7.5 | 0.013 | 0 | 0 | 0 |
| 7.5333 | 0.0107 | 0 | 0 | 0 |
| 7.5667 | 0.0143 | 0.013 | 0 | 0.013 |
| 7.6 | 0.01 | 0.013 | 0 | 0.013 |
| 7.6333 | 0.0149 | 0 | 0 | 0 |
| 7.6667 | 0.0107 | 0.013 | 0 | 0.013 |
| 7.7 | 0.0126 | 0 | 0.0026 | 0.0026 |
| 7.7333 | 0.0097 | 0.013 | 0 | 0.013 |
| 7.7667 | 0.0113 | 0 | 0 | 0 |
| 7.8 | 0.0113 | 0.013 | 0 | 0.013 |
| 7.8333 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 7.8667 | 0.0116 | 0.013 | 0 | 0.013 |
| 7.9 | 0.009 | 0 | 0 | 0 |
| 7.9333 | 0.012 | 0 | 0.0013 | 0.0013 |
| 7.9667 | 0.0116 | 0 | 0 | 0 |
| 8 | 0.012 | 0 | 0.0013 | 0.0013 |
| 8.0333 | 0.0113 | 0.013 | 0 | 0.013 |
| 8.0667 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 8.1 | 0.0136 | 0 | 0 | 0 |
| 8.1333 | 0.0113 | 0.013 | 0 | 0.013 |
| 8.1667 | 0.0126 | 0.013 | 0 | 0.013 |
| 8.2 | 0.013 | 0 | 0.0013 | 0.0013 |
| 8.2333 | 0.0116 | 0.013 | 0 | 0.013 |
| 8.2667 | 0.0126 | 0.013 | 0 | 0.013 |
| 8.3 | 0.012 | 0.0262 | 0 | 0.0262 |
| 8.3333 | 0.0123 | 0 | 0 | 0 |
| 8.3667 | 0.0133 | 0.013 | 0 | 0.013 |
| 8.4 | 0.0116 | 0 | 0 | 0 |
| 8.4333 | 0.0126 | 0 | 0 | 0 |
| 8.4667 | 0.0156 | 0.013 | 0.0013 | 0.0143 |
| 8.5 | 0.0103 | 0 | 0 | 0 |
| 8.5333 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 8.5667 | 0.0113 | 0.0262 | 0.0013 | 0.0275 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 8.6 | 0.0116 | 0 | 0 | 0 |
| 8.6333 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 8.6667 | 0.01 | 0.013 | 0 | 0.013 |
| 8.7 | 0.0097 | 0 | 0 | 0 |
| 8.7333 | 0.0097 | 0 | 0.0013 | 0.0013 |
| 8.7667 | 0.013 | 0 | 0 | 0 |
| 8.8 | 0.013 | 0.013 | 0 | 0.013 |
| 8.8333 | 0.0123 | 0 | 0 | 0 |
| 8.8667 | 0.011 | 0.013 | 0.0026 | 0.0156 |
| 8.9 | 0.0139 | 0 | 0.0013 | 0.0013 |
| 8.9333 | 0.0133 | 0.013 | 0.0013 | 0.0143 |
| 8.9667 | 0.0126 | 0 | 0.0026 | 0.0026 |
| 9 | 0.011 | 0.013 | 0 | 0.013 |
| 9.0333 | 0.0093 | 0 | 0.0026 | 0.0026 |
| 9.0667 | 0.0136 | 0.0262 | 0.0013 | 0.0275 |
| 9.1 | 0.01 | 0 | 0.0013 | 0.0013 |
| 9.1333 | 0.0143 | 0 | 0 | 0 |
| 9.1667 | 0.0116 | 0 | 0 | 0 |
| 9.2 | 0.0103 | 0 | 0 | 0 |
| 9.2333 | 0.0103 | 0.013 | 0.0013 | 0.0143 |
| 9.2667 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 9.3 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 9.3333 | 0.0123 | 0.013 | 0 | 0.013 |
| 9.3667 | 0.0093 | 0.013 | 0 | 0.013 |
| 9.4 | 0.0097 | 0.013 | 0 | 0.013 |
| 9.4333 | 0.0133 | 0.013 | 0.0013 | 0.0143 |
| 9.4667 | 0.0123 | 0 | 0 | 0 |
| 9.5 | 0.011 | 0.013 | 0 | 0.013 |
| 9.5333 | 0.013 | 0.013 | 0.0013 | 0.0143 |
| 9.5667 | 0.012 | 0 | 0.0026 | 0.0026 |
| 9.6 | 0.0126 | 0.013 | 0.0013 | 0.0143 |
| 9.6333 | 0.013 | 0 | 0 | 0 |
| 9.6667 | 0.011 | 0 | 0 | 0 |
| 9.7 | 0.013 | 0 | 0 | 0 |
| 9.7333 | 0.013 | 0 | 0 | 0 |
| 9.7667 | 0.0103 | 0 | 0 | 0 |
| 9.8 | 0.0136 | 0 | 0 | 0 |
| 9.8333 | 0.0116 | 0.013 | 0 | 0.013 |
| 9.8667 | 0.012 | 0.013 | 0 | 0.013 |
| 9.9 | 0.011 | 0.013 | 0 | 0.013 |
| 9.9333 | 0.013 | 0.013 | 0 | 0.013 |
| 9.9667 | 0.0136 | 0.013 | 0 | 0.013 |
| 10 | 0.012 | 0.013 | 0.0013 | 0.0143 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 10.0333 | 0.0139 | 0 | 0.0013 | 0.0013 |
| 10.0667 | 0.0153 | 0 | 0 | 0 |
| 10.1 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 10.1333 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 10.1667 | 0.0143 | 0.013 | 0 | 0.013 |
| 10.2 | 0.013 | 0.013 | 0.0013 | 0.0143 |
| 10.2333 | 0.0126 | 0.013 | 0 | 0.013 |
| 10.2667 | 0.0133 | 0 | 0.0013 | 0.0013 |
| 10.3 | 0.0133 | 0.013 | 0.0013 | 0.0143 |
| 10.3333 | 0.01 | 0 | 0 | 0 |
| 10.3667 | 0.0136 | 0.013 | 0 | 0.013 |
| 10.4 | 0.0107 | 0 | 0 | 0 |
| 10.4333 | 0.0107 | 0 | 0 | 0 |
| 10.4667 | 0.011 | 0 | 0.0013 | 0.0013 |
| 10.5 | 0.0139 | 0 | 0.0013 | 0.0013 |
| 10.5333 | 0.011 | 0 | 0 | 0 |
| 10.5667 | 0.0113 | 0.013 | 0 | 0.013 |
| 10.6 | 0.0126 | 0 | 0 | 0 |
| 10.6333 | 0.0126 | 0 | 0 | 0 |
| 10.6667 | 0.011 | 0 | 0 | 0 |
| 10.7 | 0.0139 | 0 | 0 | 0 |
| 10.7333 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 10.7667 | 0.011 | 0 | 0.0013 | 0.0013 |
| 10.8 | 0.011 | 0 | 0 | 0 |
| 10.8333 | 0.0126 | 0 | 0 | 0 |
| 10.8667 | 0.0107 | 0.013 | 0 | 0.013 |
| 10.9 | 0.0146 | 0 | 0.0013 | 0.0013 |
| 10.9333 | 0.0139 | 0 | 0.0013 | 0.0013 |
| 10.9667 | 0.011 | 0.013 | 0 | 0.013 |
| 11 | 0.0133 | 0 | 0 | 0 |
| 11.0333 | 0.0103 | 0 | 0 | 0 |
| 11.0667 | 0.0146 | 0 | 0 | 0 |
| 11.1 | 0.0133 | 0 | 0 | 0 |
| 11.1333 | 0.0126 | 0 | 0 | 0 |
| 11.1667 | 0.011 | 0.013 | 0.0013 | 0.0143 |
| 11.2 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 11.2333 | 0.01 | 0 | 0 | 0 |
| 11.2667 | 0.0103 | 0 | 0 | 0 |
| 11.3 | 0.0123 | 0 | 0 | 0 |
| 11.3333 | 0.0116 | 0.013 | 0.0013 | 0.0143 |
| 11.3667 | 0.013 | 0.013 | 0.0013 | 0.0143 |
| 11.4 | 0.0103 | 0.013 | 0 | 0.013 |
| 11.4333 | 0.0113 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 11.4667 | 0.01 | 0 | 0.0013 | 0.0013 |
| 11.5 | 0.01 | 0.013 | 0 | 0.013 |
| 11.5333 | 0.0123 | 0 | 0 | 0 |
| 11.5667 | 0.009 | 0 | 0 | 0 |
| 11.6 | 0.0143 | 0.013 | 0 | 0.013 |
| 11.6333 | 0.012 | 0 | 0 | 0 |
| 11.6667 | 0.012 | 0.013 | 0 | 0.013 |
| 11.7 | 0.0139 | 0 | 0 | 0 |
| 11.7333 | 0.0126 | 0.013 | 0 | 0.013 |
| 11.7667 | 0.0103 | 0.013 | 0.0013 | 0.0143 |
| 11.8 | 0.0136 | 0 | 0 | 0 |
| 11.8333 | 0.0153 | 0.013 | 0 | 0.013 |
| 11.8667 | 0.0133 | 0.013 | 0.0013 | 0.0143 |
| 11.9 | 0.0133 | 0 | 0 | 0 |
| 11.9333 | 0.0097 | 0.013 | 0.0026 | 0.0156 |
| 11.9667 | 0.0133 | 0 | 0 | 0 |
| 12 | 0.0126 | 0.013 | 0 | 0.013 |
| 12.0333 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 12.0667 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 12.1 | 0.013 | 0 | 0 | 0 |
| 12.1333 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 12.1667 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 12.2 | 0.0143 | 0 | 0 | 0 |
| 12.2333 | 0.0126 | 0 | 0 | 0 |
| 12.2667 | 0.009 | 0 | 0 | 0 |
| 12.3 | 0.0143 | 0 | 0 | 0 |
| 12.3333 | 0.0107 | 0 | 0 | 0 |
| 12.3667 | 0.012 | 0 | 0 | 0 |
| 12.4 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 12.4333 | 0.0097 | 0.013 | 0.0013 | 0.0143 |
| 12.4667 | 0.0113 | 0 | 0 | 0 |
| 12.5 | 0.0107 | 0 | 0 | 0 |
| 12.5333 | 0.01 | 0 | 0 | 0 |
| 12.5667 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 12.6 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 12.6333 | 0.0133 | 0.0262 | 0.0013 | 0.0275 |
| 12.6667 | 0.0133 | 0.013 | 0 | 0.013 |
| 12.7 | 0.0113 | 0 | 0 | 0 |
| 12.7333 | 0.0123 | 0.0262 | 0.0013 | 0.0275 |
| 12.7667 | 0.0133 | 0 | 0.0013 | 0.0013 |
| 12.8 | 0.011 | 0 | 0 | 0 |
| 12.8333 | 0.0136 | 0 | 0.0013 | 0.0013 |
| 12.8667 | 0.012 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 12.9 | 0.012 | 0 | 0 | 0 |
| 12.9333 | 0.0116 | 0 | 0 | 0 |
| 12.9667 | 0.0136 | 0 | 0 | 0 |
| 13 | 0.0143 | 0.013 | 0.0013 | 0.0143 |
| 13.0333 | 0.013 | 0 | 0 | 0 |
| 13.0667 | 0.0097 | 0.013 | 0.0013 | 0.0143 |
| 13.1 | 0.0139 | 0.013 | 0 | 0.013 |
| 13.1333 | 0.011 | 0 | 0 | 0 |
| 13.1667 | 0.011 | 0.013 | 0.0013 | 0.0143 |
| 13.2 | 0.0139 | 0.013 | 0 | 0.013 |
| 13.2333 | 0.0116 | 0.013 | 0 | 0.013 |
| 13.2667 | 0.0139 | 0.013 | 0.0026 | 0.0156 |
| 13.3 | 0.0123 | 0.013 | 0 | 0.013 |
| 13.3333 | 0.0159 | 0 | 0.0013 | 0.0013 |
| 13.3667 | 0.0153 | 0.013 | 0.0013 | 0.0143 |
| 13.4 | 0.0136 | 0 | 0 | 0 |
| 13.4333 | 0.0126 | 0 | 0 | 0 |
| 13.4667 | 0.0113 | 0 | 0 | 0 |
| 13.5 | 0.013 | 0.013 | 0 | 0.013 |
| 13.5333 | 0.0116 | 0.013 | 0.0013 | 0.0143 |
| 13.5667 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 13.6 | 0.012 | 0.013 | 0 | 0.013 |
| 13.6333 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 13.6667 | 0.0116 | 0.013 | 0 | 0.013 |
| 13.7 | 0.0103 | 0 | 0 | 0 |
| 13.7333 | 0.0113 | 0.013 | 0 | 0.013 |
| 13.7667 | 0.013 | 0 | 0 | 0 |
| 13.8 | 0.0133 | 0 | 0 | 0 |
| 13.8333 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 13.8667 | 0.0093 | 0.013 | 0 | 0.013 |
| 13.9 | 0.007 | 0 | 0 | 0 |
| 13.9333 | 0.009 | 0 | 0.0013 | 0.0013 |
| 13.9667 | 0.0126 | 0 | 0 | 0 |
| 14 | 0.013 | 0 | 0.0013 | 0.0013 |
| 14.0333 | 0.012 | 0 | 0.0026 | 0.0026 |
| 14.0667 | 0.013 | 0.013 | 0.0013 | 0.0143 |
| 14.1 | 0.0107 | 0 | 0 | 0 |
| 14.1333 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 14.1667 | 0.0126 | 0.013 | 0 | 0.013 |
| 14.2 | 0.0097 | 0.013 | 0 | 0.013 |
| 14.2333 | 0.0133 | 0.013 | 0.0013 | 0.0143 |
| 14.2667 | 0.011 | 0 | 0.0013 | 0.0013 |
| 14.3 | 0.012 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 14.3333 | 0.0126 | 0 | 0 | 0 |
| 14.3667 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 14.4 | 0.0126 | 0.013 | 0 | 0.013 |
| 14.4333 | 0.0103 | 0.013 | 0 | 0.013 |
| 14.4667 | 0.0126 | 0.013 | 0.0013 | 0.0143 |
| 14.5 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 14.5333 | 0.012 | 0.013 | 0 | 0.013 |
| 14.5667 | 0.013 | 0 | 0.0013 | 0.0013 |
| 14.6 | 0.0126 | 0 | 0 | 0 |
| 14.6333 | 0.0103 | 0.013 | 0 | 0.013 |
| 14.6667 | 0.0107 | 0 | 0 | 0 |
| 14.7 | 0.0097 | 0 | 0 | 0 |
| 14.7333 | 0.0139 | 0 | 0 | 0 |
| 14.7667 | 0.0113 | 0 | 0 | 0 |
| 14.8 | 0.0113 | 0.013 | 0 | 0.013 |
| 14.8333 | 0.0107 | 0 | 0 | 0 |
| 14.8667 | 0.0103 | 0.013 | 0 | 0.013 |
| 14.9 | 0.0126 | 0 | 0 | 0 |
| 14.9333 | 0.011 | 0 | 0.0013 | 0.0013 |
| 14.9667 | 0.0133 | 0.013 | 0 | 0.013 |
| 15 | 0.0136 | 0.013 | 0 | 0.013 |
| 15.0333 | 0.0166 | 0 | 0.0013 | 0.0013 |
| 15.0667 | 0.0136 | 0.013 | 0 | 0.013 |
| 15.1 | 0.0146 | 0 | 0.0013 | 0.0013 |
| 15.1333 | 0.0146 | 0 | 0.0013 | 0.0013 |
| 15.1667 | 0.0123 | 0.013 | 0 | 0.013 |
| 15.2 | 0.013 | 0 | 0 | 0 |
| 15.2333 | 0.012 | 0 | 0 | 0 |
| 15.2667 | 0.011 | 0 | 0 | 0 |
| 15.3 | 0.0133 | 0 | 0 | 0 |
| 15.3333 | 0.0143 | 0 | 0 | 0 |
| 15.3667 | 0.011 | 0 | 0.0013 | 0.0013 |
| 15.4 | 0.013 | 0 | 0 | 0 |
| 15.4333 | 0.0133 | 0.013 | 0.0026 | 0.0156 |
| 15.4667 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 15.5 | 0.0136 | 0.013 | 0.0013 | 0.0143 |
| 15.5333 | 0.0116 | 0.0262 | 0 | 0.0262 |
| 15.5667 | 0.0107 | 0 | 0.0026 | 0.0026 |
| 15.6 | 0.0113 | 0.013 | 0 | 0.013 |
| 15.6333 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 15.6667 | 0.0126 | 0.013 | 0 | 0.013 |
| 15.7 | 0.008 | 0.0393 | 0 | 0.0393 |
| 15.7333 | 0.008 | 0.013 | 0 | 0.013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 15.7667 | 0.0126 | 0 | 0 | 0 |
| 15.8 | 0.0133 | 0 | 0.0026 | 0.0026 |
| 15.8333 | 0.013 | 0 | 0 | 0 |
| 15.8667 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 15.9 | 0.009 | 0.013 | 0 | 0.013 |
| 15.9333 | 0.0136 | 0.013 | 0 | 0.013 |
| 15.9667 | 0.0116 | 0 | 0 | 0 |
| 16 | 0.0113 | 0.013 | 0 | 0.013 |
| 16.0333 | 0.0123 | 0 | 0 | 0 |
| 16.0667 | 0.013 | 0 | 0.0013 | 0.0013 |
| 16.1 | 0.0123 | 0 | 0 | 0 |
| 16.1333 | 0.0116 | 0.013 | 0.0013 | 0.0143 |
| 16.1667 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 16.2 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 16.2333 | 0.01 | 0 | 0.0013 | 0.0013 |
| 16.2667 | 0.01 | 0.013 | 0.0013 | 0.0143 |
| 16.3 | 0.012 | 0.013 | 0 | 0.013 |
| 16.3333 | 0.0126 | 0 | 0 | 0 |
| 16.3667 | 0.0113 | 0.013 | 0 | 0.013 |
| 16.4 | 0.0093 | 0 | 0 | 0 |
| 16.4333 | 0.0113 | 0 | 0 | 0 |
| 16.4667 | 0.0113 | 0.013 | 0.0013 | 0.0143 |
| 16.5 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 16.5333 | 0.011 | 0 | 0.0013 | 0.0013 |
| 16.5667 | 0.0123 | 0.013 | 0.0026 | 0.0156 |
| 16.6 | 0.0126 | 0 | 0 | 0 |
| 16.6333 | 0.0107 | 0 | 0 | 0 |
| 16.6667 | 0.011 | 0 | 0.0013 | 0.0013 |
| 16.7 | 0.0123 | 0.013 | 0.0013 | 0.0143 |
| 16.7333 | 0.0116 | 0 | 0 | 0 |
| 16.7667 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 16.8 | 0.0133 | 0 | 0.0013 | 0.0013 |
| 16.8333 | 0.0139 | 0 | 0.0026 | 0.0026 |
| 16.8667 | 0.0113 | 0 | 0 | 0 |
| 16.9 | 0.0113 | 0 | 0 | 0 |
| 16.9333 | 0.0136 | 0 | 0.0013 | 0.0013 |
| 16.9667 | 0.011 | 0.013 | 0 | 0.013 |
| 17 | 0.012 | 0.013 | 0.0013 | 0.0143 |
| 17.0333 | 0.0113 | 0 | 0 | 0 |
| 17.0667 | 0.012 | 0 | 0 | 0 |
| 17.1 | 0.012 | 0 | 0 | 0 |
| 17.1333 | 0.0113 | 0 | 0 | 0 |
| 17.1667 | 0.01 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 17.2 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 17.2333 | 0.0097 | 0 | 0 | 0 |
| 17.2667 | 0.008 | 0 | 0 | 0 |
| 17.3 | 0.0084 | 0 | 0 | 0 |
| 17.3333 | 0.0126 | 0.013 | 0 | 0.013 |
| 17.3667 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 17.4 | 0.013 | 0 | 0 | 0 |
| 17.4333 | 0.0116 | 0.013 | 0.0026 | 0.0156 |
| 17.4667 | 0.008 | 0.013 | 0 | 0.013 |
| 17.5 | 0.012 | 0 | 0 | 0 |
| 17.5333 | 0.0103 | 0 | 0 | 0 |
| 17.5667 | 0.01 | 0 | 0.0013 | 0.0013 |
| 17.6 | 0.009 | 0.013 | 0 | 0.013 |
| 17.6333 | 0.0097 | 0 | 0 | 0 |
| 17.6667 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 17.7 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 17.7333 | 0.012 | 0.013 | 0 | 0.013 |
| 17.7667 | 0.008 | 0.013 | 0 | 0.013 |
| 17.8 | 0.011 | 0 | 0.0013 | 0.0013 |
| 17.8333 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 17.8667 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 17.9 | 0.0113 | 0 | 0 | 0 |
| 17.9333 | 0.0136 | 0.013 | 0 | 0.013 |
| 17.9667 | 0.0116 | 0 | 0 | 0 |
| 18 | 0.0107 | 0 | 0 | 0 |
| 18.0333 | 0.0126 | 0 | 0 | 0 |
| 18.0667 | 0.0123 | 0 | 0 | 0 |
| 18.1 | 0.0107 | 0 | 0 | 0 |
| 18.1333 | 0.0123 | 0.013 | 0 | 0.013 |
| 18.1667 | 0.0107 | 0.013 | 0 | 0.013 |
| 18.2 | 0.0087 | 0 | 0 | 0 |
| 18.2333 | 0.0123 | 0 | 0.0026 | 0.0026 |
| 18.2667 | 0.009 | 0 | 0.0013 | 0.0013 |
| 18.3 | 0.009 | 0.013 | 0.0013 | 0.0143 |
| 18.3333 | 0.009 | 0 | 0.0013 | 0.0013 |
| 18.3667 | 0.0067 | 0.013 | 0.0013 | 0.0143 |
| 18.4 | 0.0067 | 0.013 | 0 | 0.013 |
| 18.4333 | 0.0107 | 0 | 0 | 0 |
| 18.4667 | 0.0074 | 0.0262 | 0.0013 | 0.0275 |
| 18.5 | 0.0093 | 0 | 0 | 0 |
| 18.5333 | 0.0084 | 0.013 | 0 | 0.013 |
| 18.5667 | 0.0087 | 0.013 | 0 | 0.013 |
| 18.6 | 0.0103 | 0.013 | 0 | 0.013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 18.6333 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 18.6667 | 0.0097 | 0.0262 | 0 | 0.0262 |
| 18.7 | 0.008 | 0 | 0 | 0 |
| 18.7333 | 0.008 | 0 | 0 | 0 |
| 18.7667 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 18.8 | 0.0087 | 0.013 | 0 | 0.013 |
| 18.8333 | 0.008 | 0 | 0 | 0 |
| 18.8667 | 0.012 | 0.013 | 0 | 0.013 |
| 18.9 | 0.0116 | 0 | 0 | 0 |
| 18.9333 | 0.01 | 0 | 0.0013 | 0.0013 |
| 18.9667 | 0.0103 | 0 | 0 | 0 |
| 19 | 0.0087 | 0 | 0 | 0 |
| 19.0333 | 0.0084 | 0 | 0 | 0 |
| 19.0667 | 0.0084 | 0 | 0.0013 | 0.0013 |
| 19.1 | 0.0093 | 0 | 0 | 0 |
| 19.1333 | 0.011 | 0 | 0 | 0 |
| 19.1667 | 0.01 | 0 | 0.0013 | 0.0013 |
| 19.2 | 0.0097 | 0 | 0 | 0 |
| 19.2333 | 0.0087 | 0.0262 | 0 | 0.0262 |
| 19.2667 | 0.0097 | 0 | 0 | 0 |
| 19.3 | 0.0113 | 0.013 | 0.0013 | 0.0143 |
| 19.3333 | 0.0067 | 0 | 0 | 0 |
| 19.3667 | 0.0107 | 0.013 | 0 | 0.013 |
| 19.4 | 0.008 | 0 | 0.0013 | 0.0013 |
| 19.4333 | 0.0077 | 0.013 | 0 | 0.013 |
| 19.4667 | 0.008 | 0 | 0 | 0 |
| 19.5 | 0.0093 | 0.0262 | 0 | 0.0262 |
| 19.5333 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 19.5667 | 0.0087 | 0.013 | 0 | 0.013 |
| 19.6 | 0.009 | 0 | 0 | 0 |
| 19.6333 | 0.0077 | 0.013 | 0 | 0.013 |
| 19.6667 | 0.0077 | 0 | 0 | 0 |
| 19.7 | 0.0113 | 0 | 0 | 0 |
| 19.7333 | 0.0103 | 0 | 0 | 0 |
| 19.7667 | 0.01 | 0 | 0.0013 | 0.0013 |
| 19.8 | 0.0113 | 0.013 | 0.0013 | 0.0143 |
| 19.8333 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 19.8667 | 0.012 | 0 | 0.0013 | 0.0013 |
| 19.9 | 0.011 | 0 | 0 | 0 |
| 19.9333 | 0.009 | 0.013 | 0.0013 | 0.0143 |
| 19.9667 | 0.0074 | 0.013 | 0 | 0.013 |
| 20 | 0.0123 | 0.013 | 0 | 0.013 |
| 20.0333 | 0.0116 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 20.0667 | 0.0093 | 0 | 0 | 0 |
| 20.1 | 0.009 | 0 | 0 | 0 |
| 20.1333 | 0.0103 | 0.013 | 0 | 0.013 |
| 20.1667 | 0.0097 | 0 | 0 | 0 |
| 20.2 | 0.0103 | 0 | 0 | 0 |
| 20.2333 | 0.012 | 0 | 0 | 0 |
| 20.2667 | 0.01 | 0.013 | 0.0013 | 0.0143 |
| 20.3 | 0.011 | 0 | 0 | 0 |
| 20.3333 | 0.0107 | 0 | 0 | 0 |
| 20.3667 | 0.0123 | 0.013 | 0 | 0.013 |
| 20.4 | 0.0107 | 0.013 | 0.0026 | 0.0156 |
| 20.4333 | 0.0103 | 0.013 | 0.0013 | 0.0143 |
| 20.4667 | 0.0136 | 0.013 | 0 | 0.013 |
| 20.5 | 0.012 | 0 | 0 | 0 |
| 20.5333 | 0.0123 | 0 | 0 | 0 |
| 20.5667 | 0.012 | 0 | 0.0026 | 0.0026 |
| 20.6 | 0.0126 | 0.0262 | 0.0013 | 0.0275 |
| 20.6333 | 0.009 | 0 | 0 | 0 |
| 20.6667 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 20.7 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 20.7333 | 0.0084 | 0 | 0 | 0 |
| 20.7667 | 0.0107 | 0 | 0 | 0 |
| 20.8 | 0.011 | 0.013 | 0 | 0.013 |
| 20.8333 | 0.0126 | 0 | 0 | 0 |
| 20.8667 | 0.01 | 0 | 0 | 0 |
| 20.9 | 0.0093 | 0 | 0.0026 | 0.0026 |
| 20.9333 | 0.01 | 0 | 0 | 0 |
| 20.9667 | 0.0123 | 0 | 0 | 0 |
| 21 | 0.0093 | 0 | 0 | 0 |
| 21.0333 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 21.0667 | 0.0074 | 0.013 | 0 | 0.013 |
| 21.1 | 0.0103 | 0.013 | 0.0013 | 0.0143 |
| 21.1333 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 21.1667 | 0.007 | 0 | 0.0026 | 0.0026 |
| 21.2 | 0.011 | 0.013 | 0 | 0.013 |
| 21.2333 | 0.007 | 0.013 | 0 | 0.013 |
| 21.2667 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 21.3 | 0.008 | 0 | 0.0013 | 0.0013 |
| 21.3333 | 0.0107 | 0 | 0 | 0 |
| 21.3667 | 0.0113 | 0 | 0 | 0 |
| 21.4 | 0.011 | 0 | 0 | 0 |
| 21.4333 | 0.0103 | 0.013 | 0 | 0.013 |
| 21.4667 | 0.0103 | 0.013 | 0.0013 | 0.0143 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 21.5 | 0.0107 | 0 | 0 | 0 |
| 21.5333 | 0.01 | 0 | 0 | 0 |
| 21.5667 | 0.0084 | 0.013 | 0 | 0.013 |
| 21.6 | 0.0116 | 0.013 | 0 | 0.013 |
| 21.6333 | 0.0074 | 0.013 | 0.0013 | 0.0143 |
| 21.6667 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 21.7 | 0.0113 | 0 | 0 | 0 |
| 21.7333 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 21.7667 | 0.011 | 0 | 0 | 0 |
| 21.8 | 0.0103 | 0 | 0 | 0 |
| 21.8333 | 0.0097 | 0 | 0.0013 | 0.0013 |
| 21.8667 | 0.0113 | 0.013 | 0 | 0.013 |
| 21.9 | 0.0093 | 0.013 | 0 | 0.013 |
| 21.9333 | 0.0116 | 0.013 | 0.0013 | 0.0143 |
| 21.9667 | 0.0123 | 0.013 | 0.0013 | 0.0143 |
| 22 | 0.0139 | 0.013 | 0 | 0.013 |
| 22.0333 | 0.009 | 0 | 0 | 0 |
| 22.0667 | 0.01 | 0 | 0.0013 | 0.0013 |
| 22.1 | 0.0133 | 0.013 | 0.0013 | 0.0143 |
| 22.1333 | 0.008 | 0 | 0.0013 | 0.0013 |
| 22.1667 | 0.008 | 0 | 0 | 0 |
| 22.2 | 0.0077 | 0 | 0 | 0 |
| 22.2333 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 22.2667 | 0.0097 | 0 | 0 | 0 |
| 22.3 | 0.0116 | 0.0262 | 0 | 0.0262 |
| 22.3333 | 0.0107 | 0.013 | 0 | 0.013 |
| 22.3667 | 0.011 | 0 | 0 | 0 |
| 22.4 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 22.4333 | 0.011 | 0.013 | 0 | 0.013 |
| 22.4667 | 0.0143 | 0.013 | 0 | 0.013 |
| 22.5 | 0.0113 | 0 | 0 | 0 |
| 22.5333 | 0.0103 | 0 | 0 | 0 |
| 22.5667 | 0.0113 | 0 | 0 | 0 |
| 22.6 | 0.013 | 0 | 0.0026 | 0.0026 |
| 22.6333 | 0.007 | 0.013 | 0 | 0.013 |
| 22.6667 | 0.01 | 0 | 0.0013 | 0.0013 |
| 22.7 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 22.7333 | 0.011 | 0 | 0 | 0 |
| 22.7667 | 0.01 | 0 | 0 | 0 |
| 22.8 | 0.008 | 0 | 0.0013 | 0.0013 |
| 22.8333 | 0.0113 | 0.013 | 0 | 0.013 |
| 22.8667 | 0.0103 | 0 | 0 | 0 |
| 22.9 | 0.0113 | 0.013 | 0 | 0.013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 22.9333 | 0.0116 | 0.013 | 0.0013 | 0.0143 |
| 22.9667 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 23 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 23.0333 | 0.0126 | 0 | 0.0026 | 0.0026 |
| 23.0667 | 0.01 | 0.013 | 0 | 0.013 |
| 23.1 | 0.013 | 0 | 0.0013 | 0.0013 |
| 23.1333 | 0.01 | 0 | 0 | 0 |
| 23.1667 | 0.0064 | 0 | 0.0013 | 0.0013 |
| 23.2 | 0.0093 | 0 | 0 | 0 |
| 23.2333 | 0.0107 | 0.013 | 0.0026 | 0.0156 |
| 23.2667 | 0.008 | 0.013 | 0 | 0.013 |
| 23.3 | 0.009 | 0 | 0 | 0 |
| 23.3333 | 0.0097 | 0.013 | 0 | 0.013 |
| 23.3667 | 0.0103 | 0.013 | 0.0013 | 0.0143 |
| 23.4 | 0.0093 | 0.013 | 0 | 0.013 |
| 23.4333 | 0.009 | 0 | 0.0013 | 0.0013 |
| 23.4667 | 0.0093 | 0.013 | 0.0026 | 0.0156 |
| 23.5 | 0.008 | 0 | 0.0013 | 0.0013 |
| 23.5333 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 23.5667 | 0.0103 | 0 | 0 | 0 |
| 23.6 | 0.0097 | 0 | 0 | 0 |
| 23.6333 | 0.0107 | 0 | 0.0026 | 0.0026 |
| 23.6667 | 0.0116 | 0 | 0 | 0 |
| 23.7 | 0.0116 | 0 | 0 | 0 |
| 23.7333 | 0.01 | 0.013 | 0 | 0.013 |
| 23.7667 | 0.012 | 0.013 | 0 | 0.013 |
| 23.8 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 23.8333 | 0.01 | 0.013 | 0.0013 | 0.0143 |
| 23.8667 | 0.013 | 0.013 | 0 | 0.013 |
| 23.9 | 0.012 | 0 | 0 | 0 |
| 23.9333 | 0.0136 | 0 | 0 | 0 |
| 23.9667 | 0.01 | 0.013 | 0 | 0.013 |
| 24 | 0.0123 | 0 | 0 | 0 |
| 24.0333 | 0.0126 | 0.013 | 0.0013 | 0.0143 |
| 24.0667 | 0.0097 | 0 | 0 | 0 |
| 24.1 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 24.1333 | 0.0084 | 0 | 0 | 0 |
| 24.1667 | 0.008 | 0 | 0.0013 | 0.0013 |
| 24.2 | 0.01 | 0 | 0.0013 | 0.0013 |
| 24.2333 | 0.0133 | 0 | 0.0013 | 0.0013 |
| 24.2667 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 24.3 | 0.0107 | 0 | 0 | 0 |
| 24.3333 | 0.0126 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 24.3667 | 0.0097 | 0.013 | 0 | 0.013 |
| 24.4 | 0.0116 | 0.0262 | 0 | 0.0262 |
| 24.4333 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 24.4667 | 0.0103 | 0.013 | 0 | 0.013 |
| 24.5 | 0.0123 | 0.013 | 0 | 0.013 |
| 24.5333 | 0.013 | 0 | 0 | 0 |
| 24.5667 | 0.011 | 0.013 | 0 | 0.013 |
| 24.6 | 0.0133 | 0.013 | 0.0026 | 0.0156 |
| 24.6333 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 24.6667 | 0.01 | 0 | 0.0013 | 0.0013 |
| 24.7 | 0.0093 | 0.013 | 0 | 0.013 |
| 24.7333 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 24.7667 | 0.012 | 0 | 0 | 0 |
| 24.8 | 0.013 | 0 | 0 | 0 |
| 24.8333 | 0.013 | 0 | 0 | 0 |
| 24.8667 | 0.0143 | 0 | 0.0013 | 0.0013 |
| 24.9 | 0.0126 | 0 | 0 | 0 |
| 24.9333 | 0.0103 | 0 | 0 | 0 |
| 24.9667 | 0.01 | 0 | 0 | 0 |
| 25 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 25.0333 | 0.0093 | 0.013 | 0.0013 | 0.0143 |
| 25.0667 | 0.011 | 0 | 0 | 0 |
| 25.1 | 0.01 | 0 | 0 | 0 |
| 25.1333 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 25.1667 | 0.0116 | 0.013 | 0.0013 | 0.0143 |
| 25.2 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 25.2333 | 0.0064 | 0.013 | 0 | 0.013 |
| 25.2667 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 25.3 | 0.0084 | 0 | 0 | 0 |
| 25.3333 | 0.012 | 0 | 0.0013 | 0.0013 |
| 25.3667 | 0.011 | 0 | 0 | 0 |
| 25.4 | 0.011 | 0.013 | 0 | 0.013 |
| 25.4333 | 0.0133 | 0 | 0 | 0 |
| 25.4667 | 0.011 | 0 | 0.0013 | 0.0013 |
| 25.5 | 0.011 | 0 | 0.0013 | 0.0013 |
| 25.5333 | 0.013 | 0 | 0.0013 | 0.0013 |
| 25.5667 | 0.0103 | 0.013 | 0.0013 | 0.0143 |
| 25.6 | 0.0097 | 0.013 | 0 | 0.013 |
| 25.6333 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 25.6667 | 0.0097 | 0 | 0 | 0 |
| 25.7 | 0.009 | 0 | 0.0013 | 0.0013 |
| 25.7333 | 0.0107 | 0.013 | 0 | 0.013 |
| 25.7667 | 0.0126 | 0.013 | 0.0013 | 0.0143 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 25.8 | 0.013 | 0 | 0 | 0 |
| 25.8333 | 0.009 | 0.013 | 0.0013 | 0.0143 |
| 25.8667 | 0.0133 | 0.013 | 0 | 0.013 |
| 25.9 | 0.0116 | 0.013 | 0.0013 | 0.0143 |
| 25.9333 | 0.0133 | 0 | 0.0013 | 0.0013 |
| 25.9667 | 0.011 | 0.013 | 0.0013 | 0.0143 |
| 26 | 0.0087 | 0.013 | 0 | 0.013 |
| 26.0333 | 0.0116 | 0 | 0 | 0 |
| 26.0667 | 0.009 | 0 | 0 | 0 |
| 26.1 | 0.009 | 0.013 | 0 | 0.013 |
| 26.1333 | 0.0136 | 0.013 | 0 | 0.013 |
| 26.1667 | 0.008 | 0 | 0 | 0 |
| 26.2 | 0.011 | 0 | 0.0013 | 0.0013 |
| 26.2333 | 0.0107 | 0 | 0 | 0 |
| 26.2667 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 26.3 | 0.0113 | 0.013 | 0 | 0.013 |
| 26.3333 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 26.3667 | 0.013 | 0 | 0 | 0 |
| 26.4 | 0.0093 | 0 | 0 | 0 |
| 26.4333 | 0.0149 | 0.0262 | 0.0013 | 0.0275 |
| 26.4667 | 0.0113 | 0 | 0 | 0 |
| 26.5 | 0.012 | 0.0262 | 0.0013 | 0.0275 |
| 26.5333 | 0.0136 | 0.013 | 0.0013 | 0.0143 |
| 26.5667 | 0.0116 | 0.013 | 0.0013 | 0.0143 |
| 26.6 | 0.0126 | 0 | 0 | 0 |
| 26.6333 | 0.0136 | 0.0262 | 0.0013 | 0.0275 |
| 26.6667 | 0.0123 | 0 | 0 | 0 |
| 26.7 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 26.7333 | 0.0116 | 0 | 0 | 0 |
| 26.7667 | 0.0126 | 0 | 0 | 0 |
| 26.8 | 0.0139 | 0 | 0.0013 | 0.0013 |
| 26.8333 | 0.0126 | 0.013 | 0 | 0.013 |
| 26.8667 | 0.0126 | 0 | 0 | 0 |
| 26.9 | 0.01 | 0 | 0 | 0 |
| 26.9333 | 0.0139 | 0 | 0.0013 | 0.0013 |
| 26.9667 | 0.0116 | 0.013 | 0 | 0.013 |
| 27 | 0.01 | 0 | 0 | 0 |
| 27.0333 | 0.013 | 0.013 | 0 | 0.013 |
| 27.0667 | 0.0136 | 0.013 | 0 | 0.013 |
| 27.1 | 0.0097 | 0.0262 | 0.0013 | 0.0275 |
| 27.1333 | 0.013 | 0 | 0 | 0 |
| 27.1667 | 0.0116 | 0 | 0.0026 | 0.0026 |
| 27.2 | 0.0077 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 27.2333 | 0.013 | 0.013 | 0.0013 | 0.0143 |
| 27.2667 | 0.0103 | 0.013 | 0.0013 | 0.0143 |
| 27.3 | 0.01 | 0 | 0.0013 | 0.0013 |
| 27.3333 | 0.013 | 0 | 0 | 0 |
| 27.3667 | 0.0126 | 0 | 0 | 0 |
| 27.4 | 0.012 | 0.013 | 0.0013 | 0.0143 |
| 27.4333 | 0.013 | 0.013 | 0 | 0.013 |
| 27.4667 | 0.0123 | 0 | 0 | 0 |
| 27.5 | 0.0123 | 0 | 0 | 0 |
| 27.5333 | 0.0143 | 0 | 0 | 0 |
| 27.5667 | 0.0107 | 0.013 | 0.0013 | 0.0143 |
| 27.6 | 0.0113 | 0 | 0 | 0 |
| 27.6333 | 0.0126 | 0 | 0 | 0 |
| 27.6667 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 27.7 | 0.0116 | 0.013 | 0 | 0.013 |
| 27.7333 | 0.012 | 0.013 | 0 | 0.013 |
| 27.7667 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 27.8 | 0.0146 | 0 | 0.0013 | 0.0013 |
| 27.8333 | 0.013 | 0.013 | 0 | 0.013 |
| 27.8667 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 27.9 | 0.0149 | 0 | 0 | 0 |
| 27.9333 | 0.0116 | 0.013 | 0 | 0.013 |
| 27.9667 | 0.0143 | 0 | 0.0013 | 0.0013 |
| 28 | 0.011 | 0 | 0.0013 | 0.0013 |
| 28.0333 | 0.013 | 0 | 0 | 0 |
| 28.0667 | 0.013 | 0.0262 | 0.0013 | 0.0275 |
| 28.1 | 0.013 | 0 | 0 | 0 |
| 28.1333 | 0.0136 | 0.0262 | 0 | 0.0262 |
| 28.1667 | 0.012 | 0.013 | 0 | 0.013 |
| 28.2 | 0.0097 | 0 | 0 | 0 |
| 28.2333 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 28.2667 | 0.0126 | 0.013 | 0 | 0.013 |
| 28.3 | 0.0116 | 0.013 | 0.0013 | 0.0143 |
| 28.3333 | 0.012 | 0 | 0 | 0 |
| 28.3667 | 0.0123 | 0.013 | 0 | 0.013 |
| 28.4 | 0.0107 | 0.0262 | 0.0026 | 0.0288 |
| 28.4333 | 0.0103 | 0.013 | 0 | 0.013 |
| 28.4667 | 0.012 | 0 | 0.0013 | 0.0013 |
| 28.5 | 0.0126 | 0.013 | 0 | 0.013 |
| 28.5333 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 28.5667 | 0.011 | 0.013 | 0 | 0.013 |
| 28.6 | 0.0116 | 0.013 | 0 | 0.013 |
| 28.6333 | 0.0133 | 0.013 | 0.0013 | 0.0143 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 28.6667 | 0.0133 | 0 | 0.0013 | 0.0013 |
| 28.7 | 0.0103 | 0.013 | 0 | 0.013 |
| 28.7333 | 0.0153 | 0 | 0 | 0 |
| 28.7667 | 0.0107 | 0.013 | 0.0013 | 0.0143 |
| 28.8 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 28.8333 | 0.01 | 0 | 0 | 0 |
| 28.8667 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 28.9 | 0.0113 | 0.013 | 0.0026 | 0.0156 |
| 28.9333 | 0.0143 | 0 | 0 | 0 |
| 28.9667 | 0.0103 | 0.013 | 0 | 0.013 |
| 29 | 0.0136 | 0 | 0 | 0 |
| 29.0333 | 0.013 | 0 | 0.0013 | 0.0013 |
| 29.0667 | 0.012 | 0.013 | 0.0013 | 0.0143 |
| 29.1 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 29.1333 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 29.1667 | 0.0136 | 0 | 0 | 0 |
| 29.2 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 29.2333 | 0.013 | 0 | 0.0013 | 0.0013 |
| 29.2667 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 29.3 | 0.012 | 0.013 | 0 | 0.013 |
| 29.3333 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 29.3667 | 0.012 | 0.013 | 0.0013 | 0.0143 |
| 29.4 | 0.0103 | 0.013 | 0.0013 | 0.0143 |
| 29.4333 | 0.012 | 0 | 0 | 0 |
| 29.4667 | 0.0136 | 0 | 0.0013 | 0.0013 |
| 29.5 | 0.0116 | 0.013 | 0.0013 | 0.0143 |
| 29.5333 | 0.0136 | 0.013 | 0 | 0.013 |
| 29.5667 | 0.0133 | 0 | 0 | 0 |
| 29.6 | 0.0116 | 0 | 0 | 0 |
| 29.6333 | 0.013 | 0 | 0 | 0 |
| 29.6667 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 29.7 | 0.011 | 0 | 0.0026 | 0.0026 |
| 29.7333 | 0.013 | 0 | 0.0013 | 0.0013 |
| 29.7667 | 0.0139 | 0 | 0 | 0 |
| 29.8 | 0.0143 | 0 | 0 | 0 |
| 29.8333 | 0.0123 | 0 | 0 | 0 |
| 29.8667 | 0.011 | 0.0262 | 0 | 0.0262 |
| 29.9 | 0.0123 | 0 | 0 | 0 |
| 29.9333 | 0.0126 | 0 | 0 | 0 |
| 29.9667 | 0.0107 | 0.013 | 0 | 0.013 |
| 30 | 0.0139 | 0 | 0.0013 | 0.0013 |
| 30.0333 | 0.012 | 0 | 0 | 0 |
| 30.0667 | 0.0146 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 30.1 | 0.0103 | 0 | 0 | 0 |
| 30.1333 | 0.0126 | 0 | 0 | 0 |
| 30.1667 | 0.008 | 0 | 0 | 0 |
| 30.2 | 0.0113 | 0 | 0 | 0 |
| 30.2333 | 0.013 | 0 | 0 | 0 |
| 30.2667 | 0.0126 | 0.013 | 0.0013 | 0.0143 |
| 30.3 | 0.0113 | 0.013 | 0 | 0.013 |
| 30.3333 | 0.0113 | 0.013 | 0 | 0.013 |
| 30.3667 | 0.0146 | 0.013 | 0 | 0.013 |
| 30.4 | 0.011 | 0 | 0 | 0 |
| 30.4333 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 30.4667 | 0.0113 | 0.013 | 0 | 0.013 |
| 30.5 | 0.0103 | 0.013 | 0 | 0.013 |
| 30.5333 | 0.0116 | 0.013 | 0.0013 | 0.0143 |
| 30.5667 | 0.011 | 0.013 | 0 | 0.013 |
| 30.6 | 0.0143 | 0 | 0 | 0 |
| 30.6333 | 0.0107 | 0.013 | 0.0013 | 0.0143 |
| 30.6667 | 0.0107 | 0.013 | 0 | 0.013 |
| 30.7 | 0.0126 | 0.013 | 0.0013 | 0.0143 |
| 30.7333 | 0.0139 | 0 | 0 | 0 |
| 30.7667 | 0.0084 | 0 | 0.0013 | 0.0013 |
| 30.8 | 0.0123 | 0.013 | 0 | 0.013 |
| 30.8333 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 30.8667 | 0.012 | 0 | 0.0013 | 0.0013 |
| 30.9 | 0.0146 | 0 | 0 | 0 |
| 30.9333 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 30.9667 | 0.012 | 0.013 | 0.0013 | 0.0143 |
| 31 | 0.0133 | 0 | 0.0039 | 0.0039 |
| 31.0333 | 0.0136 | 0 | 0 | 0 |
| 31.0667 | 0.012 | 0.013 | 0 | 0.013 |
| 31.1 | 0.0146 | 0.013 | 0 | 0.013 |
| 31.1333 | 0.013 | 0.013 | 0 | 0.013 |
| 31.1667 | 0.013 | 0 | 0 | 0 |
| 31.2 | 0.009 | 0.013 | 0 | 0.013 |
| 31.2333 | 0.0113 | 0 | 0.0026 | 0.0026 |
| 31.2667 | 0.0107 | 0.013 | 0.0026 | 0.0156 |
| 31.3 | 0.0093 | 0 | 0 | 0 |
| 31.3333 | 0.011 | 0.013 | 0.0013 | 0.0143 |
| 31.3667 | 0.0133 | 0.0262 | 0 | 0.0262 |
| 31.4 | 0.011 | 0.013 | 0.0026 | 0.0156 |
| 31.4333 | 0.0116 | 0.013 | 0 | 0.013 |
| 31.4667 | 0.0097 | 0.013 | 0 | 0.013 |
| 31.5 | 0.01 | 0.013 | 0 | 0.013 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 31.5333 | 0.0107 | 0.013 | 0 | 0.013 |
| 31.5667 | 0.008 | 0 | 0 | 0 |
| 31.6 | 0.0107 | 0 | 0 | 0 |
| 31.6333 | 0.0084 | 0.013 | 0.0013 | 0.0143 |
| 31.6667 | 0.012 | 0 | 0.0013 | 0.0013 |
| 31.7 | 0.0133 | 0.013 | 0.0026 | 0.0156 |
| 31.7333 | 0.0103 | 0 | 0.0026 | 0.0026 |
| 31.7667 | 0.0133 | 0 | 0 | 0 |
| 31.8 | 0.0113 | 0 | 0 | 0 |
| 31.8333 | 0.0133 | 0.013 | 0 | 0.013 |
| 31.8667 | 0.0126 | 0.013 | 0 | 0.013 |
| 31.9 | 0.0126 | 0.013 | 0.0013 | 0.0143 |
| 31.9333 | 0.0139 | 0 | 0 | 0 |
| 31.9667 | 0.0159 | 0.013 | 0 | 0.013 |
| 32 | 0.012 | 0 | 0 | 0 |
| 32.0333 | 0.0116 | 0 | 0 | 0 |
| 32.0667 | 0.0159 | 0.013 | 0.0013 | 0.0143 |
| 32.1 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 32.1333 | 0.01 | 0.013 | 0.0026 | 0.0156 |
| 32.1667 | 0.0116 | 0.013 | 0 | 0.013 |
| 32.2 | 0.0123 | 0 | 0 | 0 |
| 32.2333 | 0.0133 | 0.013 | 0.0013 | 0.0143 |
| 32.2667 | 0.008 | 0 | 0 | 0 |
| 32.3 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 32.3333 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 32.3667 | 0.0116 | 0.0262 | 0.0013 | 0.0275 |
| 32.4 | 0.011 | 0 | 0 | 0 |
| 32.4333 | 0.0093 | 0 | 0.0026 | 0.0026 |
| 32.4667 | 0.01 | 0 | 0 | 0 |
| 32.5 | 0.0126 | 0 | 0 | 0 |
| 32.5333 | 0.0126 | 0.013 | 0.0013 | 0.0143 |
| 32.5667 | 0.011 | 0 | 0.0013 | 0.0013 |
| 32.6 | 0.011 | 0.013 | 0 | 0.013 |
| 32.6333 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 32.6667 | 0.012 | 0 | 0 | 0 |
| 32.7 | 0.0133 | 0.013 | 0.0013 | 0.0143 |
| 32.7333 | 0.0107 | 0 | 0 | 0 |
| 32.7667 | 0.0126 | 0 | 0 | 0 |
| 32.8 | 0.009 | 0 | 0 | 0 |
| 32.8333 | 0.0123 | 0 | 0 | 0 |
| 32.8667 | 0.012 | 0 | 0 | 0 |
| 32.9 | 0.0103 | 0.013 | 0 | 0.013 |
| 32.9333 | 0.0093 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 32.9667 | 0.012 | 0 | 0 | 0 |
| 33 | 0.01 | 0.0262 | 0 | 0.0262 |
| 33.0333 | 0.0093 | 0 | 0 | 0 |
| 33.0667 | 0.008 | 0 | 0 | 0 |
| 33.1 | 0.01 | 0.013 | 0.0013 | 0.0143 |
| 33.1333 | 0.0107 | 0.013 | 0 | 0.013 |
| 33.1667 | 0.01 | 0 | 0 | 0 |
| 33.2 | 0.0107 | 0.013 | 0 | 0.013 |
| 33.2333 | 0.0139 | 0 | 0 | 0 |
| 33.2667 | 0.011 | 0 | 0.0013 | 0.0013 |
| 33.3 | 0.01 | 0 | 0 | 0 |
| 33.3333 | 0.012 | 0.013 | 0.0013 | 0.0143 |
| 33.3667 | 0.0107 | 0 | 0 | 0 |
| 33.4 | 0.01 | 0.013 | 0 | 0.013 |
| 33.4333 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 33.4667 | 0.0116 | 0 | 0 | 0 |
| 33.5 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 33.5333 | 0.012 | 0 | 0 | 0 |
| 33.5667 | 0.0146 | 0.013 | 0 | 0.013 |
| 33.6 | 0.0126 | 0.013 | 0.0013 | 0.0143 |
| 33.6333 | 0.0113 | 0 | 0 | 0 |
| 33.6667 | 0.0107 | 0 | 0.0026 | 0.0026 |
| 33.7 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 33.7333 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 33.7667 | 0.012 | 0 | 0 | 0 |
| 33.8 | 0.012 | 0 | 0.0013 | 0.0013 |
| 33.8333 | 0.0136 | 0.013 | 0 | 0.013 |
| 33.8667 | 0.0133 | 0.013 | 0.0013 | 0.0143 |
| 33.9 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 33.9333 | 0.0143 | 0 | 0 | 0 |
| 33.9667 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 34 | 0.0159 | 0.013 | 0 | 0.013 |
| 34.0333 | 0.0176 | 0 | 0 | 0 |
| 34.0667 | 0.0153 | 0.013 | 0.0013 | 0.0143 |
| 34.1 | 0.0215 | 0 | 0 | 0 |
| 34.1333 | 0.0311 | 0.013 | 0 | 0.013 |
| 34.1667 | 0.0419 | 0 | 0 | 0 |
| 34.2 | 0.0502 | 0.013 | 0 | 0.013 |
| 34.2333 | 0.0643 | 0.013 | 0.0013 | 0.0143 |
| 34.2667 | 0.0699 | 0 | 0 | 0 |
| 34.3 | 0.0778 | 0.013 | 0.0013 | 0.0143 |
| 34.3333 | 0.0896 | 0 | 0 | 0 |
| 34.3667 | 0.0936 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 34.4 | 0.1058 | 0.013 | 0 | 0.013 |
| 34.4333 | 0.1101 | 0.0262 | 0 | 0.0262 |
| 34.4667 | 0.1193 | 0 | 0 | 0 |
| 34.5 | 0.1265 | 0 | 0 | 0 |
| 34.5333 | 0.1305 | 0 | 0.0013 | 0.0013 |
| 34.5667 | 0.139 | 0.013 | 0 | 0.013 |
| 34.6 | 0.1449 | 0 | 0.0013 | 0.0013 |
| 34.6333 | 0.1505 | 0 | 0 | 0 |
| 34.6667 | 0.1598 | 0 | 0.0026 | 0.0026 |
| 34.7 | 0.1617 | 0 | 0.0026 | 0.0026 |
| 34.7333 | 0.1657 | 0 | 0.0013 | 0.0013 |
| 34.7667 | 0.1693 | 0.013 | 0.0013 | 0.0143 |
| 34.8 | 0.1703 | 0.013 | 0.0013 | 0.0143 |
| 34.8333 | 0.1716 | 0.0262 | 0 | 0.0262 |
| 34.8667 | 0.1739 | 0.013 | 0.0026 | 0.0156 |
| 34.9 | 0.1683 | 0 | 0 | 0 |
| 34.9333 | 0.1713 | 0.013 | 0 | 0.013 |
| 34.9667 | 0.1673 | 0 | 0.0026 | 0.0026 |
| 35 | 0.1683 | 0 | 0 | 0 |
| 35.0333 | 0.1686 | 0 | 0 | 0 |
| 35.0667 | 0.1683 | 0 | 0.0013 | 0.0013 |
| 35.1 | 0.1663 | 0.013 | 0 | 0.013 |
| 35.1333 | 0.1683 | 0.013 | 0.0013 | 0.0143 |
| 35.1667 | 0.167 | 0 | 0 | 0 |
| 35.2 | 0.163 | 0 | 0 | 0 |
| 35.2333 | 0.1683 | 0 | 0 | 0 |
| 35.2667 | 0.166 | 0 | 0.0026 | 0.0026 |
| 35.3 | 0.1647 | 0.0262 | 0.0013 | 0.0275 |
| 35.3333 | 0.1634 | 0.013 | 0 | 0.013 |
| 35.3667 | 0.1677 | 0 | 0 | 0 |
| 35.4 | 0.165 | 0 | 0.0013 | 0.0013 |
| 35.4333 | 0.166 | 0 | 0.0013 | 0.0013 |
| 35.4667 | 0.165 | 0.013 | 0 | 0.013 |
| 35.5 | 0.1627 | 0 | 0 | 0 |
| 35.5333 | 0.1663 | 0 | 0.0013 | 0.0013 |
| 35.5667 | 0.1663 | 0 | 0 | 0 |
| 35.6 | 0.164 | 0 | 0.0013 | 0.0013 |
| 35.6333 | 0.1663 | 0 | 0 | 0 |
| 35.6667 | 0.1667 | 0.013 | 0.0013 | 0.0143 |
| 35.7 | 0.166 | 0.0262 | 0 | 0.0262 |
| 35.7333 | 0.167 | 0 | 0.0013 | 0.0013 |
| 35.7667 | 0.1657 | 0.013 | 0.0013 | 0.0143 |
| 35.8 | 0.165 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 35.8333 | 0.1673 | 0.013 | 0 | 0.013 |
| 35.8667 | 0.1667 | 0 | 0 | 0 |
| 35.9 | 0.167 | 0 | 0.0013 | 0.0013 |
| 35.9333 | 0.1709 | 0.013 | 0 | 0.013 |
| 35.9667 | 0.1667 | 0 | 0 | 0 |
| 36 | 0.1673 | 0 | 0.0013 | 0.0013 |
| 36.0333 | 0.1706 | 0.013 | 0 | 0.013 |
| 36.0667 | 0.168 | 0.013 | 0.0026 | 0.0156 |
| 36.1 | 0.1729 | 0 | 0.0013 | 0.0013 |
| 36.1333 | 0.1696 | 0.013 | 0 | 0.013 |
| 36.1667 | 0.1716 | 0 | 0 | 0 |
| 36.2 | 0.1739 | 0 | 0.0013 | 0.0013 |
| 36.2333 | 0.1723 | 0 | 0 | 0 |
| 36.2667 | 0.17 | 0.013 | 0.0013 | 0.0143 |
| 36.3 | 0.1746 | 0 | 0 | 0 |
| 36.3333 | 0.1742 | 0.013 | 0.0013 | 0.0143 |
| 36.3667 | 0.1739 | 0.013 | 0 | 0.013 |
| 36.4 | 0.1732 | 0 | 0.0013 | 0.0013 |
| 36.4333 | 0.1742 | 0.013 | 0.0026 | 0.0156 |
| 36.4667 | 0.1723 | 0 | 0 | 0 |
| 36.5 | 0.1736 | 0 | 0 | 0 |
| 36.5333 | 0.1756 | 0 | 0.0013 | 0.0013 |
| 36.5667 | 0.1798 | 0 | 0.0013 | 0.0013 |
| 36.6 | 0.1756 | 0 | 0 | 0 |
| 36.6333 | 0.1811 | 0 | 0 | 0 |
| 36.6667 | 0.1815 | 0.013 | 0.0013 | 0.0143 |
| 36.7 | 0.1838 | 0 | 0 | 0 |
| 36.7333 | 0.1841 | 0 | 0 | 0 |
| 36.7667 | 0.1821 | 0 | 0 | 0 |
| 36.8 | 0.1838 | 0 | 0 | 0 |
| 36.8333 | 0.1858 | 0 | 0 | 0 |
| 36.8667 | 0.1874 | 0.0262 | 0 | 0.0262 |
| 36.9 | 0.1848 | 0.013 | 0.0026 | 0.0156 |
| 36.9333 | 0.189 | 0.013 | 0 | 0.013 |
| 36.9667 | 0.19 | 0 | 0 | 0 |
| 37 | 0.1884 | 0.013 | 0.0013 | 0.0143 |
| 37.0333 | 0.19 | 0 | 0.0013 | 0.0013 |
| 37.0667 | 0.1914 | 0 | 0 | 0 |
| 37.1 | 0.1897 | 0 | 0 | 0 |
| 37.1333 | 0.1897 | 0 | 0 | 0 |
| 37.1667 | 0.1897 | 0.013 | 0.0013 | 0.0143 |
| 37.2 | 0.193 | 0.013 | 0.0013 | 0.0143 |
| 37.2333 | 0.1923 | 0.013 | 0.0013 | 0.0143 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 37.2667 | 0.1927 | 0 | 0 | 0 |
| 37.3 | 0.193 | 0.013 | 0 | 0.013 |
| 37.3333 | 0.194 | 0 | 0 | 0 |
| 37.3667 | 0.1946 | 0 | 0.0013 | 0.0013 |
| 37.4 | 0.1969 | 0 | 0 | 0 |
| 37.4333 | 0.1956 | 0 | 0.0013 | 0.0013 |
| 37.4667 | 0.1983 | 0.013 | 0.0013 | 0.0143 |
| 37.5 | 0.1976 | 0 | 0.0013 | 0.0013 |
| 37.5333 | 0.1976 | 0 | 0 | 0 |
| 37.5667 | 0.1989 | 0.013 | 0.0013 | 0.0143 |
| 37.6 | 0.1956 | 0 | 0 | 0 |
| 37.6333 | 0.1969 | 0 | 0 | 0 |
| 37.6667 | 0.2006 | 0 | 0 | 0 |
| 37.7 | 0.1966 | 0.013 | 0 | 0.013 |
| 37.7333 | 0.2002 | 0.013 | 0 | 0.013 |
| 37.7667 | 0.2002 | 0 | 0.0013 | 0.0013 |
| 37.8 | 0.1969 | 0 | 0 | 0 |
| 37.8333 | 0.1966 | 0.013 | 0.0013 | 0.0143 |
| 37.8667 | 0.2012 | 0 | 0 | 0 |
| 37.9 | 0.1996 | 0 | 0.0013 | 0.0013 |
| 37.9333 | 0.1983 | 0 | 0.0013 | 0.0013 |
| 37.9667 | 0.1976 | 0.013 | 0 | 0.013 |
| 38 | 0.1976 | 0.013 | 0 | 0.013 |
| 38.0333 | 0.1996 | 0 | 0 | 0 |
| 38.0667 | 0.1986 | 0 | 0 | 0 |
| 38.1 | 0.1986 | 0.013 | 0.0013 | 0.0143 |
| 38.1333 | 0.195 | 0.013 | 0 | 0.013 |
| 38.1667 | 0.1993 | 0.013 | 0.0013 | 0.0143 |
| 38.2 | 0.1976 | 0.013 | 0 | 0.013 |
| 38.2333 | 0.1969 | 0.0262 | 0.0013 | 0.0275 |
| 38.2667 | 0.1986 | 0 | 0.0026 | 0.0026 |
| 38.3 | 0.1993 | 0.0262 | 0 | 0.0262 |
| 38.3333 | 0.1973 | 0 | 0.0013 | 0.0013 |
| 38.3667 | 0.195 | 0 | 0.0013 | 0.0013 |
| 38.4 | 0.1946 | 0 | 0.0013 | 0.0013 |
| 38.4333 | 0.1933 | 0 | 0.0013 | 0.0013 |
| 38.4667 | 0.1963 | 0 | 0 | 0 |
| 38.5 | 0.196 | 0 | 0.0039 | 0.0039 |
| 38.5333 | 0.1937 | 0.013 | 0 | 0.013 |
| 38.5667 | 0.1927 | 0 | 0 | 0 |
| 38.6 | 0.1933 | 0.0262 | 0 | 0.0262 |
| 38.6333 | 0.189 | 0 | 0.0013 | 0.0013 |
| 38.6667 | 0.19 | 0.013 | 0.0013 | 0.0143 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 38.7 | 0.189 | 0 | 0.0013 | 0.0013 |
| 38.7333 | 0.1858 | 0 | 0.0013 | 0.0013 |
| 38.7667 | 0.1828 | 0 | 0 | 0 |
| 38.8 | 0.1831 | 0.013 | 0.0013 | 0.0143 |
| 38.8333 | 0.1828 | 0 | 0.0013 | 0.0013 |
| 38.8667 | 0.1811 | 0 | 0 | 0 |
| 38.9 | 0.1795 | 0.013 | 0 | 0.013 |
| 38.9333 | 0.1785 | 0.013 | 0 | 0.013 |
| 38.9667 | 0.1765 | 0.013 | 0.0013 | 0.0143 |
| 39 | 0.1785 | 0.013 | 0.0013 | 0.0143 |
| 39.0333 | 0.1752 | 0 | 0 | 0 |
| 39.0667 | 0.1782 | 0.013 | 0 | 0.013 |
| 39.1 | 0.1746 | 0.013 | 0 | 0.013 |
| 39.1333 | 0.1765 | 0 | 0 | 0 |
| 39.1667 | 0.1752 | 0.013 | 0 | 0.013 |
| 39.2 | 0.1752 | 0.013 | 0.0013 | 0.0143 |
| 39.2333 | 0.1736 | 0.013 | 0 | 0.013 |
| 39.2667 | 0.1726 | 0 | 0.0026 | 0.0026 |
| 39.3 | 0.1677 | 0.013 | 0.0013 | 0.0143 |
| 39.3333 | 0.1683 | 0.013 | 0 | 0.013 |
| 39.3667 | 0.1683 | 0 | 0 | 0 |
| 39.4 | 0.1706 | 0.013 | 0.0013 | 0.0143 |
| 39.4333 | 0.1673 | 0.0262 | 0 | 0.0262 |
| 39.4667 | 0.1667 | 0.013 | 0 | 0.013 |
| 39.5 | 0.164 | 0.013 | 0 | 0.013 |
| 39.5333 | 0.1617 | 0 | 0.0013 | 0.0013 |
| 39.5667 | 0.1601 | 0.013 | 0.0013 | 0.0143 |
| 39.6 | 0.1617 | 0 | 0 | 0 |
| 39.6333 | 0.163 | 0.013 | 0.0013 | 0.0143 |
| 39.6667 | 0.1601 | 0.013 | 0.0013 | 0.0143 |
| 39.7 | 0.1614 | 0 | 0.0013 | 0.0013 |
| 39.7333 | 0.1604 | 0.013 | 0.0013 | 0.0143 |
| 39.7667 | 0.1591 | 0 | 0 | 0 |
| 39.8 | 0.1617 | 0 | 0.0026 | 0.0026 |
| 39.8333 | 0.1604 | 0 | 0.0013 | 0.0013 |
| 39.8667 | 0.1601 | 0 | 0 | 0 |
| 39.9 | 0.1594 | 0.013 | 0 | 0.013 |
| 39.9333 | 0.1584 | 0.0262 | 0 | 0.0262 |
| 39.9667 | 0.1575 | 0 | 0 | 0 |
| 40 | 0.1555 | 0.013 | 0.0026 | 0.0156 |
| 40.0333 | 0.1591 | 0.013 | 0 | 0.013 |
| 40.0667 | 0.1575 | 0.013 | 0 | 0.013 |
| 40.1 | 0.1555 | 0 | 0 | 0 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 40.1333 | 0.1568 | 0 | 0 | 0 |
| 40.1667 | 0.1581 | 0 | 0 | 0 |
| 40.2 | 0.1551 | 0 | 0.0013 | 0.0013 |
| 40.2333 | 0.1551 | 0 | 0.0013 | 0.0013 |
| 40.2667 | 0.1535 | 0 | 0 | 0 |
| 40.3 | 0.1548 | 0.0262 | 0.0013 | 0.0275 |
| 40.3333 | 0.1545 | 0 | 0.0013 | 0.0013 |
| 40.3667 | 0.1555 | 0 | 0.0013 | 0.0013 |
| 40.4 | 0.1542 | 0 | 0 | 0 |
| 40.4333 | 0.1548 | 0 | 0.0013 | 0.0013 |
| 40.4667 | 0.1581 | 0 | 0 | 0 |
| 40.5 | 0.1568 | 0.013 | 0.0013 | 0.0143 |
| 40.5333 | 0.1568 | 0.013 | 0.0013 | 0.0143 |
| 40.5667 | 0.1575 | 0 | 0 | 0 |
| 40.6 | 0.1538 | 0.013 | 0.0026 | 0.0156 |
| 40.6333 | 0.1542 | 0.0262 | 0.0026 | 0.0288 |
| 40.6667 | 0.1548 | 0 | 0.0013 | 0.0013 |
| 40.7 | 0.1568 | 0 | 0.0013 | 0.0013 |
| 40.7333 | 0.1584 | 0 | 0 | 0 |
| 40.7667 | 0.1588 | 0 | 0.0013 | 0.0013 |
| 40.8 | 0.1565 | 0 | 0.0013 | 0.0013 |
| 40.8333 | 0.1568 | 0.013 | 0.0013 | 0.0143 |
| 40.8667 | 0.1561 | 0 | 0 | 0 |
| 40.9 | 0.1568 | 0.013 | 0.0013 | 0.0143 |
| 40.9333 | 0.1578 | 0 | 0 | 0 |
| 40.9667 | 0.1568 | 0 | 0.0013 | 0.0013 |
| 41 | 0.1565 | 0.013 | 0 | 0.013 |
| 41.0333 | 0.1598 | 0 | 0.0026 | 0.0026 |
| 41.0667 | 0.1568 | 0 | 0 | 0 |
| 41.1 | 0.1578 | 0.013 | 0 | 0.013 |
| 41.1333 | 0.1591 | 0.0262 | 0.0013 | 0.0275 |
| 41.1667 | 0.1588 | 0 | 0.0026 | 0.0026 |
| 41.2 | 0.1601 | 0 | 0 | 0 |
| 41.2333 | 0.1611 | 0.013 | 0 | 0.013 |
| 41.2667 | 0.1601 | 0 | 0.0013 | 0.0013 |
| 41.3 | 0.1611 | 0.013 | 0.0013 | 0.0143 |
| 41.3333 | 0.1624 | 0 | 0 | 0 |
| 41.3667 | 0.164 | 0 | 0 | 0 |
| 41.4 | 0.164 | 0 | 0 | 0 |
| 41.4333 | 0.163 | 0 | 0.0013 | 0.0013 |
| 41.4667 | 0.1677 | 0 | 0 | 0 |
| 41.5 | 0.1677 | 0.0262 | 0 | 0.0262 |
| 41.5333 | 0.168 | 0 | 0 | 0 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 41.5667 | 0.1644 | 0 | 0.0013 | 0.0013 |
| 41.6 | 0.1673 | 0 | 0.0013 | 0.0013 |
| 41.6333 | 0.1683 | 0.0262 | 0 | 0.0262 |
| 41.6667 | 0.1683 | 0 | 0.0013 | 0.0013 |
| 41.7 | 0.1706 | 0 | 0.0013 | 0.0013 |
| 41.7333 | 0.1706 | 0.013 | 0 | 0.013 |
| 41.7667 | 0.1693 | 0.013 | 0.0013 | 0.0143 |
| 41.8 | 0.1719 | 0.013 | 0 | 0.013 |
| 41.8333 | 0.1765 | 0 | 0 | 0 |
| 41.8667 | 0.1719 | 0 | 0.0013 | 0.0013 |
| 41.9 | 0.1736 | 0 | 0 | 0 |
| 41.9333 | 0.1726 | 0 | 0.0013 | 0.0013 |
| 41.9667 | 0.1719 | 0.013 | 0.0013 | 0.0143 |
| 42 | 0.1772 | 0 | 0.0013 | 0.0013 |
| 42.0333 | 0.1792 | 0 | 0.0013 | 0.0013 |
| 42.0667 | 0.1772 | 0 | 0 | 0 |
| 42.1 | 0.1779 | 0.013 | 0.0013 | 0.0143 |
| 42.1333 | 0.1765 | 0 | 0.0013 | 0.0013 |
| 42.1667 | 0.1788 | 0.013 | 0 | 0.013 |
| 42.2 | 0.1785 | 0 | 0 | 0 |
| 42.2333 | 0.1782 | 0 | 0 | 0 |
| 42.2667 | 0.1818 | 0.013 | 0.0013 | 0.0143 |
| 42.3 | 0.1844 | 0 | 0 | 0 |
| 42.3333 | 0.1798 | 0.013 | 0 | 0.013 |
| 42.3667 | 0.1785 | 0.013 | 0.0013 | 0.0143 |
| 42.4 | 0.1841 | 0 | 0.0013 | 0.0013 |
| 42.4333 | 0.1844 | 0 | 0.0013 | 0.0013 |
| 42.4667 | 0.1838 | 0 | 0 | 0 |
| 42.5 | 0.1864 | 0 | 0 | 0 |
| 42.5333 | 0.1838 | 0 | 0 | 0 |
| 42.5667 | 0.1877 | 0.013 | 0 | 0.013 |
| 42.6 | 0.1864 | 0 | 0.0026 | 0.0026 |
| 42.6333 | 0.1841 | 0 | 0 | 0 |
| 42.6667 | 0.1864 | 0.013 | 0 | 0.013 |
| 42.7 | 0.1867 | 0 | 0.0013 | 0.0013 |
| 42.7333 | 0.189 | 0 | 0 | 0 |
| 42.7667 | 0.1904 | 0 | 0.0013 | 0.0013 |
| 42.8 | 0.1867 | 0 | 0 | 0 |
| 42.8333 | 0.1914 | 0.013 | 0 | 0.013 |
| 42.8667 | 0.1943 | 0 | 0 | 0 |
| 42.9 | 0.1897 | 0.013 | 0 | 0.013 |
| 42.9333 | 0.1917 | 0 | 0.0013 | 0.0013 |
| 42.9667 | 0.1927 | 0.013 | 0 | 0.013 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 43 | 0.1917 | 0 | 0 | 0 |
| 43.0333 | 0.1914 | 0 | 0 | 0 |
| 43.0667 | 0.192 | 0.013 | 0 | 0.013 |
| 43.1 | 0.1953 | 0.013 | 0.0013 | 0.0143 |
| 43.1333 | 0.1946 | 0 | 0.0013 | 0.0013 |
| 43.1667 | 0.195 | 0.013 | 0.0013 | 0.0143 |
| 43.2 | 0.1969 | 0 | 0.0013 | 0.0013 |
| 43.2333 | 0.1999 | 0 | 0.0013 | 0.0013 |
| 43.2667 | 0.1969 | 0 | 0.0013 | 0.0013 |
| 43.3 | 0.1979 | 0.013 | 0 | 0.013 |
| 43.3333 | 0.196 | 0 | 0.0013 | 0.0013 |
| 43.3667 | 0.1986 | 0.013 | 0 | 0.013 |
| 43.4 | 0.1969 | 0 | 0 | 0 |
| 43.4333 | 0.1976 | 0 | 0.0013 | 0.0013 |
| 43.4667 | 0.1943 | 0.013 | 0 | 0.013 |
| 43.5 | 0.1986 | 0 | 0 | 0 |
| 43.5333 | 0.1983 | 0 | 0 | 0 |
| 43.5667 | 0.1973 | 0.0262 | 0 | 0.0262 |
| 43.6 | 0.1986 | 0 | 0.0026 | 0.0026 |
| 43.6333 | 0.1993 | 0.013 | 0 | 0.013 |
| 43.6667 | 0.1979 | 0 | 0.0013 | 0.0013 |
| 43.7 | 0.2002 | 0 | 0 | 0 |
| 43.7333 | 0.1999 | 0 | 0 | 0 |
| 43.7667 | 0.1979 | 0.013 | 0 | 0.013 |
| 43.8 | 0.2022 | 0.013 | 0 | 0.013 |
| 43.8333 | 0.2016 | 0 | 0.0013 | 0.0013 |
| 43.8667 | 0.1976 | 0.013 | 0 | 0.013 |
| 43.9 | 0.1976 | 0 | 0 | 0 |
| 43.9333 | 0.2016 | 0 | 0 | 0 |
| 43.9667 | 0.2002 | 0 | 0 | 0 |
| 44 | 0.2009 | 0 | 0 | 0 |
| 44.0333 | 0.2009 | 0 | 0.0013 | 0.0013 |
| 44.0667 | 0.1996 | 0 | 0 | 0 |
| 44.1 | 0.1993 | 0 | 0.0013 | 0.0013 |
| 44.1333 | 0.2006 | 0 | 0 | 0 |
| 44.1667 | 0.2012 | 0.013 | 0.0013 | 0.0143 |
| 44.2 | 0.2012 | 0 | 0.0013 | 0.0013 |
| 44.2333 | 0.1969 | 0.013 | 0 | 0.013 |
| 44.2667 | 0.1989 | 0 | 0 | 0 |
| 44.3 | 0.2002 | 0.013 | 0 | 0.013 |
| 44.3333 | 0.1993 | 0.013 | 0 | 0.013 |
| 44.3667 | 0.2019 | 0 | 0 | 0 |
| 44.4 | 0.1969 | 0.013 | 0 | 0.013 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 44.4333 | 0.1969 | 0.0262 | 0 | 0.0262 |
| 44.4667 | 0.194 | 0.013 | 0.0013 | 0.0143 |
| 44.5 | 0.1953 | 0 | 0.0013 | 0.0013 |
| 44.5333 | 0.1983 | 0 | 0 | 0 |
| 44.5667 | 0.1966 | 0 | 0.0026 | 0.0026 |
| 44.6 | 0.1973 | 0.013 | 0.0013 | 0.0143 |
| 44.6333 | 0.1937 | 0 | 0.0013 | 0.0013 |
| 44.6667 | 0.1983 | 0 | 0 | 0 |
| 44.7 | 0.196 | 0 | 0 | 0 |
| 44.7333 | 0.1917 | 0.013 | 0 | 0.013 |
| 44.7667 | 0.192 | 0 | 0 | 0 |
| 44.8 | 0.194 | 0 | 0.0013 | 0.0013 |
| 44.8333 | 0.1923 | 0.013 | 0 | 0.013 |
| 44.8667 | 0.1923 | 0.013 | 0 | 0.013 |
| 44.9 | 0.1904 | 0.013 | 0.0013 | 0.0143 |
| 44.9333 | 0.192 | 0 | 0 | 0 |
| 44.9667 | 0.1927 | 0.013 | 0 | 0.013 |
| 45 | 0.1927 | 0.013 | 0 | 0.013 |
| 45.0333 | 0.1904 | 0 | 0 | 0 |
| 45.0667 | 0.1927 | 0 | 0.0013 | 0.0013 |
| 45.1 | 0.1904 | 0.013 | 0.0013 | 0.0143 |
| 45.1333 | 0.191 | 0 | 0 | 0 |
| 45.1667 | 0.1914 | 0.013 | 0.0013 | 0.0143 |
| 45.2 | 0.1874 | 0.013 | 0.0013 | 0.0143 |
| 45.2333 | 0.1914 | 0.013 | 0 | 0.013 |
| 45.2667 | 0.191 | 0.0262 | 0.0013 | 0.0275 |
| 45.3 | 0.1864 | 0.013 | 0 | 0.013 |
| 45.3333 | 0.1881 | 0.013 | 0 | 0.013 |
| 45.3667 | 0.1877 | 0 | 0 | 0 |
| 45.4 | 0.1884 | 0 | 0.0013 | 0.0013 |
| 45.4333 | 0.1887 | 0.013 | 0 | 0.013 |
| 45.4667 | 0.1897 | 0 | 0 | 0 |
| 45.5 | 0.1867 | 0.013 | 0 | 0.013 |
| 45.5333 | 0.1904 | 0.013 | 0 | 0.013 |
| 45.5667 | 0.1877 | 0.013 | 0.0013 | 0.0143 |
| 45.6 | 0.1858 | 0 | 0 | 0 |
| 45.6333 | 0.1884 | 0 | 0 | 0 |
| 45.6667 | 0.1887 | 0 | 0 | 0 |
| 45.7 | 0.1884 | 0 | 0 | 0 |
| 45.7333 | 0.1861 | 0 | 0 | 0 |
| 45.7667 | 0.1848 | 0 | 0 | 0 |
| 45.8 | 0.1871 | 0 | 0.0013 | 0.0013 |
| 45.8333 | 0.1861 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 45.8667 | 0.1838 | 0.0262 | 0.0013 | 0.0275 |
| 45.9 | 0.1841 | 0 | 0 | 0 |
| 45.9333 | 0.1874 | 0.013 | 0.0013 | 0.0143 |
| 45.9667 | 0.1841 | 0.013 | 0.0026 | 0.0156 |
| 46 | 0.1864 | 0 | 0 | 0 |
| 46.0333 | 0.1844 | 0 | 0 | 0 |
| 46.0667 | 0.1858 | 0 | 0.0013 | 0.0013 |
| 46.1 | 0.1844 | 0 | 0 | 0 |
| 46.1333 | 0.1851 | 0 | 0 | 0 |
| 46.1667 | 0.1808 | 0.013 | 0 | 0.013 |
| 46.2 | 0.1848 | 0 | 0.0013 | 0.0013 |
| 46.2333 | 0.1795 | 0 | 0 | 0 |
| 46.2667 | 0.1835 | 0 | 0.0026 | 0.0026 |
| 46.3 | 0.1838 | 0 | 0.0013 | 0.0013 |
| 46.3333 | 0.1861 | 0.0262 | 0.0013 | 0.0275 |
| 46.3667 | 0.1864 | 0 | 0 | 0 |
| 46.4 | 0.1831 | 0.0262 | 0 | 0.0262 |
| 46.4333 | 0.1851 | 0 | 0 | 0 |
| 46.4667 | 0.1851 | 0 | 0.0013 | 0.0013 |
| 46.5 | 0.1818 | 0.013 | 0 | 0.013 |
| 46.5333 | 0.1818 | 0.013 | 0.0013 | 0.0143 |
| 46.5667 | 0.1811 | 0 | 0.0026 | 0.0026 |
| 46.6 | 0.1851 | 0.013 | 0 | 0.013 |
| 46.6333 | 0.1811 | 0 | 0 | 0 |
| 46.6667 | 0.1785 | 0.013 | 0 | 0.013 |
| 46.7 | 0.1815 | 0 | 0 | 0 |
| 46.7333 | 0.1815 | 0.0262 | 0 | 0.0262 |
| 46.7667 | 0.1818 | 0.013 | 0.0013 | 0.0143 |
| 46.8 | 0.1818 | 0.013 | 0 | 0.013 |
| 46.8333 | 0.1821 | 0 | 0 | 0 |
| 46.8667 | 0.1798 | 0.013 | 0.0013 | 0.0143 |
| 46.9 | 0.1788 | 0.013 | 0 | 0.013 |
| 46.9333 | 0.1788 | 0 | 0 | 0 |
| 46.9667 | 0.1805 | 0 | 0 | 0 |
| 47 | 0.1795 | 0.013 | 0 | 0.013 |
| 47.0333 | 0.1792 | 0.013 | 0.0013 | 0.0143 |
| 47.0667 | 0.1825 | 0 | 0 | 0 |
| 47.1 | 0.1795 | 0 | 0 | 0 |
| 47.1333 | 0.1825 | 0 | 0.0013 | 0.0013 |
| 47.1667 | 0.1779 | 0 | 0.0013 | 0.0013 |
| 47.2 | 0.1818 | 0 | 0 | 0 |
| 47.2333 | 0.1815 | 0 | 0 | 0 |
| 47.2667 | 0.1792 | 0.013 | 0 | 0.013 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 47.3 | 0.1762 | 0 | 0 | 0 |
| 47.3333 | 0.1782 | 0 | 0 | 0 |
| 47.3667 | 0.1775 | 0.013 | 0.0013 | 0.0143 |
| 47.4 | 0.1785 | 0 | 0 | 0 |
| 47.4333 | 0.1779 | 0 | 0 | 0 |
| 47.4667 | 0.1775 | 0.013 | 0 | 0.013 |
| 47.5 | 0.1772 | 0 | 0.0013 | 0.0013 |
| 47.5333 | 0.1769 | 0 | 0 | 0 |
| 47.5667 | 0.1765 | 0 | 0 | 0 |
| 47.6 | 0.1792 | 0.013 | 0.0013 | 0.0143 |
| 47.6333 | 0.1756 | 0 | 0 | 0 |
| 47.6667 | 0.1762 | 0 | 0 | 0 |
| 47.7 | 0.1779 | 0.013 | 0 | 0.013 |
| 47.7333 | 0.1759 | 0 | 0.0013 | 0.0013 |
| 47.7667 | 0.1765 | 0 | 0 | 0 |
| 47.8 | 0.1756 | 0.013 | 0 | 0.013 |
| 47.8333 | 0.1739 | 0 | 0.0013 | 0.0013 |
| 47.8667 | 0.1756 | 0.013 | 0 | 0.013 |
| 47.9 | 0.1775 | 0 | 0 | 0 |
| 47.9333 | 0.1736 | 0.013 | 0 | 0.013 |
| 47.9667 | 0.1765 | 0.013 | 0.0026 | 0.0156 |
| 48 | 0.1762 | 0.0262 | 0 | 0.0262 |
| 48.0333 | 0.1769 | 0.013 | 0.0013 | 0.0143 |
| 48.0667 | 0.1719 | 0 | 0.0013 | 0.0013 |
| 48.1 | 0.1736 | 0.013 | 0 | 0.013 |
| 48.1333 | 0.1775 | 0 | 0 | 0 |
| 48.1667 | 0.1742 | 0.013 | 0.0013 | 0.0143 |
| 48.2 | 0.1769 | 0.013 | 0 | 0.013 |
| 48.2333 | 0.1752 | 0.013 | 0 | 0.013 |
| 48.2667 | 0.1762 | 0 | 0 | 0 |
| 48.3 | 0.1736 | 0.013 | 0 | 0.013 |
| 48.3333 | 0.1746 | 0 | 0.0026 | 0.0026 |
| 48.3667 | 0.1736 | 0.013 | 0 | 0.013 |
| 48.4 | 0.1739 | 0 | 0 | 0 |
| 48.4333 | 0.1749 | 0.013 | 0.0013 | 0.0143 |
| 48.4667 | 0.1739 | 0.013 | 0.0013 | 0.0143 |
| 48.5 | 0.1719 | 0 | 0 | 0 |
| 48.5333 | 0.1769 | 0.013 | 0 | 0.013 |
| 48.5667 | 0.1729 | 0 | 0.0013 | 0.0013 |
| 48.6 | 0.1723 | 0.0262 | 0 | 0.0262 |
| 48.6333 | 0.1719 | 0 | 0.0013 | 0.0013 |
| 48.6667 | 0.1686 | 0.013 | 0.0013 | 0.0143 |
| 48.7 | 0.1756 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 48.7333 | 0.1736 | 0.0262 | 0.0013 | 0.0275 |
| 48.7667 | 0.1746 | 0.013 | 0 | 0.013 |
| 48.8 | 0.1719 | 0 | 0 | 0 |
| 48.8333 | 0.1742 | 0 | 0.0013 | 0.0013 |
| 48.8667 | 0.1719 | 0.0262 | 0 | 0.0262 |
| 48.9 | 0.1749 | 0 | 0.0013 | 0.0013 |
| 48.9333 | 0.1713 | 0.013 | 0.0013 | 0.0143 |
| 48.9667 | 0.1749 | 0 | 0.0013 | 0.0013 |
| 49 | 0.1703 | 0 | 0.0026 | 0.0026 |
| 49.0333 | 0.1739 | 0 | 0 | 0 |
| 49.0667 | 0.1706 | 0 | 0.0026 | 0.0026 |
| 49.1 | 0.1739 | 0 | 0 | 0 |
| 49.1333 | 0.1719 | 0 | 0 | 0 |
| 49.1667 | 0.1726 | 0 | 0.0013 | 0.0013 |
| 49.2 | 0.1716 | 0 | 0.0013 | 0.0013 |
| 49.2333 | 0.1732 | 0 | 0.0026 | 0.0026 |
| 49.2667 | 0.1723 | 0 | 0.0026 | 0.0026 |
| 49.3 | 0.1732 | 0 | 0.0013 | 0.0013 |
| 49.3333 | 0.1719 | 0 | 0.0026 | 0.0026 |
| 49.3667 | 0.17 | 0 | 0 | 0 |
| 49.4 | 0.1723 | 0 | 0.0013 | 0.0013 |
| 49.4333 | 0.1732 | 0 | 0.0013 | 0.0013 |
| 49.4667 | 0.1719 | 0.0262 | 0 | 0.0262 |
| 49.5 | 0.169 | 0.013 | 0.0013 | 0.0143 |
| 49.5333 | 0.17 | 0.013 | 0 | 0.013 |
| 49.5667 | 0.1696 | 0.013 | 0.0013 | 0.0143 |
| 49.6 | 0.1729 | 0.013 | 0.0013 | 0.0143 |
| 49.6333 | 0.1696 | 0 | 0 | 0 |
| 49.6667 | 0.1696 | 0 | 0 | 0 |
| 49.7 | 0.1709 | 0.013 | 0.0013 | 0.0143 |
| 49.7333 | 0.1706 | 0 | 0 | 0 |
| 49.7667 | 0.1706 | 0 | 0.0026 | 0.0026 |
| 49.8 | 0.1696 | 0 | 0.0013 | 0.0013 |
| 49.8333 | 0.1713 | 0.0262 | 0.0013 | 0.0275 |
| 49.8667 | 0.1696 | 0.013 | 0.0013 | 0.0143 |
| 49.9 | 0.1696 | 0.013 | 0 | 0.013 |
| 49.9333 | 0.1703 | 0 | 0.0013 | 0.0013 |
| 49.9667 | 0.169 | 0.013 | 0.0013 | 0.0143 |
| 50 | 0.1696 | 0.013 | 0.0013 | 0.0143 |
| 50.0333 | 0.1703 | 0.013 | 0 | 0.013 |
| 50.0667 | 0.1673 | 0 | 0.0013 | 0.0013 |
| 50.1 | 0.1706 | 0 | 0 | 0 |
| 50.1333 | 0.168 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 50.1667 | 0.168 | 0.013 | 0 | 0.013 |
| 50.2 | 0.1713 | 0 | 0 | 0 |
| 50.2333 | 0.1706 | 0 | 0.0039 | 0.0039 |
| 50.2667 | 0.1683 | 0.013 | 0.0013 | 0.0143 |
| 50.3 | 0.1686 | 0.013 | 0 | 0.013 |
| 50.3333 | 0.1673 | 0 | 0.0013 | 0.0013 |
| 50.3667 | 0.1723 | 0.0262 | 0.0013 | 0.0275 |
| 50.4 | 0.17 | 0.013 | 0 | 0.013 |
| 50.4333 | 0.1677 | 0.013 | 0 | 0.013 |
| 50.4667 | 0.17 | 0.0262 | 0.0013 | 0.0275 |
| 50.5 | 0.1683 | 0.013 | 0 | 0.013 |
| 50.5333 | 0.168 | 0 | 0 | 0 |
| 50.5667 | 0.1686 | 0.013 | 0 | 0.013 |
| 50.6 | 0.1709 | 0.013 | 0.0013 | 0.0143 |
| 50.6333 | 0.1686 | 0 | 0 | 0 |
| 50.6667 | 0.168 | 0.0262 | 0 | 0.0262 |
| 50.7 | 0.1673 | 0.013 | 0.0013 | 0.0143 |
| 50.7333 | 0.1667 | 0.013 | 0 | 0.013 |
| 50.7667 | 0.1686 | 0.013 | 0.0013 | 0.0143 |
| 50.8 | 0.166 | 0 | 0.0013 | 0.0013 |
| 50.8333 | 0.1673 | 0.013 | 0.0026 | 0.0156 |
| 50.8667 | 0.1653 | 0.013 | 0 | 0.013 |
| 50.9 | 0.167 | 0.0262 | 0 | 0.0262 |
| 50.9333 | 0.1703 | 0 | 0.0013 | 0.0013 |
| 50.9667 | 0.168 | 0.013 | 0 | 0.013 |
| 51 | 0.1693 | 0.013 | 0 | 0.013 |
| 51.0333 | 0.1686 | 0 | 0 | 0 |
| 51.0667 | 0.1663 | 0.013 | 0.0013 | 0.0143 |
| 51.1 | 0.168 | 0 | 0 | 0 |
| 51.1333 | 0.1677 | 0 | 0 | 0 |
| 51.1667 | 0.1706 | 0 | 0 | 0 |
| 51.2 | 0.1713 | 0 | 0 | 0 |
| 51.2333 | 0.167 | 0 | 0 | 0 |
| 51.2667 | 0.169 | 0 | 0.0013 | 0.0013 |
| 51.3 | 0.1673 | 0 | 0.0013 | 0.0013 |
| 51.3333 | 0.1683 | 0 | 0.0013 | 0.0013 |
| 51.3667 | 0.1696 | 0 | 0 | 0 |
| 51.4 | 0.1696 | 0.0262 | 0.0013 | 0.0275 |
| 51.4333 | 0.167 | 0 | 0.0013 | 0.0013 |
| 51.4667 | 0.1667 | 0.013 | 0.0013 | 0.0143 |
| 51.5 | 0.1667 | 0.0262 | 0 | 0.0262 |
| 51.5333 | 0.168 | 0 | 0 | 0 |
| 51.5667 | 0.1686 | 0.013 | 0 | 0.013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 51.6 | 0.167 | 0 | 0 | 0 |
| 51.6333 | 0.1663 | 0.013 | 0 | 0.013 |
| 51.6667 | 0.1627 | 0 | 0.0013 | 0.0013 |
| 51.7 | 0.164 | 0.013 | 0 | 0.013 |
| 51.7333 | 0.168 | 0 | 0 | 0 |
| 51.7667 | 0.1673 | 0 | 0 | 0 |
| 51.8 | 0.166 | 0.013 | 0 | 0.013 |
| 51.8333 | 0.1683 | 0 | 0 | 0 |
| 51.8667 | 0.1683 | 0.013 | 0 | 0.013 |
| 51.9 | 0.168 | 0.013 | 0 | 0.013 |
| 51.9333 | 0.1683 | 0 | 0.0013 | 0.0013 |
| 51.9667 | 0.1683 | 0 | 0 | 0 |
| 52 | 0.169 | 0 | 0 | 0 |
| 52.0333 | 0.1673 | 0 | 0 | 0 |
| 52.0667 | 0.165 | 0 | 0 | 0 |
| 52.1 | 0.1683 | 0 | 0.0013 | 0.0013 |
| 52.1333 | 0.166 | 0.013 | 0 | 0.013 |
| 52.1667 | 0.166 | 0 | 0.0013 | 0.0013 |
| 52.2 | 0.1644 | 0.013 | 0 | 0.013 |
| 52.2333 | 0.1677 | 0.013 | 0 | 0.013 |
| 52.2667 | 0.168 | 0.013 | 0.0013 | 0.0143 |
| 52.3 | 0.1667 | 0.013 | 0 | 0.013 |
| 52.3333 | 0.1653 | 0 | 0.0013 | 0.0013 |
| 52.3667 | 0.1693 | 0 | 0.0013 | 0.0013 |
| 52.4 | 0.1703 | 0 | 0.0013 | 0.0013 |
| 52.4333 | 0.169 | 0 | 0.0013 | 0.0013 |
| 52.4667 | 0.168 | 0 | 0.0013 | 0.0013 |
| 52.5 | 0.1693 | 0.013 | 0 | 0.013 |
| 52.5333 | 0.1673 | 0 | 0 | 0 |
| 52.5667 | 0.1693 | 0 | 0 | 0 |
| 52.6 | 0.17 | 0 | 0 | 0 |
| 52.6333 | 0.1653 | 0 | 0.0013 | 0.0013 |
| 52.6667 | 0.1696 | 0.0262 | 0 | 0.0262 |
| 52.7 | 0.168 | 0 | 0 | 0 |
| 52.7333 | 0.1667 | 0 | 0.0026 | 0.0026 |
| 52.7667 | 0.1677 | 0.013 | 0.0013 | 0.0143 |
| 52.8 | 0.1663 | 0 | 0 | 0 |
| 52.8333 | 0.165 | 0.0262 | 0 | 0.0262 |
| 52.8667 | 0.1663 | 0.013 | 0.0013 | 0.0143 |
| 52.9 | 0.1683 | 0 | 0.0013 | 0.0013 |
| 52.9333 | 0.166 | 0 | 0 | 0 |
| 52.9667 | 0.164 | 0 | 0 | 0 |
| 53 | 0.164 | 0.0262 | 0 | 0.0262 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 53.0333 | 0.1657 | 0 | 0.0013 | 0.0013 |
| 53.0667 | 0.1667 | 0.0262 | 0 | 0.0262 |
| 53.1 | 0.1653 | 0 | 0.0013 | 0.0013 |
| 53.1333 | 0.1657 | 0.013 | 0.0013 | 0.0143 |
| 53.1667 | 0.1663 | 0 | 0 | 0 |
| 53.2 | 0.1653 | 0 | 0 | 0 |
| 53.2333 | 0.168 | 0 | 0.0013 | 0.0013 |
| 53.2667 | 0.166 | 0 | 0 | 0 |
| 53.3 | 0.164 | 0 | 0.0013 | 0.0013 |
| 53.3333 | 0.1657 | 0.013 | 0.0026 | 0.0156 |
| 53.3667 | 0.1663 | 0 | 0.0013 | 0.0013 |
| 53.4 | 0.1673 | 0.013 | 0.0013 | 0.0143 |
| 53.4333 | 0.1677 | 0 | 0.0013 | 0.0013 |
| 53.4667 | 0.1657 | 0 | 0 | 0 |
| 53.5 | 0.168 | 0.013 | 0 | 0.013 |
| 53.5333 | 0.1686 | 0 | 0.0013 | 0.0013 |
| 53.5667 | 0.1653 | 0 | 0 | 0 |
| 53.6 | 0.1653 | 0 | 0 | 0 |
| 53.6333 | 0.1667 | 0 | 0 | 0 |
| 53.6667 | 0.1683 | 0 | 0.0026 | 0.0026 |
| 53.7 | 0.1673 | 0 | 0 | 0 |
| 53.7333 | 0.1667 | 0 | 0 | 0 |
| 53.7667 | 0.1653 | 0 | 0.0013 | 0.0013 |
| 53.8 | 0.1637 | 0 | 0 | 0 |
| 53.8333 | 0.1657 | 0 | 0 | 0 |
| 53.8667 | 0.1663 | 0 | 0 | 0 |
| 53.9 | 0.1667 | 0.013 | 0.0013 | 0.0143 |
| 53.9333 | 0.1657 | 0.013 | 0 | 0.013 |
| 53.9667 | 0.1673 | 0 | 0 | 0 |
| 54 | 0.1657 | 0.013 | 0.0013 | 0.0143 |
| 54.0333 | 0.167 | 0 | 0 | 0 |
| 54.0667 | 0.1673 | 0.013 | 0.0013 | 0.0143 |
| 54.1 | 0.1653 | 0.013 | 0 | 0.013 |
| 54.1333 | 0.1677 | 0.0262 | 0.0013 | 0.0275 |
| 54.1667 | 0.1657 | 0 | 0.0013 | 0.0013 |
| 54.2 | 0.1693 | 0.013 | 0 | 0.013 |
| 54.2333 | 0.1673 | 0 | 0 | 0 |
| 54.2667 | 0.168 | 0.013 | 0 | 0.013 |
| 54.3 | 0.167 | 0 | 0 | 0 |
| 54.3333 | 0.168 | 0 | 0 | 0 |
| 54.3667 | 0.1696 | 0.0262 | 0 | 0.0262 |
| 54.4 | 0.1653 | 0.013 | 0 | 0.013 |
| 54.4333 | 0.1667 | 0.013 | 0 | 0.013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 54.4667 | 0.1663 | 0 | 0 | 0 |
| 54.5 | 0.166 | 0 | 0.0013 | 0.0013 |
| 54.5333 | 0.1657 | 0 | 0.0013 | 0.0013 |
| 54.5667 | 0.17 | 0.013 | 0.0026 | 0.0156 |
| 54.6 | 0.1683 | 0.013 | 0 | 0.013 |
| 54.6333 | 0.1673 | 0 | 0 | 0 |
| 54.6667 | 0.164 | 0 | 0.0026 | 0.0026 |
| 54.7 | 0.17 | 0.013 | 0.0013 | 0.0143 |
| 54.7333 | 0.1709 | 0 | 0 | 0 |
| 54.7667 | 0.169 | 0 | 0.0013 | 0.0013 |
| 54.8 | 0.1683 | 0.013 | 0.0013 | 0.0143 |
| 54.8333 | 0.1693 | 0 | 0 | 0 |
| 54.8667 | 0.1663 | 0.013 | 0 | 0.013 |
| 54.9 | 0.17 | 0.013 | 0 | 0.013 |
| 54.9333 | 0.17 | 0.013 | 0.0013 | 0.0143 |
| 54.9667 | 0.168 | 0 | 0 | 0 |
| 55 | 0.1647 | 0.013 | 0 | 0.013 |
| 55.0333 | 0.1703 | 0.013 | 0 | 0.013 |
| 55.0667 | 0.1673 | 0.013 | 0 | 0.013 |
| 55.1 | 0.169 | 0 | 0 | 0 |
| 55.1333 | 0.167 | 0 | 0.0026 | 0.0026 |
| 55.1667 | 0.1673 | 0.013 | 0.0026 | 0.0156 |
| 55.2 | 0.1703 | 0 | 0 | 0 |
| 55.2333 | 0.1683 | 0.013 | 0.0013 | 0.0143 |
| 55.2667 | 0.1693 | 0.013 | 0 | 0.013 |
| 55.3 | 0.167 | 0.013 | 0 | 0.013 |
| 55.3333 | 0.167 | 0 | 0 | 0 |
| 55.3667 | 0.1683 | 0.013 | 0.0013 | 0.0143 |
| 55.4 | 0.1663 | 0.013 | 0 | 0.013 |
| 55.4333 | 0.1683 | 0 | 0.0013 | 0.0013 |
| 55.4667 | 0.1703 | 0.013 | 0 | 0.013 |
| 55.5 | 0.1713 | 0.0262 | 0.0013 | 0.0275 |
| 55.5333 | 0.1686 | 0 | 0 | 0 |
| 55.5667 | 0.1696 | 0.013 | 0 | 0.013 |
| 55.6 | 0.1713 | 0 | 0.0013 | 0.0013 |
| 55.6333 | 0.1723 | 0.013 | 0 | 0.013 |
| 55.6667 | 0.17 | 0 | 0 | 0 |
| 55.7 | 0.1713 | 0.013 | 0 | 0.013 |
| 55.7333 | 0.168 | 0 | 0.0013 | 0.0013 |
| 55.7667 | 0.1713 | 0.013 | 0 | 0.013 |
| 55.8 | 0.1693 | 0.013 | 0 | 0.013 |
| 55.8333 | 0.1716 | 0.013 | 0.0013 | 0.0143 |
| 55.8667 | 0.1686 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 55.9 | 0.1693 | 0 | 0 | 0 |
| 55.9333 | 0.1726 | 0.013 | 0 | 0.013 |
| 55.9667 | 0.169 | 0 | 0 | 0 |
| 56 | 0.1683 | 0.013 | 0 | 0.013 |
| 56.0333 | 0.169 | 0 | 0.0013 | 0.0013 |
| 56.0667 | 0.1723 | 0 | 0 | 0 |
| 56.1 | 0.1723 | 0 | 0 | 0 |
| 56.1333 | 0.1686 | 0.013 | 0.0013 | 0.0143 |
| 56.1667 | 0.1726 | 0 | 0 | 0 |
| 56.2 | 0.1713 | 0.013 | 0 | 0.013 |
| 56.2333 | 0.169 | 0.013 | 0.0013 | 0.0143 |
| 56.2667 | 0.1696 | 0 | 0.0013 | 0.0013 |
| 56.3 | 0.169 | 0.013 | 0 | 0.013 |
| 56.3333 | 0.1703 | 0 | 0 | 0 |
| 56.3667 | 0.1713 | 0 | 0 | 0 |
| 56.4 | 0.1709 | 0 | 0 | 0 |
| 56.4333 | 0.1719 | 0 | 0.0013 | 0.0013 |
| 56.4667 | 0.1713 | 0.013 | 0 | 0.013 |
| 56.5 | 0.1742 | 0.013 | 0 | 0.013 |
| 56.5333 | 0.1732 | 0 | 0 | 0 |
| 56.5667 | 0.1726 | 0.013 | 0 | 0.013 |
| 56.6 | 0.1726 | 0.013 | 0.0013 | 0.0143 |
| 56.6333 | 0.1732 | 0 | 0.0013 | 0.0013 |
| 56.6667 | 0.1713 | 0 | 0.0013 | 0.0013 |
| 56.7 | 0.1713 | 0 | 0 | 0 |
| 56.7333 | 0.1703 | 0.0262 | 0 | 0.0262 |
| 56.7667 | 0.1706 | 0 | 0 | 0 |
| 56.8 | 0.1706 | 0 | 0 | 0 |
| 56.8333 | 0.1732 | 0 | 0 | 0 |
| 56.8667 | 0.1732 | 0 | 0.0013 | 0.0013 |
| 56.9 | 0.1736 | 0.013 | 0.0013 | 0.0143 |
| 56.9333 | 0.1732 | 0.013 | 0 | 0.013 |
| 56.9667 | 0.1729 | 0.013 | 0.0013 | 0.0143 |
| 57 | 0.1713 | 0 | 0 | 0 |
| 57.0333 | 0.1749 | 0.0262 | 0 | 0.0262 |
| 57.0667 | 0.1739 | 0.013 | 0 | 0.013 |
| 57.1 | 0.1736 | 0 | 0.0013 | 0.0013 |
| 57.1333 | 0.1719 | 0 | 0 | 0 |
| 57.1667 | 0.1726 | 0 | 0.0013 | 0.0013 |
| 57.2 | 0.1706 | 0 | 0 | 0 |
| 57.2333 | 0.1719 | 0 | 0 | 0 |
| 57.2667 | 0.1696 | 0 | 0 | 0 |
| 57.3 | 0.1716 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 57.3333 | 0.1742 | 0.013 | 0.0013 | 0.0143 |
| 57.3667 | 0.1736 | 0.013 | 0.0013 | 0.0143 |
| 57.4 | 0.1736 | 0.013 | 0.0013 | 0.0143 |
| 57.4333 | 0.1746 | 0.013 | 0.0013 | 0.0143 |
| 57.4667 | 0.1739 | 0 | 0 | 0 |
| 57.5 | 0.1749 | 0.0262 | 0.0013 | 0.0275 |
| 57.5333 | 0.1732 | 0 | 0 | 0 |
| 57.5667 | 0.1716 | 0 | 0.0013 | 0.0013 |
| 57.6 | 0.1736 | 0.013 | 0.0026 | 0.0156 |
| 57.6333 | 0.1742 | 0 | 0 | 0 |
| 57.6667 | 0.1716 | 0.013 | 0 | 0.013 |
| 57.7 | 0.1732 | 0 | 0.0013 | 0.0013 |
| 57.7333 | 0.1742 | 0 | 0 | 0 |
| 57.7667 | 0.1709 | 0.013 | 0 | 0.013 |
| 57.8 | 0.17 | 0 | 0.0013 | 0.0013 |
| 57.8333 | 0.1736 | 0 | 0.0013 | 0.0013 |
| 57.8667 | 0.1746 | 0 | 0 | 0 |
| 57.9 | 0.1739 | 0.013 | 0 | 0.013 |
| 57.9333 | 0.1709 | 0.013 | 0 | 0.013 |
| 57.9667 | 0.1756 | 0 | 0 | 0 |
| 58 | 0.1729 | 0 | 0 | 0 |
| 58.0333 | 0.1732 | 0 | 0 | 0 |
| 58.0667 | 0.1769 | 0 | 0 | 0 |
| 58.1 | 0.1739 | 0 | 0 | 0 |
| 58.1333 | 0.1752 | 0.013 | 0 | 0.013 |
| 58.1667 | 0.1749 | 0.0262 | 0.0026 | 0.0288 |
| 58.2 | 0.1729 | 0.0262 | 0 | 0.0262 |
| 58.2333 | 0.1762 | 0 | 0 | 0 |
| 58.2667 | 0.1739 | 0.013 | 0.0026 | 0.0156 |
| 58.3 | 0.1732 | 0.0262 | 0 | 0.0262 |
| 58.3333 | 0.1749 | 0.013 | 0 | 0.013 |
| 58.3667 | 0.1756 | 0 | 0 | 0 |
| 58.4 | 0.1736 | 0 | 0 | 0 |
| 58.4333 | 0.1736 | 0 | 0.0013 | 0.0013 |
| 58.4667 | 0.1713 | 0.0262 | 0.0013 | 0.0275 |
| 58.5 | 0.1746 | 0 | 0 | 0 |
| 58.5333 | 0.1756 | 0.013 | 0 | 0.013 |
| 58.5667 | 0.1736 | 0.013 | 0 | 0.013 |
| 58.6 | 0.1732 | 0.013 | 0.0026 | 0.0156 |
| 58.6333 | 0.1752 | 0 | 0.0013 | 0.0013 |
| 58.6667 | 0.1732 | 0 | 0.0013 | 0.0013 |
| 58.7 | 0.1752 | 0.013 | 0.0013 | 0.0143 |
| 58.7333 | 0.1719 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 58.7667 | 0.1752 | 0 | 0 | 0 |
| 58.8 | 0.1752 | 0 | 0.0013 | 0.0013 |
| 58.8333 | 0.1703 | 0.013 | 0.0013 | 0.0143 |
| 58.8667 | 0.1739 | 0 | 0 | 0 |
| 58.9 | 0.1742 | 0.013 | 0 | 0.013 |
| 58.9333 | 0.1739 | 0.013 | 0.0013 | 0.0143 |
| 58.9667 | 0.1713 | 0 | 0.0013 | 0.0013 |
| 59 | 0.1765 | 0.013 | 0 | 0.013 |
| 59.0333 | 0.1765 | 0.0262 | 0 | 0.0262 |
| 59.0667 | 0.1746 | 0 | 0 | 0 |
| 59.1 | 0.1765 | 0 | 0.0013 | 0.0013 |
| 59.1333 | 0.1769 | 0 | 0 | 0 |
| 59.1667 | 0.1779 | 0.013 | 0.0013 | 0.0143 |
| 59.2 | 0.1752 | 0 | 0.0013 | 0.0013 |
| 59.2333 | 0.1759 | 0 | 0.0026 | 0.0026 |
| 59.2667 | 0.1749 | 0.013 | 0 | 0.013 |
| 59.3 | 0.1762 | 0 | 0.0013 | 0.0013 |
| 59.3333 | 0.1759 | 0 | 0 | 0 |
| 59.3667 | 0.1769 | 0.013 | 0.0026 | 0.0156 |
| 59.4 | 0.1749 | 0 | 0 | 0 |
| 59.4333 | 0.1736 | 0.013 | 0 | 0.013 |
| 59.4667 | 0.1759 | 0.013 | 0.0013 | 0.0143 |
| 59.5 | 0.1759 | 0.013 | 0 | 0.013 |
| 59.5333 | 0.1756 | 0.0262 | 0.0013 | 0.0275 |
| 59.5667 | 0.1782 | 0.013 | 0.0013 | 0.0143 |
| 59.6 | 0.1772 | 0 | 0 | 0 |
| 59.6333 | 0.1762 | 0.013 | 0 | 0.013 |
| 59.6667 | 0.1775 | 0.013 | 0 | 0.013 |
| 59.7 | 0.1782 | 0.013 | 0 | 0.013 |
| 59.7333 | 0.1756 | 0.0262 | 0 | 0.0262 |
| 59.7667 | 0.1765 | 0.013 | 0 | 0.013 |
| 59.8 | 0.1749 | 0.013 | 0 | 0.013 |
| 59.8333 | 0.1775 | 0 | 0 | 0 |
| 59.8667 | 0.1792 | 0 | 0 | 0 |
| 59.9 | 0.1762 | 0 | 0.0013 | 0.0013 |
| 59.9333 | 0.1736 | 0.013 | 0 | 0.013 |
| 59.9667 | 0.1752 | 0 | 0.0013 | 0.0013 |
| 60 | 0.1746 | 0 | 0.0013 | 0.0013 |
| 60.0333 | 0.1726 | 0 | 0 | 0 |
| 60.0667 | 0.1769 | 0.013 | 0 | 0.013 |
| 60.1 | 0.1772 | 0.013 | 0 | 0.013 |
| 60.1333 | 0.1785 | 0 | 0.0013 | 0.0013 |
| 60.1667 | 0.1742 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 60.2 | 0.1759 | 0.013 | 0 | 0.013 |
| 60.2333 | 0.1785 | 0.013 | 0 | 0.013 |
| 60.2667 | 0.1779 | 0 | 0 | 0 |
| 60.3 | 0.1792 | 0.013 | 0 | 0.013 |
| 60.3333 | 0.1769 | 0.013 | 0.0013 | 0.0143 |
| 60.3667 | 0.1765 | 0.013 | 0 | 0.013 |
| 60.4 | 0.1759 | 0.013 | 0.0013 | 0.0143 |
| 60.4333 | 0.1792 | 0.013 | 0.0013 | 0.0143 |
| 60.4667 | 0.1792 | 0 | 0 | 0 |
| 60.5 | 0.1788 | 0.013 | 0 | 0.013 |
| 60.5333 | 0.1772 | 0.013 | 0 | 0.013 |
| 60.5667 | 0.1782 | 0 | 0 | 0 |
| 60.6 | 0.1759 | 0.013 | 0.0013 | 0.0143 |
| 60.6333 | 0.1759 | 0.013 | 0 | 0.013 |
| 60.6667 | 0.1775 | 0 | 0 | 0 |
| 60.7 | 0.1782 | 0 | 0.0013 | 0.0013 |
| 60.7333 | 0.1762 | 0 | 0 | 0 |
| 60.7667 | 0.1772 | 0 | 0.0013 | 0.0013 |
| 60.8 | 0.1759 | 0.013 | 0.0013 | 0.0143 |
| 60.8333 | 0.1775 | 0.0262 | 0 | 0.0262 |
| 60.8667 | 0.1716 | 0.013 | 0.0013 | 0.0143 |
| 60.9 | 0.1759 | 0 | 0.0013 | 0.0013 |
| 60.9333 | 0.1749 | 0 | 0.0013 | 0.0013 |
| 60.9667 | 0.1769 | 0 | 0.0013 | 0.0013 |
| 61 | 0.1775 | 0.013 | 0.0013 | 0.0143 |
| 61.0333 | 0.1762 | 0 | 0 | 0 |
| 61.0667 | 0.1749 | 0.013 | 0.0013 | 0.0143 |
| 61.1 | 0.1762 | 0 | 0.0013 | 0.0013 |
| 61.1333 | 0.1749 | 0 | 0.0026 | 0.0026 |
| 61.1667 | 0.1742 | 0.0262 | 0 | 0.0262 |
| 61.2 | 0.1762 | 0.013 | 0 | 0.013 |
| 61.2333 | 0.1762 | 0 | 0 | 0 |
| 61.2667 | 0.1798 | 0.013 | 0 | 0.013 |
| 61.3 | 0.1762 | 0 | 0.0013 | 0.0013 |
| 61.3333 | 0.1749 | 0 | 0.0026 | 0.0026 |
| 61.3667 | 0.1765 | 0.013 | 0 | 0.013 |
| 61.4 | 0.1782 | 0 | 0 | 0 |
| 61.4333 | 0.1759 | 0.013 | 0.0013 | 0.0143 |
| 61.4667 | 0.1785 | 0.013 | 0 | 0.013 |
| 61.5 | 0.1762 | 0 | 0.0026 | 0.0026 |
| 61.5333 | 0.1779 | 0.013 | 0 | 0.013 |
| 61.5667 | 0.1769 | 0 | 0 | 0 |
| 61.6 | 0.1752 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 61.6333 | 0.1765 | 0 | 0 | 0 |
| 61.6667 | 0.1736 | 0.013 | 0.0013 | 0.0143 |
| 61.7 | 0.1772 | 0 | 0.0013 | 0.0013 |
| 61.7333 | 0.1769 | 0 | 0 | 0 |
| 61.7667 | 0.1762 | 0 | 0.0013 | 0.0013 |
| 61.8 | 0.1772 | 0 | 0 | 0 |
| 61.8333 | 0.1772 | 0 | 0 | 0 |
| 61.8667 | 0.1765 | 0 | 0 | 0 |
| 61.9 | 0.1788 | 0 | 0 | 0 |
| 61.9333 | 0.1792 | 0 | 0 | 0 |
| 61.9667 | 0.1746 | 0 | 0.0026 | 0.0026 |
| 62 | 0.1775 | 0 | 0 | 0 |
| 62.0333 | 0.1792 | 0.013 | 0 | 0.013 |
| 62.0667 | 0.1792 | 0 | 0.0013 | 0.0013 |
| 62.1 | 0.1785 | 0.013 | 0 | 0.013 |
| 62.1333 | 0.1785 | 0.013 | 0 | 0.013 |
| 62.1667 | 0.1762 | 0.013 | 0.0013 | 0.0143 |
| 62.2 | 0.1759 | 0 | 0.0026 | 0.0026 |
| 62.2333 | 0.1779 | 0 | 0 | 0 |
| 62.2667 | 0.1795 | 0 | 0.0013 | 0.0013 |
| 62.3 | 0.1805 | 0.013 | 0.0026 | 0.0156 |
| 62.3333 | 0.1795 | 0.013 | 0.0013 | 0.0143 |
| 62.3667 | 0.1769 | 0 | 0 | 0 |
| 62.4 | 0.1756 | 0.013 | 0 | 0.013 |
| 62.4333 | 0.1752 | 0.013 | 0 | 0.013 |
| 62.4667 | 0.1759 | 0.013 | 0 | 0.013 |
| 62.5 | 0.1779 | 0 | 0 | 0 |
| 62.5333 | 0.1759 | 0.013 | 0 | 0.013 |
| 62.5667 | 0.1775 | 0 | 0 | 0 |
| 62.6 | 0.1775 | 0.013 | 0.0013 | 0.0143 |
| 62.6333 | 0.1769 | 0.013 | 0 | 0.013 |
| 62.6667 | 0.1795 | 0.013 | 0.0013 | 0.0143 |
| 62.7 | 0.1762 | 0 | 0 | 0 |
| 62.7333 | 0.1792 | 0.013 | 0.0013 | 0.0143 |
| 62.7667 | 0.1769 | 0 | 0 | 0 |
| 62.8 | 0.1798 | 0 | 0.0013 | 0.0013 |
| 62.8333 | 0.1798 | 0.013 | 0 | 0.013 |
| 62.8667 | 0.1788 | 0 | 0 | 0 |
| 62.9 | 0.1782 | 0.013 | 0 | 0.013 |
| 62.9333 | 0.1779 | 0 | 0 | 0 |
| 62.9667 | 0.1775 | 0 | 0.0013 | 0.0013 |
| 63 | 0.1811 | 0.0262 | 0.0013 | 0.0275 |
| 63.0333 | 0.1795 | 0.013 | 0.0013 | 0.0143 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 63.0667 | 0.1811 | 0.013 | 0.0013 | 0.0143 |
| 63.1 | 0.1772 | 0.0262 | 0.0013 | 0.0275 |
| 63.1333 | 0.1805 | 0.0262 | 0.0026 | 0.0288 |
| 63.1667 | 0.1782 | 0.013 | 0 | 0.013 |
| 63.2 | 0.1798 | 0 | 0 | 0 |
| 63.2333 | 0.1779 | 0.013 | 0 | 0.013 |
| 63.2667 | 0.1815 | 0 | 0.0013 | 0.0013 |
| 63.3 | 0.1788 | 0 | 0 | 0 |
| 63.3333 | 0.1798 | 0.013 | 0.0013 | 0.0143 |
| 63.3667 | 0.1805 | 0.013 | 0.0013 | 0.0143 |
| 63.4 | 0.1782 | 0.013 | 0 | 0.013 |
| 63.4333 | 0.1792 | 0.013 | 0 | 0.013 |
| 63.4667 | 0.1772 | 0 | 0 | 0 |
| 63.5 | 0.1792 | 0 | 0 | 0 |
| 63.5333 | 0.1779 | 0 | 0 | 0 |
| 63.5667 | 0.1769 | 0 | 0 | 0 |
| 63.6 | 0.1792 | 0 | 0.0013 | 0.0013 |
| 63.6333 | 0.1759 | 0.013 | 0 | 0.013 |
| 63.6667 | 0.1772 | 0.013 | 0.0013 | 0.0143 |
| 63.7 | 0.1762 | 0 | 0.0013 | 0.0013 |
| 63.7333 | 0.1782 | 0.013 | 0.0013 | 0.0143 |
| 63.7667 | 0.1785 | 0 | 0 | 0 |
| 63.8 | 0.1765 | 0 | 0.0013 | 0.0013 |
| 63.8333 | 0.1785 | 0 | 0 | 0 |
| 63.8667 | 0.1765 | 0.013 | 0.0013 | 0.0143 |
| 63.9 | 0.1795 | 0.013 | 0 | 0.013 |
| 63.9333 | 0.1759 | 0.013 | 0.0026 | 0.0156 |
| 63.9667 | 0.1765 | 0.013 | 0 | 0.013 |
| 64 | 0.1772 | 0 | 0 | 0 |
| 64.0333 | 0.1775 | 0 | 0 | 0 |
| 64.0667 | 0.1802 | 0.013 | 0 | 0.013 |
| 64.1 | 0.1785 | 0.013 | 0.0013 | 0.0143 |
| 64.1333 | 0.1775 | 0 | 0 | 0 |
| 64.1667 | 0.1795 | 0 | 0.0013 | 0.0013 |
| 64.2 | 0.1805 | 0 | 0 | 0 |
| 64.2333 | 0.1828 | 0.013 | 0 | 0.013 |
| 64.2667 | 0.1798 | 0 | 0 | 0 |
| 64.3 | 0.1775 | 0 | 0.0026 | 0.0026 |
| 64.3333 | 0.1798 | 0 | 0.0013 | 0.0013 |
| 64.3667 | 0.1811 | 0 | 0 | 0 |
| 64.4 | 0.1798 | 0.013 | 0 | 0.013 |
| 64.4333 | 0.1798 | 0.013 | 0.0013 | 0.0143 |
| 64.4667 | 0.1782 | 0.0262 | 0.0013 | 0.0275 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 64.5 | 0.1815 | 0 | 0.0013 | 0.0013 |
| 64.5333 | 0.1798 | 0 | 0.0013 | 0.0013 |
| 64.5667 | 0.1825 | 0 | 0 | 0 |
| 64.6 | 0.1775 | 0.013 | 0 | 0.013 |
| 64.6333 | 0.1765 | 0.013 | 0 | 0.013 |
| 64.6667 | 0.1798 | 0 | 0.0013 | 0.0013 |
| 64.7 | 0.1779 | 0 | 0 | 0 |
| 64.7333 | 0.1788 | 0 | 0 | 0 |
| 64.7667 | 0.1769 | 0.013 | 0.0013 | 0.0143 |
| 64.8 | 0.1795 | 0 | 0.0013 | 0.0013 |
| 64.8333 | 0.1772 | 0 | 0.0013 | 0.0013 |
| 64.8667 | 0.1779 | 0.013 | 0.0026 | 0.0156 |
| 64.9 | 0.1782 | 0 | 0.0013 | 0.0013 |
| 64.9333 | 0.1788 | 0 | 0.0013 | 0.0013 |
| 64.9667 | 0.1765 | 0.013 | 0 | 0.013 |
| 65 | 0.1785 | 0.013 | 0 | 0.013 |
| 65.0333 | 0.1788 | 0.013 | 0 | 0.013 |
| 65.0667 | 0.1805 | 0 | 0.0013 | 0.0013 |
| 65.1 | 0.1792 | 0 | 0 | 0 |
| 65.1333 | 0.1782 | 0.013 | 0.0026 | 0.0156 |
| 65.1667 | 0.1808 | 0 | 0.0013 | 0.0013 |
| 65.2 | 0.1818 | 0.013 | 0.0013 | 0.0143 |
| 65.2333 | 0.1818 | 0.013 | 0.0013 | 0.0143 |
| 65.2667 | 0.1772 | 0 | 0.0026 | 0.0026 |
| 65.3 | 0.1788 | 0.013 | 0.0026 | 0.0156 |
| 65.3333 | 0.1795 | 0.013 | 0.0013 | 0.0143 |
| 65.3667 | 0.1798 | 0.0393 | 0 | 0.0393 |
| 65.4 | 0.1772 | 0 | 0 | 0 |
| 65.4333 | 0.1811 | 0.0262 | 0 | 0.0262 |
| 65.4667 | 0.1815 | 0 | 0 | 0 |
| 65.5 | 0.1821 | 0.013 | 0.0013 | 0.0143 |
| 65.5333 | 0.1792 | 0.0393 | 0 | 0.0393 |
| 65.5667 | 0.1802 | 0 | 0 | 0 |
| 65.6 | 0.1818 | 0 | 0.0013 | 0.0013 |
| 65.6333 | 0.1805 | 0.013 | 0 | 0.013 |
| 65.6667 | 0.1828 | 0 | 0 | 0 |
| 65.7 | 0.1798 | 0.013 | 0 | 0.013 |
| 65.7333 | 0.1782 | 0 | 0 | 0 |
| 65.7667 | 0.1828 | 0.013 | 0.0013 | 0.0143 |
| 65.8 | 0.1779 | 0 | 0.0026 | 0.0026 |
| 65.8333 | 0.1775 | 0 | 0.0013 | 0.0013 |
| 65.8667 | 0.1811 | 0 | 0 | 0 |
| 65.9 | 0.1782 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 65.9333 | 0.1772 | 0 | 0.0013 | 0.0013 |
| 65.9667 | 0.1765 | 0.013 | 0.0013 | 0.0143 |
| 66 | 0.1815 | 0 | 0.0013 | 0.0013 |
| 66.0333 | 0.1798 | 0.013 | 0 | 0.013 |
| 66.0667 | 0.1798 | 0.013 | 0.0013 | 0.0143 |
| 66.1 | 0.1792 | 0 | 0 | 0 |
| 66.1333 | 0.1802 | 0.0262 | 0.0013 | 0.0275 |
| 66.1667 | 0.1805 | 0 | 0.0013 | 0.0013 |
| 66.2 | 0.1808 | 0 | 0 | 0 |
| 66.2333 | 0.1815 | 0.013 | 0.0013 | 0.0143 |
| 66.2667 | 0.1802 | 0 | 0.0013 | 0.0013 |
| 66.3 | 0.1821 | 0 | 0.0013 | 0.0013 |
| 66.3333 | 0.1844 | 0 | 0.0013 | 0.0013 |
| 66.3667 | 0.1805 | 0.013 | 0 | 0.013 |
| 66.4 | 0.1805 | 0 | 0.0013 | 0.0013 |
| 66.4333 | 0.1808 | 0.013 | 0 | 0.013 |
| 66.4667 | 0.1825 | 0.013 | 0 | 0.013 |
| 66.5 | 0.1838 | 0 | 0 | 0 |
| 66.5333 | 0.1828 | 0 | 0 | 0 |
| 66.5667 | 0.1798 | 0.013 | 0.0013 | 0.0143 |
| 66.6 | 0.1782 | 0 | 0.0013 | 0.0013 |
| 66.6333 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 66.6667 | 0.1802 | 0 | 0 | 0 |
| 66.7 | 0.1798 | 0.013 | 0 | 0.013 |
| 66.7333 | 0.1825 | 0.013 | 0.0026 | 0.0156 |
| 66.7667 | 0.1805 | 0.013 | 0 | 0.013 |
| 66.8 | 0.1795 | 0 | 0.0013 | 0.0013 |
| 66.8333 | 0.1815 | 0 | 0.0013 | 0.0013 |
| 66.8667 | 0.1815 | 0 | 0.0013 | 0.0013 |
| 66.9 | 0.1835 | 0 | 0.0013 | 0.0013 |
| 66.9333 | 0.1854 | 0.013 | 0 | 0.013 |
| 66.9667 | 0.1838 | 0.013 | 0 | 0.013 |
| 67 | 0.1861 | 0 | 0 | 0 |
| 67.0333 | 0.1871 | 0 | 0.0013 | 0.0013 |
| 67.0667 | 0.1858 | 0 | 0.0013 | 0.0013 |
| 67.1 | 0.1986 | 0 | 0 | 0 |
| 67.1333 | 0.2039 | 0 | 0 | 0 |
| 67.1667 | 0.2104 | 0.013 | 0 | 0.013 |
| 67.2 | 0.2164 | 0.013 | 0.0026 | 0.0156 |
| 67.2333 | 0.2233 | 0.013 | 0.0013 | 0.0143 |
| 67.2667 | 0.2332 | 0 | 0 | 0 |
| 67.3 | 0.2384 | 0.0262 | 0 | 0.0262 |
| 67.3333 | 0.2443 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 67.3667 | 0.2513 | 0 | 0.0013 | 0.0013 |
| 67.4 | 0.2585 | 0.013 | 0.0013 | 0.0143 |
| 67.4333 | 0.2651 | 0 | 0.0013 | 0.0013 |
| 67.4667 | 0.271 | 0 | 0 | 0 |
| 67.5 | 0.2733 | 0 | 0 | 0 |
| 67.5333 | 0.2812 | 0 | 0.0026 | 0.0026 |
| 67.5667 | 0.2868 | 0 | 0 | 0 |
| 67.6 | 0.2921 | 0.013 | 0 | 0.013 |
| 67.6333 | 0.2983 | 0 | 0 | 0 |
| 67.6667 | 0.3006 | 0.013 | 0.0013 | 0.0143 |
| 67.7 | 0.3039 | 0 | 0 | 0 |
| 67.7333 | 0.3115 | 0 | 0 | 0 |
| 67.7667 | 0.3151 | 0.013 | 0 | 0.013 |
| 67.8 | 0.321 | 0 | 0.0013 | 0.0013 |
| 67.8333 | 0.3263 | 0.013 | 0.0013 | 0.0143 |
| 67.8667 | 0.3306 | 0.013 | 0 | 0.013 |
| 67.9 | 0.3335 | 0 | 0.0013 | 0.0013 |
| 67.9333 | 0.3381 | 0 | 0 | 0 |
| 67.9667 | 0.3431 | 0 | 0.0013 | 0.0013 |
| 68 | 0.3444 | 0.013 | 0 | 0.013 |
| 68.0333 | 0.346 | 0 | 0.0026 | 0.0026 |
| 68.0667 | 0.3516 | 0 | 0.0013 | 0.0013 |
| 68.1 | 0.353 | 0 | 0.0026 | 0.0026 |
| 68.1333 | 0.3572 | 0.013 | 0 | 0.013 |
| 68.1667 | 0.3586 | 0 | 0.0013 | 0.0013 |
| 68.2 | 0.3609 | 0 | 0 | 0 |
| 68.2333 | 0.3572 | 0 | 0.0013 | 0.0013 |
| 68.2667 | 0.3612 | 0.013 | 0 | 0.013 |
| 68.3 | 0.3609 | 0 | 0.0013 | 0.0013 |
| 68.3333 | 0.3625 | 0.013 | 0 | 0.013 |
| 68.3667 | 0.3615 | 0 | 0.0013 | 0.0013 |
| 68.4 | 0.3612 | 0 | 0.0013 | 0.0013 |
| 68.4333 | 0.3618 | 0.013 | 0.0013 | 0.0143 |
| 68.4667 | 0.3605 | 0.0262 | 0 | 0.0262 |
| 68.5 | 0.3635 | 0 | 0.0013 | 0.0013 |
| 68.5333 | 0.3618 | 0 | 0 | 0 |
| 68.5667 | 0.3651 | 0.0262 | 0.0013 | 0.0275 |
| 68.6 | 0.3668 | 0 | 0.0013 | 0.0013 |
| 68.6333 | 0.3668 | 0 | 0.0013 | 0.0013 |
| 68.6667 | 0.3661 | 0 | 0 | 0 |
| 68.7 | 0.3661 | 0.013 | 0.0013 | 0.0143 |
| 68.7333 | 0.3661 | 0.013 | 0.0013 | 0.0143 |
| 68.7667 | 0.3711 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 68.8 | 0.3681 | 0 | 0.0013 | 0.0013 |
| 68.8333 | 0.372 | 0.013 | 0.0013 | 0.0143 |
| 68.8667 | 0.3707 | 0 | 0.0013 | 0.0013 |
| 68.9 | 0.3714 | 0.013 | 0 | 0.013 |
| 68.9333 | 0.3707 | 0 | 0 | 0 |
| 68.9667 | 0.3711 | 0 | 0.0013 | 0.0013 |
| 69 | 0.3704 | 0.013 | 0.0026 | 0.0156 |
| 69.0333 | 0.3734 | 0.013 | 0 | 0.013 |
| 69.0667 | 0.3724 | 0 | 0 | 0 |
| 69.1 | 0.3747 | 0.013 | 0 | 0.013 |
| 69.1333 | 0.3757 | 0 | 0.0013 | 0.0013 |
| 69.1667 | 0.373 | 0.0262 | 0.0013 | 0.0275 |
| 69.2 | 0.3757 | 0.013 | 0 | 0.013 |
| 69.2333 | 0.3757 | 0 | 0 | 0 |
| 69.2667 | 0.373 | 0.0262 | 0 | 0.0262 |
| 69.3 | 0.3714 | 0 | 0.0013 | 0.0013 |
| 69.3333 | 0.3734 | 0.013 | 0.0013 | 0.0143 |
| 69.3667 | 0.3711 | 0.013 | 0 | 0.013 |
| 69.4 | 0.372 | 0.013 | 0.0026 | 0.0156 |
| 69.4333 | 0.3724 | 0 | 0 | 0 |
| 69.4667 | 0.3707 | 0.013 | 0 | 0.013 |
| 69.5 | 0.3674 | 0.0262 | 0 | 0.0262 |
| 69.5333 | 0.3671 | 0 | 0 | 0 |
| 69.5667 | 0.3655 | 0.013 | 0 | 0.013 |
| 69.6 | 0.3655 | 0.013 | 0 | 0.013 |
| 69.6333 | 0.3638 | 0.013 | 0.0013 | 0.0143 |
| 69.6667 | 0.3684 | 0.0262 | 0.0013 | 0.0275 |
| 69.7 | 0.3665 | 0.013 | 0.0013 | 0.0143 |
| 69.7333 | 0.3671 | 0.013 | 0 | 0.013 |
| 69.7667 | 0.3668 | 0.013 | 0 | 0.013 |
| 69.8 | 0.3651 | 0.013 | 0 | 0.013 |
| 69.8333 | 0.3628 | 0.0262 | 0 | 0.0262 |
| 69.8667 | 0.3668 | 0 | 0.0013 | 0.0013 |
| 69.9 | 0.3641 | 0.013 | 0 | 0.013 |
| 69.9333 | 0.3625 | 0 | 0 | 0 |
| 69.9667 | 0.3641 | 0 | 0 | 0 |
| 70 | 0.3609 | 0 | 0.0026 | 0.0026 |
| 70.0333 | 0.3628 | 0.013 | 0 | 0.013 |
| 70.0667 | 0.3628 | 0.0262 | 0 | 0.0262 |
| 70.1 | 0.3618 | 0 | 0.0013 | 0.0013 |
| 70.1333 | 0.3592 | 0 | 0 | 0 |
| 70.1667 | 0.3615 | 0.0262 | 0.0039 | 0.0301 |
| 70.2 | 0.3605 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 70.2333 | 0.3609 | 0 | 0 | 0 |
| 70.2667 | 0.3589 | 0 | 0.0013 | 0.0013 |
| 70.3 | 0.3628 | 0.0262 | 0 | 0.0262 |
| 70.3333 | 0.3602 | 0 | 0 | 0 |
| 70.3667 | 0.3605 | 0.013 | 0.0013 | 0.0143 |
| 70.4 | 0.3615 | 0.013 | 0.0013 | 0.0143 |
| 70.4333 | 0.3605 | 0 | 0.0013 | 0.0013 |
| 70.4667 | 0.3602 | 0 | 0 | 0 |
| 70.5 | 0.3569 | 0 | 0.0013 | 0.0013 |
| 70.5333 | 0.3586 | 0 | 0 | 0 |
| 70.5667 | 0.3562 | 0 | 0.0013 | 0.0013 |
| 70.6 | 0.3569 | 0 | 0 | 0 |
| 70.6333 | 0.3572 | 0 | 0 | 0 |
| 70.6667 | 0.3572 | 0 | 0.0013 | 0.0013 |
| 70.7 | 0.3562 | 0 | 0 | 0 |
| 70.7333 | 0.3576 | 0 | 0 | 0 |
| 70.7667 | 0.3536 | 0 | 0 | 0 |
| 70.8 | 0.3546 | 0 | 0 | 0 |
| 70.8333 | 0.3562 | 0.013 | 0 | 0.013 |
| 70.8667 | 0.3569 | 0 | 0 | 0 |
| 70.9 | 0.3569 | 0.013 | 0 | 0.013 |
| 70.9333 | 0.3553 | 0 | 0 | 0 |
| 70.9667 | 0.3546 | 0.013 | 0 | 0.013 |
| 71 | 0.3513 | 0.013 | 0.0013 | 0.0143 |
| 71.0333 | 0.3526 | 0 | 0.0013 | 0.0013 |
| 71.0667 | 0.3553 | 0.0262 | 0 | 0.0262 |
| 71.1 | 0.3543 | 0.013 | 0.0013 | 0.0143 |
| 71.1333 | 0.3562 | 0 | 0 | 0 |
| 71.1667 | 0.3543 | 0 | 0 | 0 |
| 71.2 | 0.351 | 0 | 0.0013 | 0.0013 |
| 71.2333 | 0.3536 | 0 | 0 | 0 |
| 71.2667 | 0.3503 | 0 | 0 | 0 |
| 71.3 | 0.3487 | 0 | 0.0013 | 0.0013 |
| 71.3333 | 0.352 | 0 | 0 | 0 |
| 71.3667 | 0.352 | 0.0262 | 0.0013 | 0.0275 |
| 71.4 | 0.353 | 0.013 | 0.0013 | 0.0143 |
| 71.4333 | 0.3513 | 0.013 | 0.0013 | 0.0143 |
| 71.4667 | 0.3507 | 0 | 0.0013 | 0.0013 |
| 71.5 | 0.3503 | 0 | 0 | 0 |
| 71.5333 | 0.352 | 0 | 0 | 0 |
| 71.5667 | 0.35 | 0 | 0 | 0 |
| 71.6 | 0.351 | 0 | 0 | 0 |
| 71.6333 | 0.3497 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 71.6667 | 0.35 | 0 | 0.0013 | 0.0013 |
| 71.7 | 0.3503 | 0 | 0.0013 | 0.0013 |
| 71.7333 | 0.3487 | 0 | 0 | 0 |
| 71.7667 | 0.3523 | 0 | 0.0013 | 0.0013 |
| 71.8 | 0.353 | 0 | 0 | 0 |
| 71.8333 | 0.3513 | 0 | 0.0013 | 0.0013 |
| 71.8667 | 0.3523 | 0 | 0.0013 | 0.0013 |
| 71.9 | 0.3523 | 0 | 0.0026 | 0.0026 |
| 71.9333 | 0.3523 | 0 | 0.0013 | 0.0013 |
| 71.9667 | 0.352 | 0 | 0.0013 | 0.0013 |
| 72 | 0.347 | 0.013 | 0.0026 | 0.0156 |
| 72.0333 | 0.351 | 0.013 | 0.0013 | 0.0143 |
| 72.0667 | 0.3487 | 0 | 0 | 0 |
| 72.1 | 0.3497 | 0.013 | 0 | 0.013 |
| 72.1333 | 0.3516 | 0 | 0 | 0 |
| 72.1667 | 0.3483 | 0.013 | 0 | 0.013 |
| 72.2 | 0.3487 | 0 | 0.0013 | 0.0013 |
| 72.2333 | 0.3457 | 0 | 0.0013 | 0.0013 |
| 72.2667 | 0.3477 | 0.013 | 0.0013 | 0.0143 |
| 72.3 | 0.351 | 0.013 | 0 | 0.013 |
| 72.3333 | 0.3477 | 0.013 | 0 | 0.013 |
| 72.3667 | 0.3477 | 0 | 0.0013 | 0.0013 |
| 72.4 | 0.35 | 0.013 | 0.0013 | 0.0143 |
| 72.4333 | 0.3487 | 0 | 0.0013 | 0.0013 |
| 72.4667 | 0.3507 | 0 | 0 | 0 |
| 72.5 | 0.349 | 0 | 0 | 0 |
| 72.5333 | 0.3503 | 0 | 0.0013 | 0.0013 |
| 72.5667 | 0.3497 | 0 | 0 | 0 |
| 72.6 | 0.3513 | 0.013 | 0 | 0.013 |
| 72.6333 | 0.3474 | 0 | 0 | 0 |
| 72.6667 | 0.3503 | 0 | 0 | 0 |
| 72.7 | 0.3477 | 0 | 0.0013 | 0.0013 |
| 72.7333 | 0.3474 | 0 | 0.0013 | 0.0013 |
| 72.7667 | 0.351 | 0 | 0 | 0 |
| 72.8 | 0.3454 | 0 | 0 | 0 |
| 72.8333 | 0.3454 | 0.013 | 0 | 0.013 |
| 72.8667 | 0.3497 | 0 | 0 | 0 |
| 72.9 | 0.3487 | 0.013 | 0.0013 | 0.0143 |
| 72.9333 | 0.3483 | 0 | 0.0013 | 0.0013 |
| 72.9667 | 0.35 | 0.013 | 0 | 0.013 |
| 73 | 0.3483 | 0.0262 | 0.0013 | 0.0275 |
| 73.0333 | 0.3454 | 0.013 | 0.0013 | 0.0143 |
| 73.0667 | 0.3451 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 73.1 | 0.346 | 0 | 0 | 0 |
| 73.1333 | 0.3437 | 0 | 0 | 0 |
| 73.1667 | 0.3483 | 0 | 0 | 0 |
| 73.2 | 0.3497 | 0.013 | 0 | 0.013 |
| 73.2333 | 0.3487 | 0 | 0 | 0 |
| 73.2667 | 0.3444 | 0 | 0.0013 | 0.0013 |
| 73.3 | 0.3454 | 0 | 0 | 0 |
| 73.3333 | 0.3487 | 0 | 0 | 0 |
| 73.3667 | 0.3451 | 0 | 0.0013 | 0.0013 |
| 73.4 | 0.3457 | 0 | 0 | 0 |
| 73.4333 | 0.3477 | 0.013 | 0.0013 | 0.0143 |
| 73.4667 | 0.3464 | 0 | 0 | 0 |
| 73.5 | 0.3497 | 0.0262 | 0 | 0.0262 |
| 73.5333 | 0.347 | 0.013 | 0.0013 | 0.0143 |
| 73.5667 | 0.3444 | 0 | 0.0013 | 0.0013 |
| 73.6 | 0.3467 | 0.013 | 0.0013 | 0.0143 |
| 73.6333 | 0.3441 | 0 | 0 | 0 |
| 73.6667 | 0.3444 | 0.013 | 0.0013 | 0.0143 |
| 73.7 | 0.3464 | 0 | 0 | 0 |
| 73.7333 | 0.347 | 0 | 0.0013 | 0.0013 |
| 73.7667 | 0.35 | 0 | 0 | 0 |
| 73.8 | 0.3464 | 0.013 | 0.0013 | 0.0143 |
| 73.8333 | 0.3444 | 0.013 | 0 | 0.013 |
| 73.8667 | 0.3454 | 0 | 0.0013 | 0.0013 |
| 73.9 | 0.3487 | 0.013 | 0 | 0.013 |
| 73.9333 | 0.347 | 0 | 0 | 0 |
| 73.9667 | 0.3477 | 0 | 0 | 0 |
| 74 | 0.346 | 0 | 0 | 0 |
| 74.0333 | 0.3467 | 0 | 0 | 0 |
| 74.0667 | 0.3464 | 0 | 0 | 0 |
| 74.1 | 0.3457 | 0 | 0 | 0 |
| 74.1333 | 0.3464 | 0.013 | 0.0026 | 0.0156 |
| 74.1667 | 0.3457 | 0 | 0 | 0 |
| 74.2 | 0.3467 | 0 | 0.0013 | 0.0013 |
| 74.2333 | 0.3444 | 0.013 | 0 | 0.013 |
| 74.2667 | 0.3474 | 0 | 0.0013 | 0.0013 |
| 74.3 | 0.347 | 0 | 0 | 0 |
| 74.3333 | 0.3444 | 0.013 | 0 | 0.013 |
| 74.3667 | 0.3477 | 0 | 0.0013 | 0.0013 |
| 74.4 | 0.3447 | 0 | 0 | 0 |
| 74.4333 | 0.3444 | 0 | 0.0013 | 0.0013 |
| 74.4667 | 0.347 | 0 | 0.0013 | 0.0013 |
| 74.5 | 0.3437 | 0.013 | 0.0013 | 0.0143 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 74.5333 | 0.3444 | 0.013 | 0.0013 | 0.0143 |
| 74.5667 | 0.3447 | 0 | 0.0013 | 0.0013 |
| 74.6 | 0.3467 | 0 | 0.0026 | 0.0026 |
| 74.6333 | 0.3447 | 0.0262 | 0.0026 | 0.0288 |
| 74.6667 | 0.3454 | 0.0262 | 0.0013 | 0.0275 |
| 74.7 | 0.3441 | 0 | 0.0013 | 0.0013 |
| 74.7333 | 0.3444 | 0.013 | 0 | 0.013 |
| 74.7667 | 0.3487 | 0 | 0.0013 | 0.0013 |
| 74.8 | 0.346 | 0.013 | 0.0013 | 0.0143 |
| 74.8333 | 0.3454 | 0 | 0 | 0 |
| 74.8667 | 0.3474 | 0.013 | 0 | 0.013 |
| 74.9 | 0.3477 | 0.013 | 0.0013 | 0.0143 |
| 74.9333 | 0.3454 | 0.013 | 0.0026 | 0.0156 |
| 74.9667 | 0.349 | 0.013 | 0 | 0.013 |
| 75 | 0.347 | 0 | 0 | 0 |
| 75.0333 | 0.3447 | 0 | 0.0013 | 0.0013 |
| 75.0667 | 0.3451 | 0.013 | 0 | 0.013 |
| 75.1 | 0.3464 | 0.013 | 0 | 0.013 |
| 75.1333 | 0.3457 | 0 | 0 | 0 |
| 75.1667 | 0.35 | 0 | 0 | 0 |
| 75.2 | 0.3467 | 0.0262 | 0.0013 | 0.0275 |
| 75.2333 | 0.3457 | 0 | 0.0013 | 0.0013 |
| 75.2667 | 0.3457 | 0 | 0 | 0 |
| 75.3 | 0.3477 | 0 | 0.0013 | 0.0013 |
| 75.3333 | 0.346 | 0 | 0.0026 | 0.0026 |
| 75.3667 | 0.3467 | 0.013 | 0.0013 | 0.0143 |
| 75.4 | 0.349 | 0.013 | 0 | 0.013 |
| 75.4333 | 0.346 | 0 | 0 | 0 |
| 75.4667 | 0.347 | 0.0262 | 0.0013 | 0.0275 |
| 75.5 | 0.3447 | 0 | 0.0013 | 0.0013 |
| 75.5333 | 0.3464 | 0.013 | 0 | 0.013 |
| 75.5667 | 0.347 | 0 | 0.0013 | 0.0013 |
| 75.6 | 0.3467 | 0.013 | 0.0013 | 0.0143 |
| 75.6333 | 0.3451 | 0 | 0 | 0 |
| 75.6667 | 0.35 | 0.013 | 0.0013 | 0.0143 |
| 75.7 | 0.346 | 0.013 | 0 | 0.013 |
| 75.7333 | 0.3457 | 0.0262 | 0 | 0.0262 |
| 75.7667 | 0.3451 | 0 | 0.0013 | 0.0013 |
| 75.8 | 0.3477 | 0.013 | 0 | 0.013 |
| 75.8333 | 0.3483 | 0 | 0.0013 | 0.0013 |
| 75.8667 | 0.3503 | 0 | 0 | 0 |
| 75.9 | 0.3451 | 0.013 | 0 | 0.013 |
| 75.9333 | 0.3483 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 75.9667 | 0.348 | 0.013 | 0 | 0.013 |
| 76 | 0.3474 | 0.013 | 0 | 0.013 |
| 76.0333 | 0.3483 | 0 | 0 | 0 |
| 76.0667 | 0.3467 | 0.013 | 0 | 0.013 |
| 76.1 | 0.347 | 0 | 0 | 0 |
| 76.1333 | 0.347 | 0 | 0 | 0 |
| 76.1667 | 0.3474 | 0 | 0.0013 | 0.0013 |
| 76.2 | 0.3487 | 0 | 0 | 0 |
| 76.2333 | 0.3487 | 0.013 | 0 | 0.013 |
| 76.2667 | 0.3477 | 0 | 0.0013 | 0.0013 |
| 76.3 | 0.3474 | 0 | 0 | 0 |
| 76.3333 | 0.3474 | 0.013 | 0 | 0.013 |
| 76.3667 | 0.348 | 0.013 | 0 | 0.013 |
| 76.4 | 0.3497 | 0.0262 | 0.0026 | 0.0288 |
| 76.4333 | 0.3507 | 0.0262 | 0 | 0.0262 |
| 76.4667 | 0.3487 | 0.013 | 0 | 0.013 |
| 76.5 | 0.346 | 0 | 0 | 0 |
| 76.5333 | 0.349 | 0.013 | 0.0013 | 0.0143 |
| 76.5667 | 0.3444 | 0 | 0 | 0 |
| 76.6 | 0.3474 | 0 | 0 | 0 |
| 76.6333 | 0.349 | 0 | 0 | 0 |
| 76.6667 | 0.3483 | 0.013 | 0.0013 | 0.0143 |
| 76.7 | 0.3483 | 0 | 0 | 0 |
| 76.7333 | 0.3503 | 0 | 0 | 0 |
| 76.7667 | 0.3477 | 0 | 0 | 0 |
| 76.8 | 0.3467 | 0 | 0 | 0 |
| 76.8333 | 0.348 | 0 | 0 | 0 |
| 76.8667 | 0.3507 | 0.013 | 0.0026 | 0.0156 |
| 76.9 | 0.3467 | 0 | 0 | 0 |
| 76.9333 | 0.3497 | 0.013 | 0 | 0.013 |
| 76.9667 | 0.3483 | 0 | 0 | 0 |
| 77 | 0.3516 | 0.013 | 0.0013 | 0.0143 |
| 77.0333 | 0.349 | 0 | 0.0013 | 0.0013 |
| 77.0667 | 0.347 | 0.013 | 0 | 0.013 |
| 77.1 | 0.347 | 0.013 | 0 | 0.013 |
| 77.1333 | 0.3464 | 0 | 0.0013 | 0.0013 |
| 77.1667 | 0.3487 | 0.013 | 0 | 0.013 |
| 77.2 | 0.3497 | 0.013 | 0.0013 | 0.0143 |
| 77.2333 | 0.3513 | 0 | 0 | 0 |
| 77.2667 | 0.3507 | 0.013 | 0.0013 | 0.0143 |
| 77.3 | 0.3507 | 0 | 0.0013 | 0.0013 |
| 77.3333 | 0.3497 | 0.013 | 0.0013 | 0.0143 |
| 77.3667 | 0.3477 | 0.013 | 0 | 0.013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 77.4 | 0.348 | 0.013 | 0 | 0.013 |
| 77.4333 | 0.351 | 0.0262 | 0 | 0.0262 |
| 77.4667 | 0.3483 | 0.013 | 0.0013 | 0.0143 |
| 77.5 | 0.3483 | 0 | 0.0013 | 0.0013 |
| 77.5333 | 0.3487 | 0 | 0 | 0 |
| 77.5667 | 0.351 | 0 | 0.0013 | 0.0013 |
| 77.6 | 0.3513 | 0 | 0 | 0 |
| 77.6333 | 0.349 | 0.013 | 0 | 0.013 |
| 77.6667 | 0.3474 | 0.013 | 0.0013 | 0.0143 |
| 77.7 | 0.3507 | 0 | 0 | 0 |
| 77.7333 | 0.3483 | 0.013 | 0 | 0.013 |
| 77.7667 | 0.346 | 0.0262 | 0.0013 | 0.0275 |
| 77.8 | 0.348 | 0.013 | 0.0013 | 0.0143 |
| 77.8333 | 0.349 | 0 | 0 | 0 |
| 77.8667 | 0.35 | 0 | 0 | 0 |
| 77.9 | 0.3483 | 0.013 | 0.0013 | 0.0143 |
| 77.9333 | 0.3483 | 0.013 | 0.0026 | 0.0156 |
| 77.9667 | 0.3507 | 0.0262 | 0.0013 | 0.0275 |
| 78 | 0.3503 | 0.013 | 0 | 0.013 |
| 78.0333 | 0.349 | 0.013 | 0 | 0.013 |
| 78.0667 | 0.3497 | 0 | 0.0013 | 0.0013 |
| 78.1 | 0.347 | 0 | 0 | 0 |
| 78.1333 | 0.35 | 0 | 0.0013 | 0.0013 |
| 78.1667 | 0.3493 | 0.0262 | 0 | 0.0262 |
| 78.2 | 0.349 | 0 | 0.0013 | 0.0013 |
| 78.2333 | 0.3507 | 0.013 | 0 | 0.013 |
| 78.2667 | 0.3513 | 0.013 | 0 | 0.013 |
| 78.3 | 0.3477 | 0.013 | 0 | 0.013 |
| 78.3333 | 0.3516 | 0 | 0 | 0 |
| 78.3667 | 0.3487 | 0.013 | 0 | 0.013 |
| 78.4 | 0.3503 | 0.013 | 0 | 0.013 |
| 78.4333 | 0.352 | 0 | 0.0013 | 0.0013 |
| 78.4667 | 0.3507 | 0 | 0.0013 | 0.0013 |
| 78.5 | 0.35 | 0 | 0 | 0 |
| 78.5333 | 0.353 | 0 | 0 | 0 |
| 78.5667 | 0.3513 | 0.0262 | 0.0013 | 0.0275 |
| 78.6 | 0.3513 | 0.013 | 0 | 0.013 |
| 78.6333 | 0.3533 | 0.013 | 0.0013 | 0.0143 |
| 78.6667 | 0.3516 | 0.0262 | 0 | 0.0262 |
| 78.7 | 0.3513 | 0.013 | 0 | 0.013 |
| 78.7333 | 0.3513 | 0 | 0 | 0 |
| 78.7667 | 0.3526 | 0.013 | 0.0013 | 0.0143 |
| 78.8 | 0.3533 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

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September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 78.8333 | 0.3513 | 0 | 0 | 0 |
| 78.8667 | 0.353 | 0 | 0.0013 | 0.0013 |
| 78.9 | 0.3546 | 0.013 | 0.0013 | 0.0143 |
| 78.9333 | 0.352 | 0 | 0.0026 | 0.0026 |
| 78.9667 | 0.3507 | 0.013 | 0 | 0.013 |
| 79 | 0.3546 | 0.013 | 0.0013 | 0.0143 |
| 79.0333 | 0.3536 | 0.013 | 0.0013 | 0.0143 |
| 79.0667 | 0.3526 | 0 | 0.0013 | 0.0013 |
| 79.1 | 0.3543 | 0.013 | 0 | 0.013 |
| 79.1333 | 0.353 | 0.013 | 0 | 0.013 |
| 79.1667 | 0.3546 | 0 | 0.0013 | 0.0013 |
| 79.2 | 0.352 | 0 | 0.0013 | 0.0013 |
| 79.2333 | 0.3536 | 0.013 | 0.0013 | 0.0143 |
| 79.2667 | 0.3546 | 0.013 | 0 | 0.013 |
| 79.3 | 0.352 | 0 | 0.0013 | 0.0013 |
| 79.3333 | 0.352 | 0.013 | 0.0013 | 0.0143 |
| 79.3667 | 0.3526 | 0 | 0.0013 | 0.0013 |
| 79.4 | 0.35 | 0.0262 | 0.0013 | 0.0275 |
| 79.4333 | 0.352 | 0 | 0 | 0 |
| 79.4667 | 0.3526 | 0 | 0 | 0 |
| 79.5 | 0.3513 | 0 | 0.0013 | 0.0013 |
| 79.5333 | 0.3539 | 0 | 0.0013 | 0.0013 |
| 79.5667 | 0.3523 | 0 | 0.0013 | 0.0013 |
| 79.6 | 0.3539 | 0 | 0.0013 | 0.0013 |
| 79.6333 | 0.352 | 0.0262 | 0 | 0.0262 |
| 79.6667 | 0.352 | 0.013 | 0.0013 | 0.0143 |
| 79.7 | 0.3513 | 0 | 0.0013 | 0.0013 |
| 79.7333 | 0.3526 | 0.013 | 0.0013 | 0.0143 |
| 79.7667 | 0.3526 | 0 | 0 | 0 |
| 79.8 | 0.3556 | 0.013 | 0.0013 | 0.0143 |
| 79.8333 | 0.3526 | 0.013 | 0 | 0.013 |
| 79.8667 | 0.3549 | 0 | 0.0013 | 0.0013 |
| 79.9 | 0.35 | 0 | 0 | 0 |
| 79.9333 | 0.3562 | 0 | 0 | 0 |
| 79.9667 | 0.351 | 0.013 | 0 | 0.013 |
| 80 | 0.3533 | 0 | 0 | 0 |
| 80.0333 | 0.3526 | 0 | 0 | 0 |
| 80.0667 | 0.3513 | 0 | 0.0013 | 0.0013 |
| 80.1 | 0.3526 | 0.013 | 0.0026 | 0.0156 |
| 80.1333 | 0.3533 | 0 | 0.0013 | 0.0013 |
| 80.1667 | 0.3493 | 0 | 0.0013 | 0.0013 |
| 80.2 | 0.3513 | 0.013 | 0 | 0.013 |
| 80.2333 | 0.3516 | 0.013 | 0 | 0.013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 80.2667 | 0.353 | 0.013 | 0 | 0.013 |
| 80.3 | 0.3516 | 0 | 0.0013 | 0.0013 |
| 80.3333 | 0.3523 | 0 | 0 | 0 |
| 80.3667 | 0.3546 | 0 | 0.0013 | 0.0013 |
| 80.4 | 0.3549 | 0.013 | 0 | 0.013 |
| 80.4333 | 0.3536 | 0.013 | 0.0013 | 0.0143 |
| 80.4667 | 0.352 | 0.013 | 0 | 0.013 |
| 80.5 | 0.3562 | 0.013 | 0.0013 | 0.0143 |
| 80.5333 | 0.352 | 0 | 0.0026 | 0.0026 |
| 80.5667 | 0.3556 | 0 | 0 | 0 |
| 80.6 | 0.3533 | 0 | 0.0013 | 0.0013 |
| 80.6333 | 0.3543 | 0.013 | 0.0013 | 0.0143 |
| 80.6667 | 0.3549 | 0 | 0.0013 | 0.0013 |
| 80.7 | 0.3553 | 0.013 | 0 | 0.013 |
| 80.7333 | 0.3602 | 0 | 0 | 0 |
| 80.7667 | 0.3536 | 0.013 | 0.0013 | 0.0143 |
| 80.8 | 0.3553 | 0 | 0.0013 | 0.0013 |
| 80.8333 | 0.3566 | 0 | 0.0013 | 0.0013 |
| 80.8667 | 0.3539 | 0.013 | 0 | 0.013 |
| 80.9 | 0.3549 | 0 | 0.0013 | 0.0013 |
| 80.9333 | 0.3536 | 0.013 | 0.0013 | 0.0143 |
| 80.9667 | 0.3553 | 0 | 0.0013 | 0.0013 |
| 81 | 0.3549 | 0 | 0.0013 | 0.0013 |
| 81.0333 | 0.3539 | 0 | 0 | 0 |
| 81.0667 | 0.3523 | 0.013 | 0.0013 | 0.0143 |
| 81.1 | 0.3549 | 0.0262 | 0 | 0.0262 |
| 81.1333 | 0.3536 | 0 | 0.0013 | 0.0013 |
| 81.1667 | 0.3523 | 0 | 0.0013 | 0.0013 |
| 81.2 | 0.3553 | 0 | 0 | 0 |
| 81.2333 | 0.3553 | 0.013 | 0 | 0.013 |
| 81.2667 | 0.3526 | 0.013 | 0 | 0.013 |
| 81.3 | 0.3546 | 0.013 | 0 | 0.013 |
| 81.3333 | 0.3543 | 0.013 | 0 | 0.013 |
| 81.3667 | 0.3526 | 0 | 0 | 0 |
| 81.4 | 0.3562 | 0 | 0.0013 | 0.0013 |
| 81.4333 | 0.3516 | 0.013 | 0 | 0.013 |
| 81.4667 | 0.3549 | 0 | 0.0013 | 0.0013 |
| 81.5 | 0.3549 | 0.0262 | 0.0013 | 0.0275 |
| 81.5333 | 0.3543 | 0 | 0.0013 | 0.0013 |
| 81.5667 | 0.3543 | 0.013 | 0.0013 | 0.0143 |
| 81.6 | 0.3556 | 0 | 0 | 0 |
| 81.6333 | 0.3539 | 0.013 | 0.0026 | 0.0156 |
| 81.6667 | 0.3562 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 81.7 | 0.3543 | 0.013 | 0.0013 | 0.0143 |
| 81.7333 | 0.3536 | 0.013 | 0.0013 | 0.0143 |
| 81.7667 | 0.3543 | 0 | 0 | 0 |
| 81.8 | 0.3536 | 0 | 0 | 0 |
| 81.8333 | 0.3543 | 0.013 | 0 | 0.013 |
| 81.8667 | 0.3553 | 0.013 | 0.0013 | 0.0143 |
| 81.9 | 0.3553 | 0 | 0 | 0 |
| 81.9333 | 0.3549 | 0 | 0.0013 | 0.0013 |
| 81.9667 | 0.3526 | 0 | 0.0026 | 0.0026 |
| 82 | 0.3553 | 0 | 0 | 0 |
| 82.0333 | 0.353 | 0.013 | 0 | 0.013 |
| 82.0667 | 0.3543 | 0 | 0.0013 | 0.0013 |
| 82.1 | 0.3526 | 0 | 0 | 0 |
| 82.1333 | 0.3556 | 0.013 | 0.0013 | 0.0143 |
| 82.1667 | 0.3569 | 0.0262 | 0 | 0.0262 |
| 82.2 | 0.3576 | 0 | 0 | 0 |
| 82.2333 | 0.3536 | 0 | 0.0013 | 0.0013 |
| 82.2667 | 0.3539 | 0 | 0 | 0 |
| 82.3 | 0.3539 | 0 | 0 | 0 |
| 82.3333 | 0.3543 | 0 | 0.0013 | 0.0013 |
| 82.3667 | 0.3556 | 0.013 | 0.0013 | 0.0143 |
| 82.4 | 0.3549 | 0 | 0 | 0 |
| 82.4333 | 0.3546 | 0.013 | 0 | 0.013 |
| 82.4667 | 0.3539 | 0 | 0.0013 | 0.0013 |
| 82.5 | 0.3533 | 0.013 | 0 | 0.013 |
| 82.5333 | 0.3553 | 0 | 0.0013 | 0.0013 |
| 82.5667 | 0.3536 | 0.013 | 0.0026 | 0.0156 |
| 82.6 | 0.3553 | 0 | 0.0013 | 0.0013 |
| 82.6333 | 0.3556 | 0.013 | 0 | 0.013 |
| 82.6667 | 0.3579 | 0.013 | 0 | 0.013 |
| 82.7 | 0.3553 | 0 | 0 | 0 |
| 82.7333 | 0.352 | 0 | 0 | 0 |
| 82.7667 | 0.3562 | 0.013 | 0 | 0.013 |
| 82.8 | 0.3569 | 0 | 0.0013 | 0.0013 |
| 82.8333 | 0.3569 | 0 | 0.0026 | 0.0026 |
| 82.8667 | 0.3595 | 0.013 | 0.0013 | 0.0143 |
| 82.9 | 0.3569 | 0.013 | 0.0013 | 0.0143 |
| 82.9333 | 0.3566 | 0.013 | 0.0013 | 0.0143 |
| 82.9667 | 0.3579 | 0.013 | 0 | 0.013 |
| 83 | 0.3562 | 0 | 0 | 0 |
| 83.0333 | 0.3566 | 0.0262 | 0.0013 | 0.0275 |
| 83.0667 | 0.3546 | 0 | 0 | 0 |
| 83.1 | 0.3566 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 83.1333 | 0.3572 | 0 | 0 | 0 |
| 83.1667 | 0.3553 | 0.013 | 0 | 0.013 |
| 83.2 | 0.3536 | 0.013 | 0.0013 | 0.0143 |
| 83.2333 | 0.3589 | 0 | 0.0013 | 0.0013 |
| 83.2667 | 0.3556 | 0 | 0.0013 | 0.0013 |
| 83.3 | 0.3556 | 0.013 | 0.0013 | 0.0143 |
| 83.3333 | 0.3536 | 0 | 0.0026 | 0.0026 |
| 83.3667 | 0.3556 | 0 | 0.0026 | 0.0026 |
| 83.4 | 0.3549 | 0 | 0 | 0 |
| 83.4333 | 0.3543 | 0 | 0 | 0 |
| 83.4667 | 0.3566 | 0.0262 | 0 | 0.0262 |
| 83.5 | 0.3546 | 0 | 0 | 0 |
| 83.5333 | 0.3546 | 0.013 | 0 | 0.013 |
| 83.5667 | 0.3553 | 0.013 | 0 | 0.013 |
| 83.6 | 0.3566 | 0.013 | 0.0026 | 0.0156 |
| 83.6333 | 0.3562 | 0.013 | 0.0013 | 0.0143 |
| 83.6667 | 0.3599 | 0 | 0.0013 | 0.0013 |
| 83.7 | 0.3582 | 0.013 | 0 | 0.013 |
| 83.7333 | 0.3562 | 0 | 0 | 0 |
| 83.7667 | 0.3586 | 0 | 0.0013 | 0.0013 |
| 83.8 | 0.3592 | 0 | 0 | 0 |
| 83.8333 | 0.3546 | 0 | 0 | 0 |
| 83.8667 | 0.3582 | 0 | 0.0013 | 0.0013 |
| 83.9 | 0.3556 | 0 | 0 | 0 |
| 83.9333 | 0.3566 | 0.013 | 0 | 0.013 |
| 83.9667 | 0.3559 | 0.013 | 0 | 0.013 |
| 84 | 0.3559 | 0.013 | 0.0039 | 0.0169 |
| 84.0333 | 0.3569 | 0 | 0 | 0 |
| 84.0667 | 0.3572 | 0.013 | 0.0013 | 0.0143 |
| 84.1 | 0.3562 | 0.013 | 0.0013 | 0.0143 |
| 84.1333 | 0.3546 | 0 | 0.0026 | 0.0026 |
| 84.1667 | 0.3553 | 0.013 | 0 | 0.013 |
| 84.2 | 0.3559 | 0.0262 | 0 | 0.0262 |
| 84.2333 | 0.3533 | 0 | 0.0013 | 0.0013 |
| 84.2667 | 0.3539 | 0.013 | 0.0026 | 0.0156 |
| 84.3 | 0.3592 | 0 | 0.0026 | 0.0026 |
| 84.3333 | 0.3576 | 0 | 0.0026 | 0.0026 |
| 84.3667 | 0.3562 | 0.013 | 0.0013 | 0.0143 |
| 84.4 | 0.3582 | 0.013 | 0.0013 | 0.0143 |
| 84.4333 | 0.3582 | 0.013 | 0.0013 | 0.0143 |
| 84.4667 | 0.3579 | 0 | 0 | 0 |
| 84.5 | 0.3562 | 0.0262 | 0.0026 | 0.0288 |
| 84.5333 | 0.3546 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 84.5667 | 0.3576 | 0 | 0 | 0 |
| 84.6 | 0.3586 | 0.013 | 0 | 0.013 |
| 84.6333 | 0.353 | 0 | 0.0026 | 0.0026 |
| 84.6667 | 0.3586 | 0 | 0.0013 | 0.0013 |
| 84.7 | 0.3572 | 0.013 | 0 | 0.013 |
| 84.7333 | 0.3592 | 0 | 0 | 0 |
| 84.7667 | 0.3569 | 0.013 | 0.0013 | 0.0143 |
| 84.8 | 0.3579 | 0 | 0.0013 | 0.0013 |
| 84.8333 | 0.3556 | 0.013 | 0 | 0.013 |
| 84.8667 | 0.352 | 0.013 | 0.0013 | 0.0143 |
| 84.9 | 0.3562 | 0.013 | 0 | 0.013 |
| 84.9333 | 0.3546 | 0 | 0.0013 | 0.0013 |
| 84.9667 | 0.3562 | 0 | 0 | 0 |
| 85 | 0.3553 | 0 | 0.0013 | 0.0013 |
| 85.0333 | 0.3539 | 0.0262 | 0 | 0.0262 |
| 85.0667 | 0.3516 | 0 | 0 | 0 |
| 85.1 | 0.3562 | 0 | 0.0013 | 0.0013 |
| 85.1333 | 0.3566 | 0 | 0 | 0 |
| 85.1667 | 0.3562 | 0.013 | 0 | 0.013 |
| 85.2 | 0.3562 | 0.013 | 0.0013 | 0.0143 |
| 85.2333 | 0.3599 | 0 | 0.0013 | 0.0013 |
| 85.2667 | 0.3572 | 0.013 | 0 | 0.013 |
| 85.3 | 0.3572 | 0.0262 | 0.0026 | 0.0288 |
| 85.3333 | 0.3589 | 0.013 | 0.0013 | 0.0143 |
| 85.3667 | 0.3595 | 0 | 0.0013 | 0.0013 |
| 85.4 | 0.3559 | 0.0262 | 0 | 0.0262 |
| 85.4333 | 0.3592 | 0.013 | 0 | 0.013 |
| 85.4667 | 0.3599 | 0 | 0 | 0 |
| 85.5 | 0.3609 | 0 | 0 | 0 |
| 85.5333 | 0.3592 | 0 | 0.0013 | 0.0013 |
| 85.5667 | 0.3579 | 0 | 0.0013 | 0.0013 |
| 85.6 | 0.3559 | 0.013 | 0.0013 | 0.0143 |
| 85.6333 | 0.3562 | 0 | 0.0013 | 0.0013 |
| 85.6667 | 0.3582 | 0 | 0 | 0 |
| 85.7 | 0.3579 | 0.013 | 0 | 0.013 |
| 85.7333 | 0.3605 | 0 | 0.0013 | 0.0013 |
| 85.7667 | 0.3605 | 0.013 | 0 | 0.013 |
| 85.8 | 0.3569 | 0 | 0 | 0 |
| 85.8333 | 0.3562 | 0.013 | 0.0013 | 0.0143 |
| 85.8667 | 0.3549 | 0 | 0.0013 | 0.0013 |
| 85.9 | 0.3589 | 0 | 0.0013 | 0.0013 |
| 85.9333 | 0.3602 | 0 | 0.0013 | 0.0013 |
| 85.9667 | 0.3566 | 0.013 | 0.0013 | 0.0143 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 86 | 0.3582 | 0.013 | 0 | 0.013 |
| 86.0333 | 0.3579 | 0.013 | 0 | 0.013 |
| 86.0667 | 0.3572 | 0.013 | 0 | 0.013 |
| 86.1 | 0.3602 | 0 | 0 | 0 |
| 86.1333 | 0.3595 | 0.013 | 0 | 0.013 |
| 86.1667 | 0.3602 | 0 | 0.0026 | 0.0026 |
| 86.2 | 0.3612 | 0.013 | 0.0013 | 0.0143 |
| 86.2333 | 0.3592 | 0 | 0 | 0 |
| 86.2667 | 0.3589 | 0 | 0 | 0 |
| 86.3 | 0.3572 | 0 | 0.0013 | 0.0013 |
| 86.3333 | 0.3602 | 0.013 | 0.0026 | 0.0156 |
| 86.3667 | 0.3592 | 0.0262 | 0 | 0.0262 |
| 86.4 | 0.3602 | 0 | 0 | 0 |
| 86.4333 | 0.3595 | 0.013 | 0 | 0.013 |
| 86.4667 | 0.3582 | 0 | 0.0013 | 0.0013 |
| 86.5 | 0.3579 | 0 | 0.0013 | 0.0013 |
| 86.5333 | 0.3576 | 0.013 | 0 | 0.013 |
| 86.5667 | 0.3562 | 0.013 | 0.0013 | 0.0143 |
| 86.6 | 0.3576 | 0 | 0 | 0 |
| 86.6333 | 0.3579 | 0.013 | 0.0013 | 0.0143 |
| 86.6667 | 0.3572 | 0 | 0 | 0 |
| 86.7 | 0.3595 | 0 | 0 | 0 |
| 86.7333 | 0.3579 | 0.013 | 0.0013 | 0.0143 |
| 86.7667 | 0.3576 | 0.013 | 0 | 0.013 |
| 86.8 | 0.3592 | 0.013 | 0 | 0.013 |
| 86.8333 | 0.3599 | 0 | 0 | 0 |
| 86.8667 | 0.3579 | 0.013 | 0 | 0.013 |
| 86.9 | 0.3609 | 0.013 | 0.0013 | 0.0143 |
| 86.9333 | 0.3553 | 0.013 | 0.0013 | 0.0143 |
| 86.9667 | 0.3553 | 0.013 | 0.0013 | 0.0143 |
| 87 | 0.3569 | 0.013 | 0 | 0.013 |
| 87.0333 | 0.3566 | 0 | 0 | 0 |
| 87.0667 | 0.3576 | 0.013 | 0 | 0.013 |
| 87.1 | 0.3562 | 0 | 0 | 0 |
| 87.1333 | 0.3559 | 0.013 | 0.0013 | 0.0143 |
| 87.1667 | 0.3562 | 0.013 | 0 | 0.013 |
| 87.2 | 0.3618 | 0.013 | 0.0013 | 0.0143 |
| 87.2333 | 0.3592 | 0 | 0.0013 | 0.0013 |
| 87.2667 | 0.3592 | 0.013 | 0.0013 | 0.0143 |
| 87.3 | 0.3602 | 0.013 | 0 | 0.013 |
| 87.3333 | 0.3576 | 0 | 0.0013 | 0.0013 |
| 87.3667 | 0.3579 | 0 | 0 | 0 |
| 87.4 | 0.3622 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 87.4333 | 0.3582 | 0.0262 | 0.0013 | 0.0275 |
| 87.4667 | 0.3579 | 0 | 0 | 0 |
| 87.5 | 0.3586 | 0.013 | 0.0026 | 0.0156 |
| 87.5333 | 0.3586 | 0.013 | 0 | 0.013 |
| 87.5667 | 0.3592 | 0 | 0.0013 | 0.0013 |
| 87.6 | 0.3612 | 0.013 | 0.0013 | 0.0143 |
| 87.6333 | 0.3586 | 0 | 0 | 0 |
| 87.6667 | 0.3595 | 0 | 0.0026 | 0.0026 |
| 87.7 | 0.3595 | 0.013 | 0.0013 | 0.0143 |
| 87.7333 | 0.3562 | 0.013 | 0 | 0.013 |
| 87.7667 | 0.3592 | 0 | 0 | 0 |
| 87.8 | 0.3559 | 0 | 0.0026 | 0.0026 |
| 87.8333 | 0.3582 | 0.013 | 0.0013 | 0.0143 |
| 87.8667 | 0.3562 | 0.013 | 0.0013 | 0.0143 |
| 87.9 | 0.3566 | 0.013 | 0 | 0.013 |
| 87.9333 | 0.3586 | 0.013 | 0 | 0.013 |
| 87.9667 | 0.3595 | 0 | 0 | 0 |
| 88 | 0.3569 | 0.013 | 0 | 0.013 |
| 88.0333 | 0.3589 | 0.013 | 0.0013 | 0.0143 |
| 88.0667 | 0.3595 | 0 | 0 | 0 |
| 88.1 | 0.3605 | 0 | 0 | 0 |
| 88.1333 | 0.3553 | 0.013 | 0.0026 | 0.0156 |
| 88.1667 | 0.3605 | 0.013 | 0 | 0.013 |
| 88.2 | 0.3589 | 0 | 0 | 0 |
| 88.2333 | 0.3586 | 0.013 | 0.0013 | 0.0143 |
| 88.2667 | 0.3569 | 0.0262 | 0.0013 | 0.0275 |
| 88.3 | 0.3605 | 0.013 | 0 | 0.013 |
| 88.3333 | 0.3576 | 0.013 | 0.0013 | 0.0143 |
| 88.3667 | 0.3579 | 0.013 | 0.0026 | 0.0156 |
| 88.4 | 0.3589 | 0 | 0.0026 | 0.0026 |
| 88.4333 | 0.3612 | 0 | 0 | 0 |
| 88.4667 | 0.3576 | 0 | 0 | 0 |
| 88.5 | 0.3556 | 0.013 | 0 | 0.013 |
| 88.5333 | 0.3582 | 0 | 0 | 0 |
| 88.5667 | 0.3572 | 0 | 0 | 0 |
| 88.6 | 0.3562 | 0 | 0.0013 | 0.0013 |
| 88.6333 | 0.3618 | 0 | 0.0013 | 0.0013 |
| 88.6667 | 0.3609 | 0.0262 | 0 | 0.0262 |
| 88.7 | 0.3605 | 0.013 | 0 | 0.013 |
| 88.7333 | 0.3609 | 0 | 0 | 0 |
| 88.7667 | 0.3628 | 0 | 0.0013 | 0.0013 |
| 88.8 | 0.3589 | 0 | 0 | 0 |
| 88.8333 | 0.3602 | 0.013 | 0 | 0.013 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 88.8667 | 0.3602 | 0 | 0 | 0 |
| 88.9 | 0.3615 | 0 | 0 | 0 |
| 88.9333 | 0.3602 | 0.013 | 0 | 0.013 |
| 88.9667 | 0.3618 | 0.013 | 0.0013 | 0.0143 |
| 89 | 0.3579 | 0.013 | 0 | 0.013 |
| 89.0333 | 0.3599 | 0 | 0 | 0 |
| 89.0667 | 0.3615 | 0.0262 | 0 | 0.0262 |
| 89.1 | 0.3599 | 0 | 0 | 0 |
| 89.1333 | 0.3625 | 0.013 | 0 | 0.013 |
| 89.1667 | 0.3589 | 0.013 | 0.0026 | 0.0156 |
| 89.2 | 0.3586 | 0 | 0.0013 | 0.0013 |
| 89.2333 | 0.3586 | 0.013 | 0.0013 | 0.0143 |
| 89.2667 | 0.3589 | 0.013 | 0.0013 | 0.0143 |
| 89.3 | 0.3638 | 0.013 | 0 | 0.013 |
| 89.3333 | 0.3586 | 0.013 | 0.0013 | 0.0143 |
| 89.3667 | 0.3609 | 0.013 | 0 | 0.013 |
| 89.4 | 0.3602 | 0.013 | 0 | 0.013 |
| 89.4333 | 0.3602 | 0.0262 | 0.0013 | 0.0275 |
| 89.4667 | 0.3582 | 0 | 0 | 0 |
| 89.5 | 0.3609 | 0 | 0 | 0 |
| 89.5333 | 0.3605 | 0.013 | 0.0013 | 0.0143 |
| 89.5667 | 0.3612 | 0.013 | 0.0013 | 0.0143 |
| 89.6 | 0.3612 | 0 | 0 | 0 |
| 89.6333 | 0.3592 | 0.013 | 0 | 0.013 |
| 89.6667 | 0.3605 | 0 | 0 | 0 |
| 89.7 | 0.3556 | 0 | 0 | 0 |
| 89.7333 | 0.3579 | 0.013 | 0.0013 | 0.0143 |
| 89.7667 | 0.3572 | 0 | 0.0013 | 0.0013 |
| 89.8 | 0.3618 | 0 | 0 | 0 |
| 89.8333 | 0.3605 | 0 | 0.0013 | 0.0013 |
| 89.8667 | 0.3595 | 0 | 0.0013 | 0.0013 |
| 89.9 | 0.3579 | 0.013 | 0.0013 | 0.0143 |
| 89.9333 | 0.3609 | 0.013 | 0.0013 | 0.0143 |
| 89.9667 | 0.3576 | 0 | 0 | 0 |
| 90 | 0.3618 | 0 | 0 | 0 |
| 90.0333 | 0.3582 | 0.013 | 0.0013 | 0.0143 |
| 90.0667 | 0.3612 | 0 | 0.0013 | 0.0013 |
| 90.1 | 0.3605 | 0 | 0.0026 | 0.0026 |
| 90.1333 | 0.3612 | 0 | 0.0013 | 0.0013 |
| 90.1667 | 0.3612 | 0.013 | 0.0013 | 0.0143 |
| 90.2 | 0.3589 | 0 | 0 | 0 |
| 90.2333 | 0.3625 | 0 | 0 | 0 |
| 90.2667 | 0.3586 | 0.013 | 0 | 0.013 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 90.3 | 0.3609 | 0 | 0.0013 | 0.0013 |
| 90.3333 | 0.3572 | 0 | 0.0013 | 0.0013 |
| 90.3667 | 0.3582 | 0 | 0 | 0 |
| 90.4 | 0.3605 | 0.013 | 0 | 0.013 |
| 90.4333 | 0.3589 | 0 | 0 | 0 |
| 90.4667 | 0.3622 | 0 | 0.0013 | 0.0013 |
| 90.5 | 0.3618 | 0 | 0 | 0 |
| 90.5333 | 0.3566 | 0 | 0.0013 | 0.0013 |
| 90.5667 | 0.3599 | 0.013 | 0.0026 | 0.0156 |
| 90.6 | 0.3566 | 0.013 | 0 | 0.013 |
| 90.6333 | 0.3602 | 0.013 | 0.0013 | 0.0143 |
| 90.6667 | 0.3602 | 0 | 0.0026 | 0.0026 |
| 90.7 | 0.3595 | 0 | 0 | 0 |
| 90.7333 | 0.3615 | 0 | 0 | 0 |
| 90.7667 | 0.3582 | 0 | 0.0013 | 0.0013 |
| 90.8 | 0.3589 | 0 | 0 | 0 |
| 90.8333 | 0.3602 | 0.013 | 0 | 0.013 |
| 90.8667 | 0.3586 | 0.013 | 0.0013 | 0.0143 |
| 90.9 | 0.3618 | 0 | 0.0013 | 0.0013 |
| 90.9333 | 0.3599 | 0.013 | 0 | 0.013 |
| 90.9667 | 0.3586 | 0.013 | 0.0013 | 0.0143 |
| 91 | 0.3599 | 0 | 0.0026 | 0.0026 |
| 91.0333 | 0.3595 | 0.013 | 0.0013 | 0.0143 |
| 91.0667 | 0.3615 | 0.013 | 0 | 0.013 |
| 91.1 | 0.3592 | 0.013 | 0 | 0.013 |
| 91.1333 | 0.3615 | 0 | 0.0026 | 0.0026 |
| 91.1667 | 0.3605 | 0.013 | 0.0013 | 0.0143 |
| 91.2 | 0.3632 | 0.013 | 0 | 0.013 |
| 91.2333 | 0.3609 | 0.013 | 0 | 0.013 |
| 91.2667 | 0.3605 | 0.013 | 0 | 0.013 |
| 91.3 | 0.3605 | 0 | 0 | 0 |
| 91.3333 | 0.3599 | 0 | 0.0013 | 0.0013 |
| 91.3667 | 0.3592 | 0.013 | 0 | 0.013 |
| 91.4 | 0.3595 | 0.013 | 0 | 0.013 |
| 91.4333 | 0.3602 | 0.0262 | 0.0026 | 0.0288 |
| 91.4667 | 0.3622 | 0 | 0.0013 | 0.0013 |
| 91.5 | 0.3625 | 0.0262 | 0.0013 | 0.0275 |
| 91.5333 | 0.3615 | 0 | 0.0013 | 0.0013 |
| 91.5667 | 0.3599 | 0.013 | 0.0013 | 0.0143 |
| 91.6 | 0.3582 | 0.013 | 0.0013 | 0.0143 |
| 91.6333 | 0.3609 | 0 | 0.0039 | 0.0039 |
| 91.6667 | 0.3615 | 0 | 0.0013 | 0.0013 |
| 91.7 | 0.3579 | 0.013 | 0.0013 | 0.0143 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 91.7333 | 0.3582 | 0 | 0.0013 | 0.0013 |
| 91.7667 | 0.3595 | 0 | 0 | 0 |
| 91.8 | 0.3595 | 0.013 | 0.0039 | 0.0169 |
| 91.8333 | 0.3602 | 0.013 | 0 | 0.013 |
| 91.8667 | 0.3605 | 0 | 0.0013 | 0.0013 |
| 91.9 | 0.3592 | 0.013 | 0 | 0.013 |
| 91.9333 | 0.3622 | 0 | 0 | 0 |
| 91.9667 | 0.3569 | 0 | 0.0013 | 0.0013 |
| 92 | 0.3569 | 0 | 0.0013 | 0.0013 |
| 92.0333 | 0.3609 | 0 | 0 | 0 |
| 92.0667 | 0.3576 | 0 | 0 | 0 |
| 92.1 | 0.3589 | 0 | 0.0026 | 0.0026 |
| 92.1333 | 0.3599 | 0.013 | 0.0013 | 0.0143 |
| 92.1667 | 0.3579 | 0.013 | 0 | 0.013 |
| 92.2 | 0.3562 | 0.013 | 0.0013 | 0.0143 |
| 92.2333 | 0.3579 | 0 | 0 | 0 |
| 92.2667 | 0.3605 | 0 | 0.0013 | 0.0013 |
| 92.3 | 0.3582 | 0 | 0.0026 | 0.0026 |
| 92.3333 | 0.3579 | 0 | 0 | 0 |
| 92.3667 | 0.3579 | 0 | 0 | 0 |
| 92.4 | 0.3595 | 0.013 | 0.0013 | 0.0143 |
| 92.4333 | 0.3589 | 0 | 0.0026 | 0.0026 |
| 92.4667 | 0.3586 | 0 | 0 | 0 |
| 92.5 | 0.3602 | 0.013 | 0 | 0.013 |
| 92.5333 | 0.3592 | 0 | 0.0013 | 0.0013 |
| 92.5667 | 0.3592 | 0 | 0.0013 | 0.0013 |
| 92.6 | 0.3602 | 0 | 0 | 0 |
| 92.6333 | 0.3589 | 0.0262 | 0 | 0.0262 |
| 92.6667 | 0.3566 | 0 | 0.0026 | 0.0026 |
| 92.7 | 0.3592 | 0 | 0 | 0 |
| 92.7333 | 0.3615 | 0 | 0.0013 | 0.0013 |
| 92.7667 | 0.3605 | 0.013 | 0 | 0.013 |
| 92.8 | 0.3632 | 0.0262 | 0 | 0.0262 |
| 92.8333 | 0.3635 | 0.013 | 0.0013 | 0.0143 |
| 92.8667 | 0.3622 | 0.013 | 0 | 0.013 |
| 92.9 | 0.3609 | 0 | 0 | 0 |
| 92.9333 | 0.3618 | 0.013 | 0 | 0.013 |
| 92.9667 | 0.3595 | 0 | 0.0013 | 0.0013 |
| 93 | 0.3612 | 0.013 | 0 | 0.013 |
| 93.0333 | 0.3612 | 0.013 | 0 | 0.013 |
| 93.0667 | 0.3602 | 0 | 0.0013 | 0.0013 |
| 93.1 | 0.3609 | 0 | 0 | 0 |
| 93.1333 | 0.3609 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 93.1667 | 0.3609 | 0.0262 | 0.0013 | 0.0275 |
| 93.2 | 0.3632 | 0.013 | 0.0026 | 0.0156 |
| 93.2333 | 0.3602 | 0.013 | 0.0013 | 0.0143 |
| 93.2667 | 0.3599 | 0 | 0 | 0 |
| 93.3 | 0.3602 | 0.013 | 0.0013 | 0.0143 |
| 93.3333 | 0.3609 | 0.0262 | 0 | 0.0262 |
| 93.3667 | 0.3592 | 0.013 | 0 | 0.013 |
| 93.4 | 0.3612 | 0.013 | 0.0013 | 0.0143 |
| 93.4333 | 0.3582 | 0 | 0 | 0 |
| 93.4667 | 0.3622 | 0 | 0.0013 | 0.0013 |
| 93.5 | 0.3595 | 0 | 0 | 0 |
| 93.5333 | 0.3632 | 0 | 0.0013 | 0.0013 |
| 93.5667 | 0.3615 | 0.013 | 0.0013 | 0.0143 |
| 93.6 | 0.3599 | 0 | 0.0013 | 0.0013 |
| 93.6333 | 0.3595 | 0.013 | 0 | 0.013 |
| 93.6667 | 0.3605 | 0 | 0.0013 | 0.0013 |
| 93.7 | 0.3586 | 0.013 | 0 | 0.013 |
| 93.7333 | 0.3582 | 0.013 | 0 | 0.013 |
| 93.7667 | 0.3589 | 0 | 0.0013 | 0.0013 |
| 93.8 | 0.3595 | 0.013 | 0.0013 | 0.0143 |
| 93.8333 | 0.3586 | 0 | 0.0013 | 0.0013 |
| 93.8667 | 0.3618 | 0.013 | 0 | 0.013 |
| 93.9 | 0.3609 | 0 | 0.0013 | 0.0013 |
| 93.9333 | 0.3579 | 0 | 0.0026 | 0.0026 |
| 93.9667 | 0.3618 | 0.013 | 0.0026 | 0.0156 |
| 94 | 0.3599 | 0 | 0 | 0 |
| 94.0333 | 0.3618 | 0 | 0.0013 | 0.0013 |
| 94.0667 | 0.3615 | 0 | 0 | 0 |
| 94.1 | 0.3599 | 0 | 0.0026 | 0.0026 |
| 94.1333 | 0.3602 | 0 | 0.0013 | 0.0013 |
| 94.1667 | 0.3615 | 0.013 | 0.0013 | 0.0143 |
| 94.2 | 0.3625 | 0.013 | 0 | 0.013 |
| 94.2333 | 0.3628 | 0 | 0 | 0 |
| 94.2667 | 0.3635 | 0.013 | 0.0013 | 0.0143 |
| 94.3 | 0.3589 | 0.013 | 0.0013 | 0.0143 |
| 94.3333 | 0.3625 | 0 | 0.0013 | 0.0013 |
| 94.3667 | 0.3602 | 0 | 0 | 0 |
| 94.4 | 0.3632 | 0 | 0.0013 | 0.0013 |
| 94.4333 | 0.3625 | 0.013 | 0.0013 | 0.0143 |
| 94.4667 | 0.3582 | 0 | 0 | 0 |
| 94.5 | 0.3592 | 0 | 0.0013 | 0.0013 |
| 94.5333 | 0.3599 | 0 | 0.0013 | 0.0013 |
| 94.5667 | 0.3609 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 94.6 | 0.3625 | 0.013 | 0.0013 | 0.0143 |
| 94.6333 | 0.3609 | 0.013 | 0.0013 | 0.0143 |
| 94.6667 | 0.3612 | 0.013 | 0 | 0.013 |
| 94.7 | 0.3592 | 0.013 | 0 | 0.013 |
| 94.7333 | 0.3602 | 0 | 0.0013 | 0.0013 |
| 94.7667 | 0.3586 | 0.013 | 0 | 0.013 |
| 94.8 | 0.3592 | 0.013 | 0 | 0.013 |
| 94.8333 | 0.3632 | 0 | 0 | 0 |
| 94.8667 | 0.3628 | 0.013 | 0.0013 | 0.0143 |
| 94.9 | 0.3612 | 0.013 | 0.0013 | 0.0143 |
| 94.9333 | 0.3632 | 0.013 | 0.0026 | 0.0156 |
| 94.9667 | 0.3618 | 0.013 | 0 | 0.013 |
| 95 | 0.3658 | 0.0393 | 0 | 0.0393 |
| 95.0333 | 0.3622 | 0 | 0 | 0 |
| 95.0667 | 0.3638 | 0.013 | 0.0013 | 0.0143 |
| 95.1 | 0.3632 | 0.0262 | 0 | 0.0262 |
| 95.1333 | 0.3605 | 0 | 0 | 0 |
| 95.1667 | 0.3641 | 0 | 0.0013 | 0.0013 |
| 95.2 | 0.3622 | 0.013 | 0.0013 | 0.0143 |
| 95.2333 | 0.3618 | 0 | 0.0013 | 0.0013 |
| 95.2667 | 0.3618 | 0.013 | 0 | 0.013 |
| 95.3 | 0.3625 | 0 | 0 | 0 |
| 95.3333 | 0.3579 | 0.013 | 0.0013 | 0.0143 |
| 95.3667 | 0.3602 | 0.0262 | 0 | 0.0262 |
| 95.4 | 0.3628 | 0.013 | 0.0013 | 0.0143 |
| 95.4333 | 0.3599 | 0 | 0.0013 | 0.0013 |
| 95.4667 | 0.3635 | 0 | 0.0013 | 0.0013 |
| 95.5 | 0.3612 | 0 | 0.0013 | 0.0013 |
| 95.5333 | 0.3612 | 0 | 0 | 0 |
| 95.5667 | 0.3618 | 0 | 0.0013 | 0.0013 |
| 95.6 | 0.3618 | 0.013 | 0 | 0.013 |
| 95.6333 | 0.3599 | 0.013 | 0.0026 | 0.0156 |
| 95.6667 | 0.3615 | 0.013 | 0 | 0.013 |
| 95.7 | 0.3609 | 0.013 | 0 | 0.013 |
| 95.7333 | 0.3602 | 0 | 0.0013 | 0.0013 |
| 95.7667 | 0.3625 | 0.013 | 0.0026 | 0.0156 |
| 95.8 | 0.3618 | 0.0262 | 0.0026 | 0.0288 |
| 95.8333 | 0.3628 | 0 | 0.0013 | 0.0013 |
| 95.8667 | 0.3609 | 0 | 0.0013 | 0.0013 |
| 95.9 | 0.3609 | 0.013 | 0 | 0.013 |
| 95.9333 | 0.3632 | 0 | 0.0013 | 0.0013 |
| 95.9667 | 0.3622 | 0.013 | 0.0013 | 0.0143 |
| 96 | 0.3641 | 0.0262 | 0.0013 | 0.0275 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 96.0333 | 0.3595 | 0.0262 | 0 | 0.0262 |
| 96.0667 | 0.3602 | 0 | 0 | 0 |
| 96.1 | 0.3612 | 0.013 | 0.0013 | 0.0143 |
| 96.1333 | 0.3582 | 0 | 0.0026 | 0.0026 |
| 96.1667 | 0.3628 | 0.0262 | 0 | 0.0262 |
| 96.2 | 0.3628 | 0.0262 | 0.0013 | 0.0275 |
| 96.2333 | 0.3638 | 0 | 0.0013 | 0.0013 |
| 96.2667 | 0.3615 | 0.013 | 0.0013 | 0.0143 |
| 96.3 | 0.3632 | 0.013 | 0.0013 | 0.0143 |
| 96.3333 | 0.3618 | 0.013 | 0 | 0.013 |
| 96.3667 | 0.3612 | 0.0262 | 0.0013 | 0.0275 |
| 96.4 | 0.3641 | 0.013 | 0.0013 | 0.0143 |
| 96.4333 | 0.3612 | 0 | 0.0013 | 0.0013 |
| 96.4667 | 0.3628 | 0 | 0 | 0 |
| 96.5 | 0.3638 | 0.0262 | 0 | 0.0262 |
| 96.5333 | 0.3625 | 0.013 | 0 | 0.013 |
| 96.5667 | 0.3605 | 0.013 | 0 | 0.013 |
| 96.6 | 0.3625 | 0.0262 | 0 | 0.0262 |
| 96.6333 | 0.3641 | 0 | 0.0013 | 0.0013 |
| 96.6667 | 0.3632 | 0.013 | 0.0013 | 0.0143 |
| 96.7 | 0.3615 | 0 | 0.0013 | 0.0013 |
| 96.7333 | 0.3615 | 0.013 | 0 | 0.013 |
| 96.7667 | 0.3602 | 0.013 | 0 | 0.013 |
| 96.8 | 0.3609 | 0.013 | 0 | 0.013 |
| 96.8333 | 0.3605 | 0.013 | 0.0026 | 0.0156 |
| 96.8667 | 0.3632 | 0.013 | 0.0013 | 0.0143 |
| 96.9 | 0.3618 | 0.013 | 0.0013 | 0.0143 |
| 96.9333 | 0.3618 | 0 | 0.0013 | 0.0013 |
| 96.9667 | 0.3609 | 0.013 | 0 | 0.013 |
| 97 | 0.3615 | 0.013 | 0 | 0.013 |
| 97.0333 | 0.3615 | 0 | 0.0039 | 0.0039 |
| 97.0667 | 0.3615 | 0.0262 | 0.0026 | 0.0288 |
| 97.1 | 0.3602 | 0 | 0 | 0 |
| 97.1333 | 0.3625 | 0.013 | 0 | 0.013 |
| 97.1667 | 0.3635 | 0 | 0 | 0 |
| 97.2 | 0.3622 | 0.013 | 0.0026 | 0.0156 |
| 97.2333 | 0.3622 | 0.0262 | 0 | 0.0262 |
| 97.2667 | 0.3602 | 0.013 | 0.0013 | 0.0143 |
| 97.3 | 0.3595 | 0.013 | 0.0013 | 0.0143 |
| 97.3333 | 0.3641 | 0.013 | 0 | 0.013 |
| 97.3667 | 0.3638 | 0.013 | 0.0013 | 0.0143 |
| 97.4 | 0.3612 | 0 | 0.0013 | 0.0013 |
| 97.4333 | 0.3658 | 0 | 0 | 0 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 97.4667 | 0.3622 | 0.013 | 0 | 0.013 |
| 97.5 | 0.3602 | 0.0262 | 0 | 0.0262 |
| 97.5333 | 0.3628 | 0.013 | 0.0026 | 0.0156 |
| 97.5667 | 0.3632 | 0 | 0 | 0 |
| 97.6 | 0.3615 | 0.0262 | 0 | 0.0262 |
| 97.6333 | 0.3595 | 0.013 | 0.0013 | 0.0143 |
| 97.6667 | 0.3628 | 0 | 0 | 0 |
| 97.7 | 0.3625 | 0.013 | 0.0026 | 0.0156 |
| 97.7333 | 0.3635 | 0 | 0 | 0 |
| 97.7667 | 0.3595 | 0.013 | 0.0013 | 0.0143 |
| 97.8 | 0.3635 | 0 | 0 | 0 |
| 97.8333 | 0.3628 | 0 | 0 | 0 |
| 97.8667 | 0.3641 | 0.013 | 0 | 0.013 |
| 97.9 | 0.3605 | 0 | 0 | 0 |
| 97.9333 | 0.3615 | 0 | 0 | 0 |
| 97.9667 | 0.3602 | 0 | 0 | 0 |
| 98 | 0.3628 | 0 | 0.0013 | 0.0013 |
| 98.0333 | 0.3615 | 0 | 0.0013 | 0.0013 |
| 98.0667 | 0.3618 | 0 | 0 | 0 |
| 98.1 | 0.3605 | 0 | 0 | 0 |
| 98.1333 | 0.3586 | 0 | 0 | 0 |
| 98.1667 | 0.3599 | 0.0262 | 0.0013 | 0.0275 |
| 98.2 | 0.3615 | 0 | 0 | 0 |
| 98.2333 | 0.3609 | 0.013 | 0.0013 | 0.0143 |
| 98.2667 | 0.3609 | 0.013 | 0 | 0.013 |
| 98.3 | 0.3625 | 0.013 | 0.0013 | 0.0143 |
| 98.3333 | 0.3595 | 0 | 0 | 0 |
| 98.3667 | 0.3635 | 0.013 | 0.0013 | 0.0143 |
| 98.4 | 0.3622 | 0.013 | 0 | 0.013 |
| 98.4333 | 0.3641 | 0.013 | 0.0013 | 0.0143 |
| 98.4667 | 0.3618 | 0.013 | 0 | 0.013 |
| 98.5 | 0.3648 | 0 | 0.0026 | 0.0026 |
| 98.5333 | 0.3609 | 0 | 0.0013 | 0.0013 |
| 98.5667 | 0.3595 | 0 | 0 | 0 |
| 98.6 | 0.3625 | 0 | 0.0013 | 0.0013 |
| 98.6333 | 0.3625 | 0 | 0 | 0 |
| 98.6667 | 0.3592 | 0.013 | 0 | 0.013 |
| 98.7 | 0.3632 | 0 | 0.0013 | 0.0013 |
| 98.7333 | 0.3635 | 0 | 0.0013 | 0.0013 |
| 98.7667 | 0.3609 | 0.013 | 0.0013 | 0.0143 |
| 98.8 | 0.3602 | 0.013 | 0.0013 | 0.0143 |
| 98.8333 | 0.3622 | 0 | 0 | 0 |
| 98.8667 | 0.3589 | 0.013 | 0 | 0.013 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 98.9 | 0.3628 | 0.013 | 0.0013 | 0.0143 |
| 98.9333 | 0.3622 | 0 | 0.0026 | 0.0026 |
| 98.9667 | 0.3641 | 0.0262 | 0.0013 | 0.0275 |
| 99 | 0.3622 | 0.013 | 0.0013 | 0.0143 |
| 99.0333 | 0.3632 | 0 | 0.0013 | 0.0013 |
| 99.0667 | 0.3609 | 0 | 0 | 0 |
| 99.1 | 0.3599 | 0 | 0 | 0 |
| 99.1333 | 0.3612 | 0.013 | 0.0013 | 0.0143 |
| 99.1667 | 0.3586 | 0.013 | 0 | 0.013 |
| 99.2 | 0.3615 | 0 | 0.0013 | 0.0013 |
| 99.2333 | 0.3592 | 0.0262 | 0.0013 | 0.0275 |
| 99.2667 | 0.3609 | 0 | 0 | 0 |
| 99.3 | 0.3625 | 0.0262 | 0 | 0.0262 |
| 99.3333 | 0.3602 | 0 | 0 | 0 |
| 99.3667 | 0.3618 | 0 | 0 | 0 |
| 99.4 | 0.3599 | 0 | 0 | 0 |
| 99.4333 | 0.3592 | 0.013 | 0.0013 | 0.0143 |
| 99.4667 | 0.3592 | 0.013 | 0.0013 | 0.0143 |
| 99.5 | 0.3648 | 0 | 0.0013 | 0.0013 |
| 99.5333 | 0.3661 | 0.0262 | 0.0013 | 0.0275 |
| 99.5667 | 0.3658 | 0 | 0.0013 | 0.0013 |
| 99.6 | 0.3648 | 0.013 | 0.0013 | 0.0143 |
| 99.6333 | 0.3684 | 0 | 0 | 0 |
| 99.6667 | 0.3688 | 0 | 0.0013 | 0.0013 |
| 99.7 | 0.3684 | 0.013 | 0.0026 | 0.0156 |
| 99.7333 | 0.3707 | 0.0262 | 0.0026 | 0.0288 |
| 99.7667 | 0.3707 | 0.013 | 0 | 0.013 |
| 99.8 | 0.373 | 0.013 | 0.0013 | 0.0143 |
| 99.8333 | 0.375 | 0.0262 | 0.0013 | 0.0275 |
| 99.8667 | 0.374 | 0 | 0.0026 | 0.0026 |
| 99.9 | 0.3711 | 0 | 0 | 0 |
| 99.9333 | 0.3747 | 0 | 0 | 0 |
| 99.9667 | 0.3767 | 0.013 | 0 | 0.013 |
| 100 | 0.377 | 0 | 0.0013 | 0.0013 |
| 100.0333 | 0.3773 | 0.013 | 0.0013 | 0.0143 |
| 100.0667 | 0.3763 | 0 | 0 | 0 |
| 100.1 | 0.3799 | 0.013 | 0 | 0.013 |
| 100.1333 | 0.3776 | 0.013 | 0.0013 | 0.0143 |
| 100.1667 | 0.379 | 0 | 0 | 0 |
| 100.2 | 0.3813 | 0.013 | 0.0013 | 0.0143 |
| 100.2333 | 0.3816 | 0 | 0 | 0 |
| 100.2667 | 0.3819 | 0 | 0 | 0 |
| 100.3 | 0.3842 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 100.3333 | 0.3836 | 0 | 0 | 0 |
| 100.3667 | 0.3839 | 0 | 0 | 0 |
| 100.4 | 0.3862 | 0.013 | 0.0013 | 0.0143 |
| 100.4333 | 0.3855 | 0 | 0 | 0 |
| 100.4667 | 0.3898 | 0.013 | 0.0013 | 0.0143 |
| 100.5 | 0.3888 | 0 | 0.0026 | 0.0026 |
| 100.5333 | 0.3921 | 0.013 | 0.0013 | 0.0143 |
| 100.5667 | 0.3944 | 0 | 0 | 0 |
| 100.6 | 0.3987 | 0.013 | 0.0013 | 0.0143 |
| 100.6333 | 0.401 | 0 | 0 | 0 |
| 100.6667 | 0.4076 | 0 | 0.0013 | 0.0013 |
| 100.7 | 0.4158 | 0.013 | 0 | 0.013 |
| 100.7333 | 0.4155 | 0 | 0.0013 | 0.0013 |
| 100.7667 | 0.4237 | 0.013 | 0.0013 | 0.0143 |
| 100.8 | 0.4257 | 0.013 | 0 | 0.013 |
| 100.8333 | 0.4329 | 0 | 0 | 0 |
| 100.8667 | 0.4362 | 0.013 | 0.0013 | 0.0143 |
| 100.9 | 0.4398 | 0.013 | 0.0013 | 0.0143 |
| 100.9333 | 0.4445 | 0 | 0.0013 | 0.0013 |
| 100.9667 | 0.4514 | 0.013 | 0.0013 | 0.0143 |
| 101 | 0.4547 | 0.013 | 0.0013 | 0.0143 |
| 101.0333 | 0.456 | 0 | 0.0013 | 0.0013 |
| 101.0667 | 0.4616 | 0 | 0.0026 | 0.0026 |
| 101.1 | 0.4632 | 0 | 0 | 0 |
| 101.1333 | 0.4695 | 0.013 | 0.0013 | 0.0143 |
| 101.1667 | 0.4724 | 0 | 0 | 0 |
| 101.2 | 0.4774 | 0 | 0 | 0 |
| 101.2333 | 0.4803 | 0.013 | 0.0013 | 0.0143 |
| 101.2667 | 0.4826 | 0.013 | 0.0013 | 0.0143 |
| 101.3 | 0.4895 | 0.013 | 0 | 0.013 |
| 101.3333 | 0.4889 | 0.013 | 0 | 0.013 |
| 101.3667 | 0.4951 | 0.0262 | 0.0026 | 0.0288 |
| 101.4 | 0.4951 | 0.013 | 0.0013 | 0.0143 |
| 101.4333 | 0.4988 | 0.0262 | 0 | 0.0262 |
| 101.4667 | 0.5044 | 0 | 0.0013 | 0.0013 |
| 101.5 | 0.506 | 0 | 0.0013 | 0.0013 |
| 101.5333 | 0.5106 | 0.013 | 0.0039 | 0.0169 |
| 101.5667 | 0.5123 | 0 | 0 | 0 |
| 101.6 | 0.5126 | 0.013 | 0 | 0.013 |
| 101.6333 | 0.5162 | 0.0262 | 0.0026 | 0.0288 |
| 101.6667 | 0.5228 | 0.013 | 0.0013 | 0.0143 |
| 101.7 | 0.5241 | 0 | 0 | 0 |
| 101.7333 | 0.5271 | 0.013 | 0.0013 | 0.0143 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 101.7667 | 0.5274 | 0.013 | 0 | 0.013 |
| 101.8 | 0.5317 | 0.013 | 0 | 0.013 |
| 101.8333 | 0.5327 | 0.0393 | 0 | 0.0393 |
| 101.8667 | 0.5337 | 0 | 0 | 0 |
| 101.9 | 0.5379 | 0.013 | 0.0013 | 0.0143 |
| 101.9333 | 0.5406 | 0.0262 | 0.0013 | 0.0275 |
| 101.9667 | 0.5412 | 0 | 0.0026 | 0.0026 |
| 102 | 0.5448 | 0.013 | 0 | 0.013 |
| 102.0333 | 0.5468 | 0.013 | 0.0013 | 0.0143 |
| 102.0667 | 0.5488 | 0.0262 | 0.0013 | 0.0275 |
| 102.1 | 0.5488 | 0.013 | 0 | 0.013 |
| 102.1333 | 0.5514 | 0 | 0.0013 | 0.0013 |
| 102.1667 | 0.555 | 0.013 | 0.0013 | 0.0143 |
| 102.2 | 0.5564 | 0.013 | 0.0039 | 0.0169 |
| 102.2333 | 0.5606 | 0.013 | 0.0013 | 0.0143 |
| 102.2667 | 0.5603 | 0 | 0.0013 | 0.0013 |
| 102.3 | 0.5597 | 0 | 0 | 0 |
| 102.3333 | 0.5613 | 0 | 0 | 0 |
| 102.3667 | 0.5666 | 0.013 | 0 | 0.013 |
| 102.4 | 0.5646 | 0.0262 | 0.0026 | 0.0288 |
| 102.4333 | 0.5699 | 0 | 0 | 0 |
| 102.4667 | 0.5705 | 0 | 0 | 0 |
| 102.5 | 0.5715 | 0 | 0.0026 | 0.0026 |
| 102.5333 | 0.5755 | 0.013 | 0.0013 | 0.0143 |
| 102.5667 | 0.5735 | 0.0262 | 0 | 0.0262 |
| 102.6 | 0.5735 | 0.013 | 0 | 0.013 |
| 102.6333 | 0.5787 | 0.0262 | 0 | 0.0262 |
| 102.6667 | 0.5784 | 0 | 0.0013 | 0.0013 |
| 102.7 | 0.5774 | 0 | 0.0013 | 0.0013 |
| 102.7333 | 0.581 | 0.013 | 0.0013 | 0.0143 |
| 102.7667 | 0.5814 | 0.013 | 0.0013 | 0.0143 |
| 102.8 | 0.5847 | 0.0262 | 0.0026 | 0.0288 |
| 102.8333 | 0.585 | 0.013 | 0 | 0.013 |
| 102.8667 | 0.5883 | 0.013 | 0.0026 | 0.0156 |
| 102.9 | 0.588 | 0.013 | 0 | 0.013 |
| 102.9333 | 0.5899 | 0 | 0.0013 | 0.0013 |
| 102.9667 | 0.5889 | 0 | 0.0013 | 0.0013 |
| 103 | 0.5922 | 0.013 | 0.0013 | 0.0143 |
| 103.0333 | 0.5916 | 0 | 0 | 0 |
| 103.0667 | 0.5926 | 0 | 0 | 0 |
| 103.1 | 0.5949 | 0.0262 | 0.0013 | 0.0275 |
| 103.1333 | 0.5929 | 0 | 0 | 0 |
| 103.1667 | 0.5952 | 0 | 0.0013 | 0.0013 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 103.2 | 0.5995 | 0.013 | 0.0013 | 0.0143 |
| 103.2333 | 0.5978 | 0 | 0.0013 | 0.0013 |
| 103.2667 | 0.6005 | 0.013 | 0.0013 | 0.0143 |
| 103.3 | 0.5972 | 0 | 0.0013 | 0.0013 |
| 103.3333 | 0.5988 | 0 | 0 | 0 |
| 103.3667 | 0.5995 | 0 | 0 | 0 |
| 103.4 | 0.6038 | 0.013 | 0 | 0.013 |
| 103.4333 | 0.6024 | 0.0262 | 0.0013 | 0.0275 |
| 103.4667 | 0.6044 | 0 | 0.8165 | 0.8165 |
| 103.5 | 0.6057 | 0.0262 | 0.8152 | 0.8414 |
| 103.5333 | 0.6064 | 0 | 0.8179 | 0.8179 |
| 103.5667 | 0.6054 | 0 | 0.8165 | 0.8165 |
| 103.6 | 0.6077 | 0 | 0.8231 | 0.8231 |
| 103.6333 | 0.6077 | 0.013 | 0.8258 | 0.8388 |
| 103.6667 | 0.6074 | 0.013 | 0.8271 | 0.8401 |
| 103.7 | 0.6107 | 0.013 | 0.8271 | 0.8401 |
| 103.7333 | 0.6117 | 0.013 | 0.8336 | 0.8467 |
| 103.7667 | 0.6146 | 0 | 0.8389 | 0.8389 |
| 103.8 | 0.6133 | 0 | 0.835 | 0.835 |
| 103.8333 | 0.6143 | 0 | 0.8402 | 0.8402 |
| 103.8667 | 0.613 | 0.013 | 0.8428 | 0.8559 |
| 103.9 | 0.6143 | 0 | 0.8428 | 0.8428 |
| 103.9333 | 0.6149 | 0.0262 | 0.8494 | 0.8756 |
| 103.9667 | 0.6156 | 0.013 | 0.8468 | 0.8598 |
| 104 | 0.6133 | 0.013 | 0.8468 | 0.8598 |
| 104.0333 | 0.6166 | 0.013 | 0.8481 | 0.8612 |
| 104.0667 | 0.6166 | 0 | 0.8534 | 0.8534 |
| 104.1 | 0.6153 | 0.0262 | 0.8547 | 0.8809 |
| 104.1333 | 0.6153 | 0.013 | 0.8573 | 0.8704 |
| 104.1667 | 0.6163 | 0 | 0.8586 | 0.8586 |
| 104.2 | 0.6163 | 0 | 0.8652 | 0.8652 |
| 104.2333 | 0.6205 | 0 | 0.8613 | 0.8613 |
| 104.2667 | 0.6176 | 0.013 | 0.8613 | 0.8743 |
| 104.3 | 0.6179 | 0.0262 | 0.8639 | 0.8901 |
| 104.3333 | 0.6169 | 0 | 0.8652 | 0.8652 |
| 104.3667 | 0.6196 | 0.013 | 0.8665 | 0.8796 |
| 104.4 | 0.6205 | 0 | 0.8691 | 0.8691 |
| 104.4333 | 0.6212 | 0 | 0.8718 | 0.8718 |
| 104.4667 | 0.6202 | 0 | 0.8691 | 0.8691 |
| 104.5 | 0.6192 | 0.0262 | 0.8757 | 0.9019 |
| 104.5333 | 0.6205 | 0.013 | 0.8757 | 0.8888 |
| 104.5667 | 0.6225 | 0.013 | 0.8784 | 0.8914 |
| 104.6 | 0.6228 | 0.013 | 0.8784 | 0.8914 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 104.6333 | 0.6232 | 0 | 0.8823 | 0.8823 |
| 104.6667 | 0.6278 | 0.013 | 0.8797 | 0.8927 |
| 104.7 | 0.6261 | 0.013 | 0.8797 | 0.8927 |
| 104.7333 | 0.6251 | 0 | 0.881 | 0.881 |
| 104.7667 | 0.6298 | 0 | 0.8823 | 0.8823 |
| 104.8 | 0.6304 | 0 | 0.8823 | 0.8823 |
| 104.8333 | 0.6317 | 0.0262 | 0.8889 | 0.9151 |
| 104.8667 | 0.6298 | 0 | 0.8915 | 0.8915 |
| 104.9 | 0.6301 | 0.013 | 0.8928 | 0.9059 |
| 104.9333 | 0.6321 | 0 | 0.8954 | 0.8954 |
| 104.9667 | 0.634 | 0.013 | 0.8954 | 0.9085 |
| 105 | 0.634 | 0.013 | 0.8981 | 0.9111 |
| 105.0333 | 0.6373 | 0.0262 | 0.8954 | 0.9216 |
| 105.0667 | 0.639 | 0 | 0.9007 | 0.9007 |
| 105.1 | 0.6386 | 0.0262 | 0.9033 | 0.9295 |
| 105.1333 | 0.639 | 0 | 0.9033 | 0.9033 |
| 105.1667 | 0.6423 | 0 | 0.9033 | 0.9033 |
| 105.2 | 0.64 | 0.0262 | 0.9099 | 0.9361 |
| 105.2333 | 0.6449 | 0.013 | 0.9139 | 0.9269 |
| 105.2667 | 0.6429 | 0 | 0.9139 | 0.9139 |
| 105.3 | 0.6442 | 0 | 0.9112 | 0.9112 |
| 105.3333 | 0.6429 | 0.013 | 0.9165 | 0.9295 |
| 105.3667 | 0.6472 | 0.0262 | 0.9152 | 0.9414 |
| 105.4 | 0.6462 | 0 | 0.9125 | 0.9125 |
| 105.4333 | 0.6446 | 0 | 0.9139 | 0.9139 |
| 105.4667 | 0.6495 | 0 | 0.9112 | 0.9112 |
| 105.5 | 0.6488 | 0.0262 | 0.9152 | 0.9414 |
| 105.5333 | 0.6525 | 0 | 0.9191 | 0.9191 |
| 105.5667 | 0.6508 | 0.013 | 0.9217 | 0.9348 |
| 105.6 | 0.6495 | 0 | 0.9191 | 0.9191 |
| 105.6333 | 0.6518 | 0.013 | 0.9244 | 0.9374 |
| 105.6667 | 0.6528 | 0.0262 | 0.9231 | 0.9493 |
| 105.7 | 0.6551 | 0 | 0.9231 | 0.9231 |
| 105.7333 | 0.6567 | 0.013 | 0.9283 | 0.9414 |
| 105.7667 | 0.6574 | 0.013 | 0.9231 | 0.9361 |
| 105.8 | 0.6584 | 0.013 | 0.927 | 0.9401 |
| 105.8333 | 0.6597 | 0.013 | 0.9296 | 0.9427 |
| 105.8667 | 0.6594 | 0.013 | 0.9296 | 0.9427 |
| 105.9 | 0.6591 | 0 | 0.931 | 0.931 |
| 105.9333 | 0.6607 | 0.0262 | 0.9349 | 0.9611 |
| 105.9667 | 0.6614 | 0 | 0.9362 | 0.9362 |
| 106 | 0.6617 | 0.0262 | 0.931 | 0.9571 |
| 106.0333 | 0.6633 | 0.013 | 0.9336 | 0.9466 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 106.0667 | 0.6623 | 0 | 0.931 | 0.931 |
| 106.1 | 0.6656 | 0 | 0.9375 | 0.9375 |
| 106.1333 | 0.665 | 0 | 0.9362 | 0.9362 |
| 106.1667 | 0.6633 | 0.013 | 0.9415 | 0.9545 |
| 106.2 | 0.6673 | 0 | 0.9415 | 0.9415 |
| 106.2333 | 0.6656 | 0 | 0.9402 | 0.9402 |
| 106.2667 | 0.6676 | 0.0262 | 0.9428 | 0.969 |
| 106.3 | 0.6722 | 0.013 | 0.9428 | 0.9558 |
| 106.3333 | 0.6689 | 0.013 | 0.9454 | 0.9585 |
| 106.3667 | 0.6696 | 0.013 | 0.9415 | 0.9545 |
| 106.4 | 0.6725 | 0 | 0.9402 | 0.9402 |
| 106.4333 | 0.6735 | 0.0262 | 0.9441 | 0.9703 |
| 106.4667 | 0.6719 | 0.013 | 0.9467 | 0.9598 |
| 106.5 | 0.6719 | 0.0262 | 0.948 | 0.9742 |
| 106.5333 | 0.6739 | 0 | 0.9494 | 0.9494 |
| 106.5667 | 0.6758 | 0.0262 | 0.952 | 0.9782 |
| 106.6 | 0.6709 | 0.013 | 0.952 | 0.965 |
| 106.6333 | 0.6778 | 0.013 | 0.9586 | 0.9716 |
| 106.6667 | 0.6758 | 0.013 | 0.9586 | 0.9716 |
| 106.7 | 0.6798 | 0 | 0.9559 | 0.9559 |
| 106.7333 | 0.6781 | 0 | 0.9638 | 0.9638 |
| 106.7667 | 0.6775 | 0 | 0.9559 | 0.9559 |
| 106.8 | 0.6788 | 0.013 | 0.9612 | 0.9742 |
| 106.8333 | 0.6788 | 0 | 0.9638 | 0.9638 |
| 106.8667 | 0.6795 | 0.013 | 0.9638 | 0.9769 |
| 106.9 | 0.6814 | 0 | 0.9651 | 0.9651 |
| 106.9333 | 0.6818 | 0.013 | 0.9651 | 0.9782 |
| 106.9667 | 0.6811 | 0.0262 | 0.973 | 0.9992 |
| 107 | 0.6811 | 0.013 | 0.9704 | 0.9834 |
| 107.0333 | 0.6811 | 0 | 0.973 | 0.973 |
| 107.0667 | 0.6811 | 0 | 0.9743 | 0.9743 |
| 107.1 | 0.6808 | 0.0262 | 0.9757 | 1.0019 |
| 107.1333 | 0.6841 | 0.013 | 0.9757 | 0.9887 |
| 107.1667 | 0.6847 | 0.0262 | 0.9796 | 1.0058 |
| 107.2 | 0.6837 | 0 | 0.977 | 0.977 |
| 107.2333 | 0.6834 | 0.013 | 0.9822 | 0.9953 |
| 107.2667 | 0.6834 | 0 | 0.9836 | 0.9836 |
| 107.3 | 0.6867 | 0.013 | 0.9888 | 1.0019 |
| 107.3333 | 0.6867 | 0.013 | 0.9901 | 1.0032 |
| 107.3667 | 0.686 | 0.013 | 0.9954 | 1.0084 |
| 107.4 | 0.688 | 0 | 0.9941 | 0.9941 |
| 107.4333 | 0.6864 | 0.013 | 0.9941 | 1.0071 |
| 107.4667 | 0.6877 | 0 | 1.0006 | 1.0006 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 107.5 | 0.6887 | 0.0262 | 0.9967 | 1.0229 |
| 107.5333 | 0.6883 | 0.013 | 0.9967 | 1.0097 |
| 107.5667 | 0.6903 | 0 | 1.0006 | 1.0006 |
| 107.6 | 0.6926 | 0 | 1.0046 | 1.0046 |
| 107.6333 | 0.6916 | 0.013 | 1.0046 | 1.0176 |
| 107.6667 | 0.6913 | 0.013 | 1.0059 | 1.0189 |
| 107.7 | 0.6883 | 0.013 | 1.0072 | 1.0203 |
| 107.7333 | 0.6926 | 0.013 | 1.0046 | 1.0176 |
| 107.7667 | 0.6926 | 0 | 1.0085 | 1.0085 |
| 107.8 | 0.6946 | 0.0262 | 1.0125 | 1.0387 |
| 107.8333 | 0.6933 | 0.013 | 1.0085 | 1.0216 |
| 107.8667 | 0.6933 | 0.013 | 1.0059 | 1.0189 |
| 107.9 | 0.6943 | 0.013 | 1.0112 | 1.0242 |
| 107.9333 | 0.6936 | 0.013 | 1.0138 | 1.0268 |
| 107.9667 | 0.6956 | 0.013 | 1.0164 | 1.0295 |
| 108 | 0.6946 | 0.013 | 1.0112 | 1.0242 |
| 108.0333 | 0.6943 | 0.0262 | 1.0243 | 1.0505 |
| 108.0667 | 0.6966 | 0.013 | 1.0243 | 1.0374 |
| 108.1 | 0.6953 | 0.013 | 1.0217 | 1.0347 |
| 108.1333 | 0.6943 | 0.013 | 1.0243 | 1.0374 |
| 108.1667 | 0.6972 | 0.013 | 1.0309 | 1.0439 |
| 108.2 | 0.6959 | 0.013 | 1.0283 | 1.0413 |
| 108.2333 | 0.6976 | 0.013 | 1.0269 | 1.04 |
| 108.2667 | 0.6956 | 0.013 | 1.0296 | 1.0426 |
| 108.3 | 0.6979 | 0.0262 | 1.0269 | 1.0531 |
| 108.3333 | 0.6995 | 0.013 | 1.0269 | 1.04 |
| 108.3667 | 0.7002 | 0.013 | 1.0283 | 1.0413 |
| 108.4 | 0.6999 | 0.013 | 1.0361 | 1.0492 |
| 108.4333 | 0.6999 | 0 | 1.0296 | 1.0296 |
| 108.4667 | 0.6985 | 0 | 1.0309 | 1.0309 |
| 108.5 | 0.7035 | 0.0262 | 1.0375 | 1.0637 |
| 108.5333 | 0.7035 | 0.0262 | 1.0414 | 1.0676 |
| 108.5667 | 0.7012 | 0.013 | 1.0361 | 1.0492 |
| 108.6 | 0.7041 | 0 | 1.0388 | 1.0388 |
| 108.6333 | 0.7045 | 0.013 | 1.0401 | 1.0531 |
| 108.6667 | 0.7045 | 0 | 1.0401 | 1.0401 |
| 108.7 | 0.7041 | 0 | 1.0361 | 1.0361 |
| 108.7333 | 0.7055 | 0 | 1.0414 | 1.0414 |
| 108.7667 | 0.7048 | 0.013 | 1.0454 | 1.0584 |
| 108.8 | 0.7055 | 0.013 | 1.0401 | 1.0531 |
| 108.8333 | 0.7071 | 0 | 1.0427 | 1.0427 |
| 108.8667 | 0.7041 | 0.013 | 1.0414 | 1.0545 |
| 108.9 | 0.7051 | 0.013 | 1.0427 | 1.0558 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 108.9333 | 0.7051 | 0 | 1.0401 | 1.0401 |
| 108.9667 | 0.7071 | 0.0262 | 1.0467 | 1.0729 |
| 109 | 0.7071 | 0.013 | 1.048 | 1.061 |
| 109.0333 | 0.7045 | 0.013 | 1.0493 | 1.0623 |
| 109.0667 | 0.7078 | 0.0262 | 1.0506 | 1.0768 |
| 109.1 | 0.7068 | 0.013 | 1.0519 | 1.065 |
| 109.1333 | 0.7058 | 0.013 | 1.0559 | 1.0689 |
| 109.1667 | 0.7038 | 0.013 | 1.0519 | 1.065 |
| 109.2 | 0.7087 | 0.013 | 1.0611 | 1.0742 |
| 109.2333 | 0.7094 | 0.013 | 1.0572 | 1.0702 |
| 109.2667 | 0.7117 | 0.013 | 1.0585 | 1.0715 |
| 109.3 | 0.7091 | 0 | 1.0506 | 1.0506 |
| 109.3333 | 0.7097 | 0 | 1.0598 | 1.0598 |
| 109.3667 | 0.7078 | 0.013 | 1.0572 | 1.0702 |
| 109.4 | 0.7084 | 0 | 1.0546 | 1.0546 |
| 109.4333 | 0.7084 | 0.013 | 1.0585 | 1.0715 |
| 109.4667 | 0.7101 | 0.013 | 1.0664 | 1.0794 |
| 109.5 | 0.7127 | 0.013 | 1.0651 | 1.0781 |
| 109.5333 | 0.7127 | 0.013 | 1.0611 | 1.0742 |
| 109.5667 | 0.7124 | 0.013 | 1.0651 | 1.0781 |
| 109.6 | 0.714 | 0 | 1.0624 | 1.0624 |
| 109.6333 | 0.7117 | 0.013 | 1.0664 | 1.0794 |
| 109.6667 | 0.7147 | 0.013 | 1.0638 | 1.0768 |
| 109.7 | 0.7127 | 0.013 | 1.073 | 1.086 |
| 109.7333 | 0.7134 | 0 | 1.0624 | 1.0624 |
| 109.7667 | 0.7143 | 0 | 1.0651 | 1.0651 |
| 109.8 | 0.713 | 0.0262 | 1.0664 | 1.0926 |
| 109.8333 | 0.7153 | 0.0262 | 1.073 | 1.0992 |
| 109.8667 | 0.7137 | 0.013 | 1.069 | 1.0821 |
| 109.9 | 0.716 | 0 | 1.0677 | 1.0677 |
| 109.9333 | 0.7186 | 0 | 1.0769 | 1.0769 |
| 109.9667 | 0.7166 | 0.0262 | 1.0677 | 1.0939 |
| 110 | 0.7166 | 0.013 | 1.073 | 1.086 |
| 110.0333 | 0.7166 | 0.013 | 1.0756 | 1.0886 |
| 110.0667 | 0.717 | 0.013 | 1.0769 | 1.09 |
| 110.1 | 0.716 | 0 | 1.0822 | 1.0822 |
| 110.1333 | 0.7166 | 0.013 | 1.0769 | 1.09 |
| 110.1667 | 0.7153 | 0.013 | 1.0822 | 1.0952 |
| 110.2 | 0.7183 | 0.013 | 1.0795 | 1.0926 |
| 110.2333 | 0.717 | 0 | 1.0795 | 1.0795 |
| 110.2667 | 0.7209 | 0.0262 | 1.0822 | 1.1084 |
| 110.3 | 0.7176 | 0.013 | 1.0809 | 1.0939 |
| 110.3333 | 0.719 | 0.013 | 1.0874 | 1.1005 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 110.3667 | 0.7209 | 0 | 1.0848 | 1.0848 |
| 110.4 | 0.7183 | 0.013 | 1.0874 | 1.1005 |
| 110.4333 | 0.7226 | 0.0262 | 1.0861 | 1.1123 |
| 110.4667 | 0.7213 | 0.013 | 1.0887 | 1.1018 |
| 110.5 | 0.7216 | 0.013 | 1.0887 | 1.1018 |
| 110.5333 | 0.7252 | 0 | 1.0848 | 1.0848 |
| 110.5667 | 0.7216 | 0.013 | 1.0914 | 1.1044 |
| 110.6 | 0.7213 | 0 | 1.094 | 1.094 |
| 110.6333 | 0.7255 | 0 | 1.0966 | 1.0966 |
| 110.6667 | 0.7252 | 0 | 1.0953 | 1.0953 |
| 110.7 | 0.7245 | 0 | 1.098 | 1.098 |
| 110.7333 | 0.7203 | 0.013 | 1.0993 | 1.1123 |
| 110.7667 | 0.7232 | 0.013 | 1.0966 | 1.1097 |
| 110.8 | 0.7259 | 0 | 1.098 | 1.098 |
| 110.8333 | 0.7229 | 0.013 | 1.0993 | 1.1123 |
| 110.8667 | 0.7262 | 0.013 | 1.1006 | 1.1136 |
| 110.9 | 0.7236 | 0.013 | 1.0953 | 1.1084 |
| 110.9333 | 0.7242 | 0.013 | 1.094 | 1.1071 |
| 110.9667 | 0.7242 | 0.013 | 1.1006 | 1.1136 |
| 111 | 0.7282 | 0.0262 | 1.098 | 1.1241 |
| 111.0333 | 0.7278 | 0.013 | 1.0993 | 1.1123 |
| 111.0667 | 0.7282 | 0 | 1.0927 | 1.0927 |
| 111.1 | 0.7272 | 0.013 | 1.1006 | 1.1136 |
| 111.1333 | 0.7259 | 0.0262 | 1.0993 | 1.1255 |
| 111.1667 | 0.7269 | 0.013 | 1.1032 | 1.1163 |
| 111.2 | 0.7275 | 0.013 | 1.1072 | 1.1202 |
| 111.2333 | 0.7301 | 0 | 1.1098 | 1.1098 |
| 111.2667 | 0.7255 | 0 | 1.1111 | 1.1111 |
| 111.3 | 0.7278 | 0 | 1.1098 | 1.1098 |
| 111.3333 | 0.7278 | 0.0262 | 1.1124 | 1.1386 |
| 111.3667 | 0.7282 | 0.013 | 1.1137 | 1.1268 |
| 111.4 | 0.7275 | 0.013 | 1.1177 | 1.1307 |
| 111.4333 | 0.7311 | 0.0262 | 1.115 | 1.1412 |
| 111.4667 | 0.7311 | 0.013 | 1.119 | 1.132 |
| 111.5 | 0.7288 | 0.013 | 1.1164 | 1.1294 |
| 111.5333 | 0.7311 | 0 | 1.1216 | 1.1216 |
| 111.5667 | 0.7301 | 0.0262 | 1.1256 | 1.1518 |
| 111.6 | 0.7292 | 0 | 1.1216 | 1.1216 |
| 111.6333 | 0.7262 | 0 | 1.1269 | 1.1269 |
| 111.6667 | 0.7301 | 0.013 | 1.1269 | 1.1399 |
| 111.7 | 0.7288 | 0.013 | 1.1295 | 1.1426 |
| 111.7333 | 0.7301 | 0.013 | 1.1321 | 1.1452 |
| 111.7667 | 0.7282 | 0 | 1.1308 | 1.1308 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 111.8 | 0.7275 | 0.013 | 1.1361 | 1.1491 |
| 111.8333 | 0.7242 | 0 | 1.1361 | 1.1361 |
| 111.8667 | 0.7295 | 0.013 | 1.1361 | 1.1491 |
| 111.9 | 0.7278 | 0.013 | 1.1374 | 1.1504 |
| 111.9333 | 0.7245 | 0.013 | 1.1348 | 1.1478 |
| 111.9667 | 0.7272 | 0.013 | 1.1348 | 1.1478 |
| 112 | 0.7259 | 0.013 | 1.1348 | 1.1478 |
| 112.0333 | 0.7236 | 0.013 | 1.1361 | 1.1491 |
| 112.0667 | 0.7259 | 0 | 1.144 | 1.144 |
| 112.1 | 0.7239 | 0 | 1.1427 | 1.1427 |
| 112.1333 | 0.7239 | 0.013 | 1.14 | 1.1531 |
| 112.1667 | 0.7255 | 0.013 | 1.1361 | 1.1491 |
| 112.2 | 0.7242 | 0.013 | 1.144 | 1.157 |
| 112.2333 | 0.7229 | 0.0262 | 1.1453 | 1.1715 |
| 112.2667 | 0.7229 | 0 | 1.1466 | 1.1466 |
| 112.3 | 0.7199 | 0.013 | 1.1427 | 1.1557 |
| 112.3333 | 0.7199 | 0 | 1.1545 | 1.1545 |
| 112.3667 | 0.7226 | 0 | 1.1506 | 1.1506 |
| 112.4 | 0.7209 | 0 | 1.1506 | 1.1506 |
| 112.4333 | 0.716 | 0 | 1.1519 | 1.1519 |
| 112.4667 | 0.7206 | 0 | 1.1492 | 1.1492 |
| 112.5 | 0.7213 | 0.0262 | 1.1519 | 1.1781 |
| 112.5333 | 0.7213 | 0.013 | 1.1479 | 1.161 |
| 112.5667 | 0.7183 | 0.013 | 1.1479 | 1.161 |
| 112.6 | 0.717 | 0 | 1.1519 | 1.1519 |
| 112.6333 | 0.7183 | 0 | 1.1558 | 1.1558 |
| 112.6667 | 0.7199 | 0.0262 | 1.1492 | 1.1754 |
| 112.7 | 0.7196 | 0.0262 | 1.1558 | 1.182 |
| 112.7333 | 0.7176 | 0 | 1.1545 | 1.1545 |
| 112.7667 | 0.717 | 0 | 1.1532 | 1.1532 |
| 112.8 | 0.718 | 0 | 1.1571 | 1.1571 |
| 112.8333 | 0.7166 | 0 | 1.1558 | 1.1558 |
| 112.8667 | 0.7173 | 0 | 1.1519 | 1.1519 |
| 112.9 | 0.7163 | 0 | 1.1571 | 1.1571 |
| 112.9333 | 0.7153 | 0.013 | 1.1519 | 1.1649 |
| 112.9667 | 0.7163 | 0.013 | 1.1558 | 1.1689 |
| 113 | 0.7153 | 0 | 1.1571 | 1.1571 |
| 113.0333 | 0.7137 | 0.013 | 1.1584 | 1.1715 |
| 113.0667 | 0.712 | 0 | 1.1611 | 1.1611 |
| 113.1 | 0.7111 | 0 | 1.1584 | 1.1584 |
| 113.1333 | 0.7097 | 0.013 | 1.1598 | 1.1728 |
| 113.1667 | 0.7124 | 0.013 | 1.1571 | 1.1702 |
| 113.2 | 0.714 | 0.013 | 1.1624 | 1.1754 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 113.2333 | 0.7087 | 0 | 1.1571 | 1.1571 |
| 113.2667 | 0.713 | 0 | 1.1558 | 1.1558 |
| 113.3 | 0.712 | 0 | 1.1611 | 1.1611 |
| 113.3333 | 0.7117 | 0.013 | 1.1584 | 1.1715 |
| 113.3667 | 0.7091 | 0 | 1.1545 | 1.1545 |
| 113.4 | 0.712 | 0.0262 | 1.1545 | 1.1807 |
| 113.4333 | 0.7117 | 0 | 1.1506 | 1.1506 |
| 113.4667 | 0.7084 | 0.013 | 1.1558 | 1.1689 |
| 113.5 | 0.7074 | 0 | 1.1506 | 1.1506 |
| 113.5333 | 0.7081 | 0.013 | 1.1519 | 1.1649 |
| 113.5667 | 0.7068 | 0.013 | 1.1532 | 1.1662 |
| 113.6 | 0.7074 | 0.013 | 1.1532 | 1.1662 |
| 113.6333 | 0.7091 | 0.0262 | 1.1532 | 1.1794 |
| 113.6667 | 0.7087 | 0.013 | 1.1558 | 1.1689 |
| 113.7 | 0.7101 | 0.013 | 1.1571 | 1.1702 |
| 113.7333 | 0.7084 | 0.0262 | 1.1532 | 1.1794 |
| 113.7667 | 0.7074 | 0 | 1.1584 | 1.1584 |
| 113.8 | 0.7051 | 0.013 | 1.1584 | 1.1715 |
| 113.8333 | 0.7071 | 0.013 | 1.1571 | 1.1702 |
| 113.8667 | 0.7107 | 0 | 1.1558 | 1.1558 |
| 113.9 | 0.7091 | 0 | 1.1624 | 1.1624 |
| 113.9333 | 0.7055 | 0.013 | 1.1663 | 1.1794 |
| 113.9667 | 0.7048 | 0 | 1.1584 | 1.1584 |
| 114 | 0.7084 | 0 | 1.1624 | 1.1624 |
| 114.0333 | 0.7041 | 0.013 | 1.165 | 1.1781 |
| 114.0667 | 0.7028 | 0 | 1.165 | 1.165 |
| 114.1 | 0.7051 | 0.013 | 1.1624 | 1.1754 |
| 114.1333 | 0.7051 | 0.0262 | 1.165 | 1.1912 |
| 114.1667 | 0.7051 | 0 | 1.1611 | 1.1611 |
| 114.2 | 0.7055 | 0.013 | 1.1611 | 1.1741 |
| 114.2333 | 0.7081 | 0 | 1.1584 | 1.1584 |
| 114.2667 | 0.7038 | 0.013 | 1.1624 | 1.1754 |
| 114.3 | 0.7035 | 0.0262 | 1.1584 | 1.1846 |
| 114.3333 | 0.7058 | 0.013 | 1.1611 | 1.1741 |
| 114.3667 | 0.7051 | 0 | 1.1637 | 1.1637 |
| 114.4 | 0.7051 | 0 | 1.1637 | 1.1637 |
| 114.4333 | 0.7055 | 0 | 1.1571 | 1.1571 |
| 114.4667 | 0.7061 | 0.013 | 1.1637 | 1.1767 |
| 114.5 | 0.7068 | 0.013 | 1.1611 | 1.1741 |
| 114.5333 | 0.7032 | 0.013 | 1.1637 | 1.1767 |
| 114.5667 | 0.7038 | 0 | 1.1676 | 1.1676 |
| 114.6 | 0.7028 | 0.0262 | 1.1624 | 1.1886 |
| 114.6333 | 0.7022 | 0.013 | 1.1637 | 1.1767 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 114.6667 | 0.6999 | 0.0262 | 1.1637 | 1.1899 |
| 114.7 | 0.7015 | 0.013 | 1.1611 | 1.1741 |
| 114.7333 | 0.6982 | 0.013 | 1.1624 | 1.1754 |
| 114.7667 | 0.7015 | 0.013 | 1.1663 | 1.1794 |
| 114.8 | 0.7012 | 0.013 | 1.165 | 1.1781 |
| 114.8333 | 0.7041 | 0.013 | 1.165 | 1.1781 |
| 114.8667 | 0.7015 | 0 | 1.1663 | 1.1663 |
| 114.9 | 0.7002 | 0.013 | 1.165 | 1.1781 |
| 114.9333 | 0.7038 | 0 | 1.1624 | 1.1624 |
| 114.9667 | 0.7032 | 0 | 1.1624 | 1.1624 |
| 115 | 0.7005 | 0 | 1.165 | 1.165 |
| 115.0333 | 0.7005 | 0 | 1.1663 | 1.1663 |
| 115.0667 | 0.7012 | 0.013 | 1.165 | 1.1781 |
| 115.1 | 0.7035 | 0.0262 | 1.169 | 1.1952 |
| 115.1333 | 0.7028 | 0.013 | 1.169 | 1.182 |
| 115.1667 | 0.7025 | 0.013 | 1.1676 | 1.1807 |
| 115.2 | 0.6982 | 0 | 1.165 | 1.165 |
| 115.2333 | 0.7015 | 0.013 | 1.1676 | 1.1807 |
| 115.2667 | 0.6992 | 0 | 1.1611 | 1.1611 |
| 115.3 | 0.7015 | 0.0262 | 1.165 | 1.1912 |
| 115.3333 | 0.6985 | 0.0262 | 1.1637 | 1.1899 |
| 115.3667 | 0.6992 | 0.0393 | 1.1663 | 1.2057 |
| 115.4 | 0.6969 | 0 | 1.1584 | 1.1584 |
| 115.4333 | 0.7002 | 0.0262 | 1.165 | 1.1912 |
| 115.4667 | 0.6985 | 0.013 | 1.165 | 1.1781 |
| 115.5 | 0.6989 | 0 | 1.165 | 1.165 |
| 115.5333 | 0.7009 | 0 | 1.1663 | 1.1663 |
| 115.5667 | 0.6989 | 0.013 | 1.165 | 1.1781 |
| 115.6 | 0.7041 | 0.013 | 1.1676 | 1.1807 |
| 115.6333 | 0.7022 | 0.0393 | 1.1598 | 1.1991 |
| 115.6667 | 0.7009 | 0 | 1.1637 | 1.1637 |
| 115.7 | 0.7028 | 0 | 1.1663 | 1.1663 |
| 115.7333 | 0.7002 | 0 | 1.1637 | 1.1637 |
| 115.7667 | 0.7015 | 0 | 1.1624 | 1.1624 |
| 115.8 | 0.6999 | 0 | 1.1637 | 1.1637 |
| 115.8333 | 0.7002 | 0 | 1.1637 | 1.1637 |
| 115.8667 | 0.6999 | 0 | 1.165 | 1.165 |
| 115.9 | 0.7002 | 0.013 | 1.1729 | 1.186 |
| 115.9333 | 0.7012 | 0.0262 | 1.165 | 1.1912 |
| 115.9667 | 0.6985 | 0 | 1.1598 | 1.1598 |
| 116 | 0.6992 | 0.013 | 1.1663 | 1.1794 |
| 116.0333 | 0.6999 | 0 | 1.1611 | 1.1611 |
| 116.0667 | 0.6999 | 0.013 | 1.1637 | 1.1767 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 116.1 | 0.7012 | 0.0262 | 1.1676 | 1.1938 |
| 116.1333 | 0.6985 | 0.013 | 1.1703 | 1.1833 |
| 116.1667 | 0.7005 | 0 | 1.1611 | 1.1611 |
| 116.2 | 0.7012 | 0.013 | 1.1663 | 1.1794 |
| 116.2333 | 0.7002 | 0 | 1.1676 | 1.1676 |
| 116.2667 | 0.6999 | 0 | 1.1624 | 1.1624 |
| 116.3 | 0.7032 | 0.013 | 1.1637 | 1.1767 |
| 116.3333 | 0.6985 | 0.013 | 1.165 | 1.1781 |
| 116.3667 | 0.6992 | 0 | 1.1663 | 1.1663 |
| 116.4 | 0.7002 | 0.0262 | 1.1637 | 1.1899 |
| 116.4333 | 0.7015 | 0.013 | 1.1611 | 1.1741 |
| 116.4667 | 0.6989 | 0 | 1.1598 | 1.1598 |
| 116.5 | 0.6989 | 0.013 | 1.1637 | 1.1767 |
| 116.5333 | 0.6995 | 0 | 1.1584 | 1.1584 |
| 116.5667 | 0.6992 | 0.013 | 1.1558 | 1.1689 |
| 116.6 | 0.6995 | 0.013 | 1.1584 | 1.1715 |
| 116.6333 | 0.6992 | 0.0262 | 1.1571 | 1.1833 |
| 116.6667 | 0.7002 | 0 | 1.1571 | 1.1571 |
| 116.7 | 0.7012 | 0.013 | 1.1532 | 1.1662 |
| 116.7333 | 0.7018 | 0.013 | 1.1571 | 1.1702 |
| 116.7667 | 0.7035 | 0 | 1.1558 | 1.1558 |
| 116.8 | 0.7025 | 0.013 | 1.1532 | 1.1662 |
| 116.8333 | 0.6985 | 0.013 | 1.1584 | 1.1715 |
| 116.8667 | 0.7005 | 0 | 1.1558 | 1.1558 |
| 116.9 | 0.7025 | 0 | 1.1532 | 1.1532 |
| 116.9333 | 0.7009 | 0 | 1.1519 | 1.1519 |
| 116.9667 | 0.6992 | 0 | 1.1584 | 1.1584 |
| 117 | 0.7018 | 0.013 | 1.1506 | 1.1636 |
| 117.0333 | 0.6979 | 0 | 1.1611 | 1.1611 |
| 117.0667 | 0.6989 | 0.013 | 1.1571 | 1.1702 |
| 117.1 | 0.7022 | 0.013 | 1.1545 | 1.1675 |
| 117.1333 | 0.7022 | 0 | 1.1558 | 1.1558 |
| 117.1667 | 0.7018 | 0 | 1.1545 | 1.1545 |
| 117.2 | 0.7025 | 0.013 | 1.1571 | 1.1702 |
| 117.2333 | 0.7025 | 0 | 1.1545 | 1.1545 |
| 117.2667 | 0.7018 | 0 | 1.1558 | 1.1558 |
| 117.3 | 0.7002 | 0 | 1.1558 | 1.1558 |
| 117.3333 | 0.7015 | 0.013 | 1.1558 | 1.1689 |
| 117.3667 | 0.7018 | 0.013 | 1.1571 | 1.1702 |
| 117.4 | 0.7022 | 0.013 | 1.1545 | 1.1675 |
| 117.4333 | 0.7032 | 0.013 | 1.1532 | 1.1662 |
| 117.4667 | 0.7018 | 0.013 | 1.1571 | 1.1702 |
| 117.5 | 0.7018 | 0 | 1.1545 | 1.1545 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 117.5333 | 0.7005 | 0.013 | 1.1558 | 1.1689 |
| 117.5667 | 0.7015 | 0.013 | 1.1598 | 1.1728 |
| 117.6 | 0.7048 | 0.0262 | 1.1584 | 1.1846 |
| 117.6333 | 0.7022 | 0 | 1.1506 | 1.1506 |
| 117.6667 | 0.7022 | 0 | 1.1545 | 1.1545 |
| 117.7 | 0.7032 | 0 | 1.1492 | 1.1492 |
| 117.7333 | 0.7058 | 0 | 1.1519 | 1.1519 |
| 117.7667 | 0.7074 | 0.013 | 1.1558 | 1.1689 |
| 117.8 | 0.7061 | 0.013 | 1.1558 | 1.1689 |
| 117.8333 | 0.7045 | 0 | 1.1584 | 1.1584 |
| 117.8667 | 0.7064 | 0.0262 | 1.1584 | 1.1846 |
| 117.9 | 0.7041 | 0 | 1.1598 | 1.1598 |
| 117.9333 | 0.7041 | 0.013 | 1.1558 | 1.1689 |
| 117.9667 | 0.7071 | 0 | 1.1532 | 1.1532 |
| 118 | 0.7055 | 0.013 | 1.1584 | 1.1715 |
| 118.0333 | 0.7045 | 0.013 | 1.1545 | 1.1675 |
| 118.0667 | 0.7058 | 0.0262 | 1.1519 | 1.1781 |
| 118.1 | 0.7035 | 0.013 | 1.1545 | 1.1675 |
| 118.1333 | 0.7064 | 0.013 | 1.1584 | 1.1715 |
| 118.1667 | 0.7061 | 0 | 1.1545 | 1.1545 |
| 118.2 | 0.7104 | 0 | 1.1545 | 1.1545 |
| 118.2333 | 0.7094 | 0.013 | 1.1519 | 1.1649 |
| 118.2667 | 0.7091 | 0 | 1.1571 | 1.1571 |
| 118.3 | 0.7087 | 0 | 1.1545 | 1.1545 |
| 118.3333 | 0.7084 | 0 | 1.1532 | 1.1532 |
| 118.3667 | 0.7091 | 0 | 1.1571 | 1.1571 |
| 118.4 | 0.7055 | 0.0262 | 1.1532 | 1.1794 |
| 118.4333 | 0.7101 | 0 | 1.1545 | 1.1545 |
| 118.4667 | 0.7104 | 0 | 1.1584 | 1.1584 |
| 118.5 | 0.7107 | 0 | 1.1532 | 1.1532 |
| 118.5333 | 0.7107 | 0.0262 | 1.1571 | 1.1833 |
| 118.5667 | 0.7078 | 0.013 | 1.1519 | 1.1649 |
| 118.6 | 0.7104 | 0 | 1.1532 | 1.1532 |
| 118.6333 | 0.7071 | 0.013 | 1.1532 | 1.1662 |
| 118.6667 | 0.7101 | 0.013 | 1.1558 | 1.1689 |
| 118.7 | 0.7114 | 0.0262 | 1.1532 | 1.1794 |
| 118.7333 | 0.7117 | 0.013 | 1.1466 | 1.1597 |
| 118.7667 | 0.7111 | 0.0262 | 1.1506 | 1.1767 |
| 118.8 | 0.7087 | 0.0262 | 1.1519 | 1.1781 |
| 118.8333 | 0.7107 | 0 | 1.1492 | 1.1492 |
| 118.8667 | 0.712 | 0.013 | 1.1506 | 1.1636 |
| 118.9 | 0.7124 | 0.0262 | 1.1532 | 1.1794 |
| 118.9333 | 0.712 | 0.013 | 1.1479 | 1.161 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 118.9667 | 0.7104 | 0 | 1.1519 | 1.1519 |
| 119 | 0.7107 | 0 | 1.1519 | 1.1519 |
| 119.0333 | 0.7104 | 0.013 | 1.1532 | 1.1662 |
| 119.0667 | 0.7114 | 0.013 | 1.1492 | 1.1623 |
| 119.1 | 0.714 | 0.0262 | 1.1532 | 1.1794 |
| 119.1333 | 0.7153 | 0.013 | 1.1479 | 1.161 |
| 119.1667 | 0.7107 | 0.0262 | 1.1479 | 1.1741 |
| 119.2 | 0.7107 | 0.0393 | 1.1492 | 1.1886 |
| 119.2333 | 0.7127 | 0 | 1.1506 | 1.1506 |
| 119.2667 | 0.7143 | 0.013 | 1.1506 | 1.1636 |
| 119.3 | 0.713 | 0 | 1.1492 | 1.1492 |
| 119.3333 | 0.7157 | 0 | 1.1466 | 1.1466 |
| 119.3667 | 0.7127 | 0 | 1.1519 | 1.1519 |
| 119.4 | 0.7147 | 0.013 | 1.1545 | 1.1675 |
| 119.4333 | 0.7157 | 0.013 | 1.1532 | 1.1662 |
| 119.4667 | 0.718 | 0.013 | 1.1558 | 1.1689 |
| 119.5 | 0.7163 | 0.013 | 1.1558 | 1.1689 |
| 119.5333 | 0.7143 | 0 | 1.1519 | 1.1519 |
| 119.5667 | 0.714 | 0.013 | 1.1532 | 1.1662 |
| 119.6 | 0.7137 | 0.013 | 1.1532 | 1.1662 |
| 119.6333 | 0.7107 | 0 | 1.1545 | 1.1545 |
| 119.6667 | 0.7134 | 0.0262 | 1.1558 | 1.182 |
| 119.7 | 0.7173 | 0 | 1.1545 | 1.1545 |
| 119.7333 | 0.7127 | 0.0262 | 1.1545 | 1.1807 |
| 119.7667 | 0.7163 | 0 | 1.1558 | 1.1558 |
| 119.8 | 0.716 | 0.013 | 1.1545 | 1.1675 |
| 119.8333 | 0.7153 | 0.013 | 1.1571 | 1.1702 |
| 119.8667 | 0.7124 | 0 | 1.1584 | 1.1584 |
| 119.9 | 0.7173 | 0 | 1.1545 | 1.1545 |
| 119.9333 | 0.715 | 0.013 | 1.1584 | 1.1715 |
| 119.9667 | 0.713 | 0.013 | 1.1545 | 1.1675 |
| 120 | 0.7153 | 0.013 | 1.1624 | 1.1754 |
| 120.0333 | 0.716 | 0 | 1.1611 | 1.1611 |
| 120.0667 | 0.718 | 0.0262 | 1.165 | 1.1912 |
| 120.1 | 0.7157 | 0 | 1.1571 | 1.1571 |
| 120.1333 | 0.718 | 0.013 | 1.165 | 1.1781 |
| 120.1667 | 0.7157 | 0.013 | 1.1584 | 1.1715 |
| 120.2 | 0.7157 | 0.013 | 1.1663 | 1.1794 |
| 120.2333 | 0.7183 | 0 | 1.165 | 1.165 |
| 120.2667 | 0.7166 | 0.013 | 1.165 | 1.1781 |
| 120.3 | 0.718 | 0 | 1.1624 | 1.1624 |
| 120.3333 | 0.7163 | 0.013 | 1.1598 | 1.1728 |
| 120.3667 | 0.7193 | 0.013 | 1.1624 | 1.1754 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 120.4 | 0.7176 | 0.013 | 1.1637 | 1.1767 |
| 120.4333 | 0.7166 | 0 | 1.1624 | 1.1624 |
| 120.4667 | 0.7196 | 0.013 | 1.1611 | 1.1741 |
| 120.5 | 0.7193 | 0 | 1.165 | 1.165 |
| 120.5333 | 0.7199 | 0.013 | 1.169 | 1.182 |
| 120.5667 | 0.7196 | 0.013 | 1.1611 | 1.1741 |
| 120.6 | 0.7186 | 0.013 | 1.1611 | 1.1741 |
| 120.6333 | 0.7166 | 0.0262 | 1.1624 | 1.1886 |
| 120.6667 | 0.718 | 0.0262 | 1.1637 | 1.1899 |
| 120.7 | 0.7196 | 0.013 | 1.1624 | 1.1754 |
| 120.7333 | 0.7206 | 0.0262 | 1.1663 | 1.1925 |
| 120.7667 | 0.716 | 0.013 | 1.1598 | 1.1728 |
| 120.8 | 0.7196 | 0.013 | 1.1598 | 1.1728 |
| 120.8333 | 0.7166 | 0 | 1.1663 | 1.1663 |
| 120.8667 | 0.7193 | 0 | 1.1663 | 1.1663 |
| 120.9 | 0.7183 | 0.013 | 1.1637 | 1.1767 |
| 120.9333 | 0.7222 | 0 | 1.1611 | 1.1611 |
| 120.9667 | 0.7199 | 0 | 1.169 | 1.169 |
| 121 | 0.7203 | 0 | 1.1637 | 1.1637 |
| 121.0333 | 0.719 | 0 | 1.1611 | 1.1611 |
| 121.0667 | 0.7196 | 0.013 | 1.169 | 1.182 |
| 121.1 | 0.7176 | 0 | 1.1663 | 1.1663 |
| 121.1333 | 0.716 | 0.013 | 1.1663 | 1.1794 |
| 121.1667 | 0.7186 | 0.013 | 1.1611 | 1.1741 |
| 121.2 | 0.718 | 0 | 1.1676 | 1.1676 |
| 121.2333 | 0.719 | 0.013 | 1.165 | 1.1781 |
| 121.2667 | 0.7196 | 0 | 1.165 | 1.165 |
| 121.3 | 0.7236 | 0 | 1.1676 | 1.1676 |
| 121.3333 | 0.7226 | 0 | 1.165 | 1.165 |
| 121.3667 | 0.7199 | 0.013 | 1.1637 | 1.1767 |
| 121.4 | 0.7203 | 0.013 | 1.1611 | 1.1741 |
| 121.4333 | 0.7193 | 0.013 | 1.1663 | 1.1794 |
| 121.4667 | 0.7199 | 0.013 | 1.165 | 1.1781 |
| 121.5 | 0.7222 | 0.013 | 1.1624 | 1.1754 |
| 121.5333 | 0.7206 | 0.013 | 1.165 | 1.1781 |
| 121.5667 | 0.718 | 0 | 1.1637 | 1.1637 |
| 121.6 | 0.717 | 0 | 1.1611 | 1.1611 |
| 121.6333 | 0.7213 | 0.013 | 1.1637 | 1.1767 |
| 121.6667 | 0.7199 | 0.013 | 1.1624 | 1.1754 |
| 121.7 | 0.7196 | 0 | 1.1637 | 1.1637 |
| 121.7333 | 0.7229 | 0.013 | 1.1624 | 1.1754 |
| 121.7667 | 0.7242 | 0 | 1.1624 | 1.1624 |
| 121.8 | 0.7219 | 0.0262 | 1.1598 | 1.186 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 121.8333 | 0.7239 | 0.013 | 1.1611 | 1.1741 |
| 121.8667 | 0.7219 | 0.013 | 1.1663 | 1.1794 |
| 121.9 | 0.7232 | 0.013 | 1.1637 | 1.1767 |
| 121.9333 | 0.7229 | 0.013 | 1.1571 | 1.1702 |
| 121.9667 | 0.7239 | 0 | 1.165 | 1.165 |
| 122 | 0.7229 | 0 | 1.165 | 1.165 |
| 122.0333 | 0.7269 | 0 | 1.1571 | 1.1571 |
| 122.0667 | 0.7222 | 0 | 1.1637 | 1.1637 |
| 122.1 | 0.7252 | 0 | 1.1584 | 1.1584 |
| 122.1333 | 0.7216 | 0 | 1.1624 | 1.1624 |
| 122.1667 | 0.7255 | 0.013 | 1.1637 | 1.1767 |
| 122.2 | 0.7242 | 0 | 1.1676 | 1.1676 |
| 122.2333 | 0.7239 | 0.013 | 1.165 | 1.1781 |
| 122.2667 | 0.7265 | 0.013 | 1.1663 | 1.1794 |
| 122.3 | 0.7236 | 0.013 | 1.1663 | 1.1794 |
| 122.3333 | 0.7242 | 0.013 | 1.1611 | 1.1741 |
| 122.3667 | 0.7213 | 0 | 1.165 | 1.165 |
| 122.4 | 0.7236 | 0 | 1.1676 | 1.1676 |
| 122.4333 | 0.7222 | 0.013 | 1.1637 | 1.1767 |
| 122.4667 | 0.7229 | 0.013 | 1.1637 | 1.1767 |
| 122.5 | 0.7226 | 0.013 | 1.1676 | 1.1807 |
| 122.5333 | 0.7245 | 0.0262 | 1.1598 | 1.186 |
| 122.5667 | 0.7229 | 0 | 1.1676 | 1.1676 |
| 122.6 | 0.7229 | 0.013 | 1.1676 | 1.1807 |
| 122.6333 | 0.7249 | 0.013 | 1.169 | 1.182 |
| 122.6667 | 0.7255 | 0 | 1.1624 | 1.1624 |
| 122.7 | 0.7232 | 0 | 1.1663 | 1.1663 |
| 122.7333 | 0.7255 | 0 | 1.1663 | 1.1663 |
| 122.7667 | 0.7269 | 0.013 | 1.1637 | 1.1767 |
| 122.8 | 0.7249 | 0 | 1.1676 | 1.1676 |
| 122.8333 | 0.7269 | 0 | 1.1611 | 1.1611 |
| 122.8667 | 0.7236 | 0 | 1.1624 | 1.1624 |
| 122.9 | 0.7249 | 0.013 | 1.1624 | 1.1754 |
| 122.9333 | 0.7249 | 0.013 | 1.1663 | 1.1794 |
| 122.9667 | 0.7292 | 0 | 1.165 | 1.165 |
| 123 | 0.7255 | 0.013 | 1.165 | 1.1781 |
| 123.0333 | 0.7262 | 0 | 1.1663 | 1.1663 |
| 123.0667 | 0.7265 | 0 | 1.1611 | 1.1611 |
| 123.1 | 0.7275 | 0.013 | 1.165 | 1.1781 |
| 123.1333 | 0.7288 | 0.0262 | 1.1624 | 1.1886 |
| 123.1667 | 0.7278 | 0 | 1.1624 | 1.1624 |
| 123.2 | 0.7278 | 0.013 | 1.1637 | 1.1767 |
| 123.2333 | 0.7265 | 0.013 | 1.1558 | 1.1689 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 123.2667 | 0.7301 | 0.0262 | 1.1571 | 1.1833 |
| 123.3 | 0.7262 | 0.013 | 1.1624 | 1.1754 |
| 123.3333 | 0.7292 | 0 | 1.1584 | 1.1584 |
| 123.3667 | 0.7272 | 0.013 | 1.1571 | 1.1702 |
| 123.4 | 0.7262 | 0.013 | 1.1611 | 1.1741 |
| 123.4333 | 0.7292 | 0.013 | 1.1624 | 1.1754 |
| 123.4667 | 0.7278 | 0 | 1.1637 | 1.1637 |
| 123.5 | 0.7298 | 0.013 | 1.1598 | 1.1728 |
| 123.5333 | 0.7288 | 0.0262 | 1.1624 | 1.1886 |
| 123.5667 | 0.7272 | 0.013 | 1.1558 | 1.1689 |
| 123.6 | 0.7292 | 0 | 1.1624 | 1.1624 |
| 123.6333 | 0.7269 | 0.013 | 1.1571 | 1.1702 |
| 123.6667 | 0.7285 | 0 | 1.1571 | 1.1571 |
| 123.7 | 0.7301 | 0.013 | 1.1584 | 1.1715 |
| 123.7333 | 0.7255 | 0 | 1.1558 | 1.1558 |
| 123.7667 | 0.7298 | 0.013 | 1.1558 | 1.1689 |
| 123.8 | 0.7282 | 0 | 1.1506 | 1.1506 |
| 123.8333 | 0.7278 | 0.013 | 1.1558 | 1.1689 |
| 123.8667 | 0.7301 | 0 | 1.1545 | 1.1545 |
| 123.9 | 0.7288 | 0 | 1.1558 | 1.1558 |
| 123.9333 | 0.7298 | 0 | 1.1598 | 1.1598 |
| 123.9667 | 0.7295 | 0.013 | 1.1598 | 1.1728 |
| 124 | 0.7328 | 0 | 1.1598 | 1.1598 |
| 124.0333 | 0.7288 | 0.013 | 1.1624 | 1.1754 |
| 124.0667 | 0.7301 | 0.013 | 1.1611 | 1.1741 |
| 124.1 | 0.7311 | 0.013 | 1.1637 | 1.1767 |
| 124.1333 | 0.7292 | 0.013 | 1.1663 | 1.1794 |
| 124.1667 | 0.7305 | 0.013 | 1.1637 | 1.1767 |
| 124.2 | 0.7288 | 0.0262 | 1.1598 | 1.186 |
| 124.2333 | 0.7301 | 0 | 1.165 | 1.165 |
| 124.2667 | 0.7298 | 0.013 | 1.1676 | 1.1807 |
| 124.3 | 0.7308 | 0 | 1.1663 | 1.1663 |
| 124.3333 | 0.7318 | 0.0262 | 1.1663 | 1.1925 |
| 124.3667 | 0.7278 | 0 | 1.1716 | 1.1716 |
| 124.4 | 0.7308 | 0.0262 | 1.1716 | 1.1978 |
| 124.4333 | 0.7288 | 0.013 | 1.1663 | 1.1794 |
| 124.4667 | 0.7298 | 0.0262 | 1.169 | 1.1952 |
| 124.5 | 0.7298 | 0 | 1.169 | 1.169 |
| 124.5333 | 0.7301 | 0 | 1.1663 | 1.1663 |
| 124.5667 | 0.7315 | 0.013 | 1.1663 | 1.1794 |
| 124.6 | 0.7305 | 0.013 | 1.169 | 1.182 |
| 124.6333 | 0.7275 | 0 | 1.1663 | 1.1663 |
| 124.6667 | 0.7288 | 0 | 1.169 | 1.169 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 124.7 | 0.7298 | 0 | 1.1663 | 1.1663 |
| 124.7333 | 0.7321 | 0.013 | 1.1624 | 1.1754 |
| 124.7667 | 0.7324 | 0.013 | 1.1637 | 1.1767 |
| 124.8 | 0.7321 | 0.013 | 1.1637 | 1.1767 |
| 124.8333 | 0.7341 | 0.013 | 1.165 | 1.1781 |
| 124.8667 | 0.7292 | 0 | 1.1624 | 1.1624 |
| 124.9 | 0.7305 | 0.013 | 1.1624 | 1.1754 |
| 124.9333 | 0.7341 | 0.013 | 1.1703 | 1.1833 |
| 124.9667 | 0.7308 | 0.0262 | 1.1703 | 1.1965 |
| 125 | 0.7331 | 0.013 | 1.1676 | 1.1807 |
| 125.0333 | 0.7315 | 0.013 | 1.1663 | 1.1794 |
| 125.0667 | 0.7301 | 0.013 | 1.1703 | 1.1833 |
| 125.1 | 0.7328 | 0.013 | 1.165 | 1.1781 |
| 125.1333 | 0.7295 | 0 | 1.1716 | 1.1716 |
| 125.1667 | 0.7354 | 0.0262 | 1.1676 | 1.1938 |
| 125.2 | 0.7331 | 0.013 | 1.1676 | 1.1807 |
| 125.2333 | 0.7308 | 0 | 1.169 | 1.169 |
| 125.2667 | 0.7301 | 0.0262 | 1.1716 | 1.1978 |
| 125.3 | 0.7328 | 0 | 1.169 | 1.169 |
| 125.3333 | 0.7328 | 0.013 | 1.1703 | 1.1833 |
| 125.3667 | 0.7331 | 0 | 1.1676 | 1.1676 |
| 125.4 | 0.7331 | 0.013 | 1.1716 | 1.1846 |
| 125.4333 | 0.7315 | 0.0262 | 1.1676 | 1.1938 |
| 125.4667 | 0.7338 | 0 | 1.1676 | 1.1676 |
| 125.5 | 0.7354 | 0 | 1.1703 | 1.1703 |
| 125.5333 | 0.7341 | 0 | 1.1624 | 1.1624 |
| 125.5667 | 0.7321 | 0 | 1.169 | 1.169 |
| 125.6 | 0.7315 | 0.0262 | 1.169 | 1.1952 |
| 125.6333 | 0.7331 | 0 | 1.1676 | 1.1676 |
| 125.6667 | 0.7321 | 0.0262 | 1.1716 | 1.1978 |
| 125.7 | 0.7334 | 0 | 1.1637 | 1.1637 |
| 125.7333 | 0.7348 | 0 | 1.1755 | 1.1755 |
| 125.7667 | 0.7348 | 0.013 | 1.1716 | 1.1846 |
| 125.8 | 0.7354 | 0.013 | 1.1676 | 1.1807 |
| 125.8333 | 0.7361 | 0 | 1.1716 | 1.1716 |
| 125.8667 | 0.7377 | 0 | 1.1716 | 1.1716 |
| 125.9 | 0.7341 | 0 | 1.1755 | 1.1755 |
| 125.9333 | 0.7371 | 0.013 | 1.1703 | 1.1833 |
| 125.9667 | 0.7344 | 0 | 1.1663 | 1.1663 |
| 126 | 0.7328 | 0 | 1.1729 | 1.1729 |
| 126.0333 | 0.7351 | 0 | 1.1729 | 1.1729 |
| 126.0667 | 0.7334 | 0.013 | 1.1742 | 1.1873 |
| 126.1 | 0.7344 | 0.0262 | 1.1729 | 1.1991 |

Areva NP Inc.

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September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 126.1333 | 0.7357 | 0 | 1.1755 | 1.1755 |
| 126.1667 | 0.7334 | 0 | 1.1742 | 1.1742 |
| 126.2 | 0.7341 | 0.013 | 1.1769 | 1.1899 |
| 126.2333 | 0.7351 | 0.013 | 1.1729 | 1.186 |
| 126.2667 | 0.7324 | 0 | 1.1755 | 1.1755 |
| 126.3 | 0.7338 | 0.0262 | 1.1755 | 1.2017 |
| 126.3333 | 0.7324 | 0 | 1.1769 | 1.1769 |
| 126.3667 | 0.7351 | 0.0262 | 1.1755 | 1.2017 |
| 126.4 | 0.7357 | 0.013 | 1.1769 | 1.1899 |
| 126.4333 | 0.7374 | 0 | 1.1755 | 1.1755 |
| 126.4667 | 0.7364 | 0.013 | 1.1716 | 1.1846 |
| 126.5 | 0.7351 | 0 | 1.1769 | 1.1769 |
| 126.5333 | 0.7351 | 0.013 | 1.1769 | 1.1899 |
| 126.5667 | 0.7364 | 0 | 1.1769 | 1.1769 |
| 126.6 | 0.7374 | 0.013 | 1.1769 | 1.1899 |
| 126.6333 | 0.739 | 0 | 1.1742 | 1.1742 |
| 126.6667 | 0.7367 | 0.013 | 1.1716 | 1.1846 |
| 126.7 | 0.7374 | 0 | 1.1755 | 1.1755 |
| 126.7333 | 0.742 | 0 | 1.1729 | 1.1729 |
| 126.7667 | 0.7361 | 0.013 | 1.1716 | 1.1846 |
| 126.8 | 0.7354 | 0.0262 | 1.1716 | 1.1978 |
| 126.8333 | 0.7344 | 0.013 | 1.1703 | 1.1833 |
| 126.8667 | 0.7377 | 0.013 | 1.1703 | 1.1833 |
| 126.9 | 0.7354 | 0.013 | 1.1742 | 1.1873 |
| 126.9333 | 0.7357 | 0 | 1.1676 | 1.1676 |
| 126.9667 | 0.7374 | 0.013 | 1.1755 | 1.1886 |
| 127 | 0.7341 | 0 | 1.1742 | 1.1742 |
| 127.0333 | 0.738 | 0.0262 | 1.1769 | 1.203 |
| 127.0667 | 0.7348 | 0 | 1.1769 | 1.1769 |
| 127.1 | 0.7357 | 0.013 | 1.1742 | 1.1873 |
| 127.1333 | 0.7348 | 0.013 | 1.1755 | 1.1886 |
| 127.1667 | 0.7361 | 0.013 | 1.1703 | 1.1833 |
| 127.2 | 0.7361 | 0.013 | 1.1782 | 1.1912 |
| 127.2333 | 0.7367 | 0 | 1.1782 | 1.1782 |
| 127.2667 | 0.7371 | 0.013 | 1.1769 | 1.1899 |
| 127.3 | 0.7357 | 0.013 | 1.1769 | 1.1899 |
| 127.3333 | 0.7364 | 0 | 1.1742 | 1.1742 |
| 127.3667 | 0.7377 | 0 | 1.1729 | 1.1729 |
| 127.4 | 0.7371 | 0.0262 | 1.1755 | 1.2017 |
| 127.4333 | 0.738 | 0 | 1.1795 | 1.1795 |
| 127.4667 | 0.7367 | 0.0262 | 1.1834 | 1.2096 |
| 127.5 | 0.7394 | 0 | 1.1755 | 1.1755 |
| 127.5333 | 0.7364 | 0 | 1.1769 | 1.1769 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 127.5667 | 0.738 | 0 | 1.1795 | 1.1795 |
| 127.6 | 0.738 | 0.0262 | 1.1782 | 1.2044 |
| 127.6333 | 0.7394 | 0.013 | 1.1847 | 1.1978 |
| 127.6667 | 0.7367 | 0.013 | 1.1821 | 1.1952 |
| 127.7 | 0.7357 | 0.013 | 1.1821 | 1.1952 |
| 127.7333 | 0.7354 | 0.013 | 1.1847 | 1.1978 |
| 127.7667 | 0.7341 | 0.013 | 1.1847 | 1.1978 |
| 127.8 | 0.7387 | 0 | 1.1821 | 1.1821 |
| 127.8333 | 0.7321 | 0.013 | 1.1847 | 1.1978 |
| 127.8667 | 0.7357 | 0.013 | 1.1847 | 1.1978 |
| 127.9 | 0.7354 | 0.013 | 1.1808 | 1.1938 |
| 127.9333 | 0.7351 | 0 | 1.1782 | 1.1782 |
| 127.9667 | 0.7367 | 0.0393 | 1.1821 | 1.2215 |
| 128 | 0.7354 | 0 | 1.1847 | 1.1847 |
| 128.0333 | 0.7364 | 0 | 1.1808 | 1.1808 |
| 128.0667 | 0.7328 | 0.013 | 1.1834 | 1.1965 |
| 128.1 | 0.7331 | 0 | 1.1847 | 1.1847 |
| 128.1333 | 0.7344 | 0 | 1.1795 | 1.1795 |
| 128.1667 | 0.7374 | 0.013 | 1.1834 | 1.1965 |
| 128.2 | 0.7384 | 0.013 | 1.1847 | 1.1978 |
| 128.2333 | 0.7371 | 0.0262 | 1.1834 | 1.2096 |
| 128.2667 | 0.7357 | 0 | 1.1808 | 1.1808 |
| 128.3 | 0.7354 | 0.013 | 1.1821 | 1.1952 |
| 128.3333 | 0.7361 | 0.0393 | 1.1847 | 1.2241 |
| 128.3667 | 0.7348 | 0.0262 | 1.1834 | 1.2096 |
| 128.4 | 0.7351 | 0.0262 | 1.1861 | 1.2123 |
| 128.4333 | 0.7318 | 0 | 1.1874 | 1.1874 |
| 128.4667 | 0.7315 | 0 | 1.1847 | 1.1847 |
| 128.5 | 0.7328 | 0.0262 | 1.1834 | 1.2096 |
| 128.5333 | 0.7318 | 0 | 1.1729 | 1.1729 |
| 128.5667 | 0.7334 | 0.013 | 1.1795 | 1.1925 |
| 128.6 | 0.7344 | 0 | 1.1769 | 1.1769 |
| 128.6333 | 0.7318 | 0.013 | 1.1821 | 1.1952 |
| 128.6667 | 0.7311 | 0 | 1.1795 | 1.1795 |
| 128.7 | 0.7308 | 0.013 | 1.1795 | 1.1925 |
| 128.7333 | 0.7308 | 0 | 1.1808 | 1.1808 |
| 128.7667 | 0.7308 | 0.013 | 1.1808 | 1.1938 |
| 128.8 | 0.7288 | 0.013 | 1.1795 | 1.1925 |
| 128.8333 | 0.7308 | 0.013 | 1.1769 | 1.1899 |
| 128.8667 | 0.7321 | 0 | 1.1729 | 1.1729 |
| 128.9 | 0.7334 | 0.0262 | 1.1782 | 1.2044 |
| 128.9333 | 0.7315 | 0.013 | 1.1729 | 1.186 |
| 128.9667 | 0.7338 | 0 | 1.1769 | 1.1769 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 129 | 0.7341 | 0.013 | 1.1782 | 1.1912 |
| 129.0333 | 0.7311 | 0.0262 | 1.1782 | 1.2044 |
| 129.0667 | 0.7315 | 0.013 | 1.1703 | 1.1833 |
| 129.1 | 0.7311 | 0 | 1.1782 | 1.1782 |
| 129.1333 | 0.7321 | 0.013 | 1.1755 | 1.1886 |
| 129.1667 | 0.7321 | 0 | 1.1769 | 1.1769 |
| 129.2 | 0.7311 | 0 | 1.1782 | 1.1782 |
| 129.2333 | 0.7288 | 0 | 1.1769 | 1.1769 |
| 129.2667 | 0.7315 | 0.013 | 1.1755 | 1.1886 |
| 129.3 | 0.7298 | 0.013 | 1.169 | 1.182 |
| 129.3333 | 0.7301 | 0.013 | 1.1729 | 1.186 |
| 129.3667 | 0.7295 | 0 | 1.1769 | 1.1769 |
| 129.4 | 0.7311 | 0.013 | 1.1795 | 1.1925 |
| 129.4333 | 0.7272 | 0.013 | 1.1755 | 1.1886 |
| 129.4667 | 0.7282 | 0 | 1.1808 | 1.1808 |
| 129.5 | 0.7301 | 0.013 | 1.1769 | 1.1899 |
| 129.5333 | 0.7298 | 0.013 | 1.1755 | 1.1886 |
| 129.5667 | 0.7301 | 0.013 | 1.1742 | 1.1873 |
| 129.6 | 0.7278 | 0 | 1.1755 | 1.1755 |
| 129.6333 | 0.7288 | 0.013 | 1.1755 | 1.1886 |
| 129.6667 | 0.7292 | 0 | 1.1782 | 1.1782 |
| 129.7 | 0.7278 | 0.013 | 1.1795 | 1.1925 |
| 129.7333 | 0.7262 | 0.013 | 1.1769 | 1.1899 |
| 129.7667 | 0.7301 | 0 | 1.1716 | 1.1716 |
| 129.8 | 0.7278 | 0 | 1.1742 | 1.1742 |
| 129.8333 | 0.7282 | 0.013 | 1.169 | 1.182 |
| 129.8667 | 0.7255 | 0.013 | 1.1716 | 1.1846 |
| 129.9 | 0.7272 | 0 | 1.1755 | 1.1755 |
| 129.9333 | 0.7262 | 0.0262 | 1.1742 | 1.2004 |
| 129.9667 | 0.7298 | 0.013 | 1.1716 | 1.1846 |
| 130 | 0.7292 | 0.0393 | 1.1782 | 1.2175 |
| 130.0333 | 0.7275 | 0.013 | 1.1769 | 1.1899 |
| 130.0667 | 0.7288 | 0 | 1.1808 | 1.1808 |
| 130.1 | 0.7269 | 0.013 | 1.1808 | 1.1938 |
| 130.1333 | 0.7245 | 0.013 | 1.1795 | 1.1925 |
| 130.1667 | 0.7282 | 0 | 1.1808 | 1.1808 |
| 130.2 | 0.7285 | 0.013 | 1.1808 | 1.1938 |
| 130.2333 | 0.7265 | 0 | 1.1795 | 1.1795 |
| 130.2667 | 0.7272 | 0.013 | 1.1821 | 1.1952 |
| 130.3 | 0.7269 | 0 | 1.1742 | 1.1742 |
| 130.3333 | 0.7272 | 0.013 | 1.1769 | 1.1899 |
| 130.3667 | 0.7245 | 0 | 1.1808 | 1.1808 |
| 130.4 | 0.7272 | 0.0262 | 1.1808 | 1.207 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 130.4333 | 0.7229 | 0 | 1.1769 | 1.1769 |
| 130.4667 | 0.7269 | 0 | 1.1782 | 1.1782 |
| 130.5 | 0.7249 | 0.013 | 1.1808 | 1.1938 |
| 130.5333 | 0.7252 | 0 | 1.1821 | 1.1821 |
| 130.5667 | 0.7259 | 0.013 | 1.1742 | 1.1873 |
| 130.6 | 0.7229 | 0 | 1.1782 | 1.1782 |
| 130.6333 | 0.7252 | 0 | 1.1808 | 1.1808 |
| 130.6667 | 0.7252 | 0.013 | 1.1821 | 1.1952 |
| 130.7 | 0.7252 | 0.013 | 1.1769 | 1.1899 |
| 130.7333 | 0.7245 | 0.0262 | 1.1795 | 1.2057 |
| 130.7667 | 0.7222 | 0.013 | 1.1821 | 1.1952 |
| 130.8 | 0.7239 | 0 | 1.1821 | 1.1821 |
| 130.8333 | 0.7236 | 0 | 1.1847 | 1.1847 |
| 130.8667 | 0.7269 | 0 | 1.1847 | 1.1847 |
| 130.9 | 0.7239 | 0 | 1.1887 | 1.1887 |
| 130.9333 | 0.7226 | 0.013 | 1.1861 | 1.1991 |
| 130.9667 | 0.7252 | 0 | 1.1861 | 1.1861 |
| 131 | 0.7213 | 0.0262 | 1.1834 | 1.2096 |
| 131.0333 | 0.7259 | 0.0262 | 1.1847 | 1.2109 |
| 131.0667 | 0.7236 | 0.013 | 1.1834 | 1.1965 |
| 131.1 | 0.7213 | 0 | 1.1847 | 1.1847 |
| 131.1333 | 0.7206 | 0.013 | 1.1874 | 1.2004 |
| 131.1667 | 0.7245 | 0.013 | 1.1834 | 1.1965 |
| 131.2 | 0.7226 | 0.013 | 1.1821 | 1.1952 |
| 131.2333 | 0.7239 | 0 | 1.1834 | 1.1834 |
| 131.2667 | 0.7232 | 0.013 | 1.1861 | 1.1991 |
| 131.3 | 0.7242 | 0 | 1.1874 | 1.1874 |
| 131.3333 | 0.7226 | 0.0262 | 1.1834 | 1.2096 |
| 131.3667 | 0.7242 | 0.013 | 1.1847 | 1.1978 |
| 131.4 | 0.7262 | 0 | 1.1861 | 1.1861 |
| 131.4333 | 0.7252 | 0 | 1.1874 | 1.1874 |
| 131.4667 | 0.7219 | 0.0262 | 1.1834 | 1.2096 |
| 131.5 | 0.7242 | 0 | 1.1795 | 1.1795 |
| 131.5333 | 0.7219 | 0.0262 | 1.1769 | 1.203 |
| 131.5667 | 0.7232 | 0.013 | 1.19 | 1.203 |
| 131.6 | 0.7213 | 0.013 | 1.1466 | 1.1597 |
| 131.6333 | 0.7229 | 0 | 1.1782 | 1.1782 |
| 131.6667 | 0.7199 | 0.0262 | 1.1834 | 1.2096 |
| 131.7 | 0.7193 | 0 | 1.1821 | 1.1821 |
| 131.7333 | 0.7222 | 0.013 | 1.1742 | 1.1873 |
| 131.7667 | 0.7222 | 0 | 1.1729 | 1.1729 |
| 131.8 | 0.7219 | 0.013 | 1.215 | 1.228 |
| 131.8333 | 0.7229 | 0.013 | 1.1716 | 1.1846 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 131.8667 | 0.7213 | 0 | 1.1834 | 1.1834 |
| 131.9 | 0.7213 | 0.013 | 1.1874 | 1.2004 |
| 131.9333 | 0.7222 | 0.0262 | 1.1887 | 1.2149 |
| 131.9667 | 0.7209 | 0 | 1.1729 | 1.1729 |
| 132 | 0.7213 | 0.0262 | 1.1676 | 1.1938 |
| 132.0333 | 0.7186 | 0.013 | 1.1755 | 1.1886 |
| 132.0667 | 0.7229 | 0.013 | 1.1729 | 1.186 |
| 132.1 | 0.7206 | 0.013 | 1.1676 | 1.1807 |
| 132.1333 | 0.7209 | 0 | 1.1755 | 1.1755 |
| 132.1667 | 0.7229 | 0 | 1.1729 | 1.1729 |
| 132.2 | 0.7245 | 0 | 1.1716 | 1.1716 |
| 132.2333 | 0.7219 | 0.0262 | 1.1716 | 1.1978 |
| 132.2667 | 0.7186 | 0.013 | 1.1755 | 1.1886 |
| 132.3 | 0.7239 | 0 | 1.1676 | 1.1676 |
| 132.3333 | 0.7203 | 0 | 1.1716 | 1.1716 |
| 132.3667 | 0.7222 | 0 | 1.1742 | 1.1742 |
| 132.4 | 0.7199 | 0.0262 | 1.1742 | 1.2004 |
| 132.4333 | 0.7196 | 0 | 1.1676 | 1.1676 |
| 132.4667 | 0.7209 | 0 | 1.1676 | 1.1676 |
| 132.5 | 0.7196 | 0 | 1.169 | 1.169 |
| 132.5333 | 0.7193 | 0.013 | 1.1703 | 1.1833 |
| 132.5667 | 0.7216 | 0 | 1.1676 | 1.1676 |
| 132.6 | 0.7203 | 0 | 1.169 | 1.169 |
| 132.6333 | 0.7219 | 0 | 1.169 | 1.169 |
| 132.6667 | 0.7232 | 0 | 1.1676 | 1.1676 |
| 132.7 | 0.7203 | 0.013 | 1.1663 | 1.1794 |
| 132.7333 | 0.7176 | 0 | 1.1703 | 1.1703 |
| 132.7667 | 0.7209 | 0 | 1.1742 | 1.1742 |
| 132.8 | 0.7203 | 0.013 | 1.1663 | 1.1794 |
| 132.8333 | 0.718 | 0.0393 | 1.1663 | 1.2057 |
| 132.8667 | 0.7222 | 0 | 1.1742 | 1.1742 |
| 132.9 | 0.7203 | 0 | 1.1676 | 1.1676 |
| 132.9333 | 0.7183 | 0 | 1.1716 | 1.1716 |
| 132.9667 | 0.7166 | 0 | 1.1729 | 1.1729 |
| 133 | 0.7163 | 0 | 1.1703 | 1.1703 |
| 133.0333 | 0.7196 | 0 | 1.1716 | 1.1716 |
| 133.0667 | 0.7186 | 0.0262 | 1.1874 | 1.2136 |
| 133.1 | 0.717 | 0 | 1.169 | 1.169 |
| 133.1333 | 0.7173 | 0.013 | 1.169 | 1.182 |
| 133.1667 | 0.719 | 0.013 | 1.1676 | 1.1807 |
| 133.2 | 0.7183 | 0 | 1.1703 | 1.1703 |
| 133.2333 | 0.715 | 0 | 1.165 | 1.165 |
| 133.2667 | 0.719 | 0.0262 | 1.1663 | 1.1925 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 133.3 | 0.718 | 0 | 1.169 | 1.169 |
| 133.3333 | 0.719 | 0 | 1.1742 | 1.1742 |
| 133.3667 | 0.716 | 0 | 1.1755 | 1.1755 |
| 133.4 | 0.7176 | 0 | 1.1703 | 1.1703 |
| 133.4333 | 0.7193 | 0.013 | 1.1729 | 1.186 |
| 133.4667 | 0.7157 | 0 | 1.1729 | 1.1729 |
| 133.5 | 0.7166 | 0 | 1.1742 | 1.1742 |
| 133.5333 | 0.7173 | 0.013 | 1.1769 | 1.1899 |
| 133.5667 | 0.718 | 0.013 | 1.1755 | 1.1886 |
| 133.6 | 0.7157 | 0.013 | 1.1729 | 1.186 |
| 133.6333 | 0.719 | 0 | 1.1755 | 1.1755 |
| 133.6667 | 0.7163 | 0.0262 | 1.1755 | 1.2017 |
| 133.7 | 0.7176 | 0.013 | 1.1755 | 1.1886 |
| 133.7333 | 0.715 | 0 | 1.1795 | 1.1795 |
| 133.7667 | 0.716 | 0 | 1.1769 | 1.1769 |
| 133.8 | 0.716 | 0.0262 | 1.1795 | 1.2057 |
| 133.8333 | 0.719 | 0.013 | 1.1755 | 1.1886 |
| 133.8667 | 0.716 | 0 | 1.1795 | 1.1795 |
| 133.9 | 0.7163 | 0 | 1.1808 | 1.1808 |
| 133.9333 | 0.717 | 0 | 1.1755 | 1.1755 |
| 133.9667 | 0.7173 | 0 | 1.1769 | 1.1769 |
| 134 | 0.7176 | 0 | 1.1769 | 1.1769 |
| 134.0333 | 0.7176 | 0 | 1.1795 | 1.1795 |
| 134.0667 | 0.716 | 0 | 1.1847 | 1.1847 |
| 134.1 | 0.718 | 0 | 1.1821 | 1.1821 |
| 134.1333 | 0.7183 | 0.013 | 1.1821 | 1.1952 |
| 134.1667 | 0.7183 | 0.013 | 1.1834 | 1.1965 |
| 134.2 | 0.7147 | 0.013 | 1.1782 | 1.1912 |
| 134.2333 | 0.715 | 0.0262 | 1.1821 | 1.2083 |
| 134.2667 | 0.716 | 0 | 1.1808 | 1.1808 |
| 134.3 | 0.7157 | 0 | 1.1847 | 1.1847 |
| 134.3333 | 0.7137 | 0.013 | 1.1769 | 1.1899 |
| 134.3667 | 0.7163 | 0 | 1.1821 | 1.1821 |
| 134.4 | 0.7157 | 0.013 | 1.1782 | 1.1912 |
| 134.4333 | 0.718 | 0.013 | 1.1769 | 1.1899 |
| 134.4667 | 0.7186 | 0 | 1.1742 | 1.1742 |
| 134.5 | 0.716 | 0 | 1.1821 | 1.1821 |
| 134.5333 | 0.7173 | 0.013 | 1.1782 | 1.1912 |
| 134.5667 | 0.7173 | 0 | 1.1795 | 1.1795 |
| 134.6 | 0.7157 | 0 | 1.1834 | 1.1834 |
| 134.6333 | 0.714 | 0 | 1.1861 | 1.1861 |
| 134.6667 | 0.7176 | 0 | 1.1847 | 1.1847 |
| 134.7 | 0.718 | 0 | 1.1808 | 1.1808 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 134.7333 | 0.7173 | 0 | 1.1821 | 1.1821 |
| 134.7667 | 0.7153 | 0.013 | 1.1821 | 1.1952 |
| 134.8 | 0.713 | 0.013 | 1.1795 | 1.1925 |
| 134.8333 | 0.7147 | 0.0262 | 1.1821 | 1.2083 |
| 134.8667 | 0.7134 | 0 | 1.1887 | 1.1887 |
| 134.9 | 0.7173 | 0 | 1.1821 | 1.1821 |
| 134.9333 | 0.712 | 0.013 | 1.1782 | 1.1912 |
| 134.9667 | 0.716 | 0 | 1.1769 | 1.1769 |
| 135 | 0.715 | 0 | 1.1795 | 1.1795 |
| 135.0333 | 0.715 | 0.013 | 1.1808 | 1.1938 |
| 135.0667 | 0.7134 | 0.013 | 1.1782 | 1.1912 |
| 135.1 | 0.713 | 0 | 1.1808 | 1.1808 |
| 135.1333 | 0.7137 | 0.013 | 1.1887 | 1.2017 |
| 135.1667 | 0.7153 | 0.013 | 1.1834 | 1.1965 |
| 135.2 | 0.7143 | 0 | 1.1861 | 1.1861 |
| 135.2333 | 0.7134 | 0 | 1.1821 | 1.1821 |
| 135.2667 | 0.7137 | 0.013 | 1.1834 | 1.1965 |
| 135.3 | 0.7117 | 0.013 | 1.1821 | 1.1952 |
| 135.3333 | 0.7124 | 0.013 | 1.1847 | 1.1978 |
| 135.3667 | 0.713 | 0 | 1.1834 | 1.1834 |
| 135.4 | 0.7147 | 0.013 | 1.1847 | 1.1978 |
| 135.4333 | 0.7134 | 0 | 1.1821 | 1.1821 |
| 135.4667 | 0.7147 | 0 | 1.1782 | 1.1782 |
| 135.5 | 0.7097 | 0 | 1.1808 | 1.1808 |
| 135.5333 | 0.7127 | 0 | 1.1795 | 1.1795 |
| 135.5667 | 0.7147 | 0.013 | 1.1795 | 1.1925 |
| 135.6 | 0.7153 | 0.013 | 1.1861 | 1.1991 |
| 135.6333 | 0.7114 | 0 | 1.1847 | 1.1847 |
| 135.6667 | 0.714 | 0.013 | 1.1808 | 1.1938 |
| 135.7 | 0.7124 | 0.013 | 1.1808 | 1.1938 |
| 135.7333 | 0.7157 | 0.013 | 1.1874 | 1.2004 |
| 135.7667 | 0.7147 | 0.013 | 1.1834 | 1.1965 |
| 135.8 | 0.7097 | 0.0262 | 1.1847 | 1.2109 |
| 135.8333 | 0.7114 | 0.013 | 1.1808 | 1.1938 |
| 135.8667 | 0.712 | 0 | 1.1874 | 1.1874 |
| 135.9 | 0.7107 | 0 | 1.1782 | 1.1782 |
| 135.9333 | 0.7147 | 0.013 | 1.1861 | 1.1991 |
| 135.9667 | 0.7107 | 0.013 | 1.1808 | 1.1938 |
| 136 | 0.7143 | 0.013 | 1.1821 | 1.1952 |
| 136.0333 | 0.7137 | 0.013 | 1.1861 | 1.1991 |
| 136.0667 | 0.7137 | 0 | 1.1834 | 1.1834 |
| 136.1 | 0.7124 | 0.013 | 1.1834 | 1.1965 |
| 136.1333 | 0.7104 | 0.013 | 1.1808 | 1.1938 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 136.1667 | 0.7107 | 0 | 1.1808 | 1.1808 |
| 136.2 | 0.7134 | 0.013 | 1.1847 | 1.1978 |
| 136.2333 | 0.7147 | 0.013 | 1.1808 | 1.1938 |
| 136.2667 | 0.7134 | 0.013 | 1.1795 | 1.1925 |
| 136.3 | 0.7134 | 0 | 1.1821 | 1.1821 |
| 136.3333 | 0.7147 | 0 | 1.1795 | 1.1795 |
| 136.3667 | 0.7143 | 0.013 | 1.1834 | 1.1965 |
| 136.4 | 0.7117 | 0.013 | 1.1821 | 1.1952 |
| 136.4333 | 0.7097 | 0.013 | 1.1755 | 1.1886 |
| 136.4667 | 0.7104 | 0 | 1.1782 | 1.1782 |
| 136.5 | 0.712 | 0 | 1.1861 | 1.1861 |
| 136.5333 | 0.712 | 0 | 1.1795 | 1.1795 |
| 136.5667 | 0.7134 | 0.013 | 1.1847 | 1.1978 |
| 136.6 | 0.7107 | 0.013 | 1.1847 | 1.1978 |
| 136.6333 | 0.714 | 0 | 1.1808 | 1.1808 |
| 136.6667 | 0.7084 | 0.0262 | 1.1834 | 1.2096 |
| 136.7 | 0.7094 | 0 | 1.1861 | 1.1861 |
| 136.7333 | 0.7114 | 0 | 1.1834 | 1.1834 |
| 136.7667 | 0.7097 | 0.013 | 1.1808 | 1.1938 |
| 136.8 | 0.7124 | 0.013 | 1.1834 | 1.1965 |
| 136.8333 | 0.7101 | 0 | 1.1834 | 1.1834 |
| 136.8667 | 0.7097 | 0.013 | 1.1821 | 1.1952 |
| 136.9 | 0.7114 | 0.013 | 1.1808 | 1.1938 |
| 136.9333 | 0.7114 | 0.013 | 1.1808 | 1.1938 |
| 136.9667 | 0.7084 | 0 | 1.1821 | 1.1821 |
| 137 | 0.7127 | 0 | 1.1808 | 1.1808 |
| 137.0333 | 0.7117 | 0.013 | 1.1834 | 1.1965 |
| 137.0667 | 0.7147 | 0 | 1.1834 | 1.1834 |
| 137.1 | 0.7087 | 0 | 1.1821 | 1.1821 |
| 137.1333 | 0.7081 | 0 | 1.1808 | 1.1808 |
| 137.1667 | 0.7101 | 0 | 1.1795 | 1.1795 |
| 137.2 | 0.7134 | 0.0262 | 1.1821 | 1.2083 |
| 137.2333 | 0.7111 | 0 | 1.1808 | 1.1808 |
| 137.2667 | 0.7071 | 0 | 1.1821 | 1.1821 |
| 137.3 | 0.7117 | 0.013 | 1.1821 | 1.1952 |
| 137.3333 | 0.7091 | 0 | 1.1782 | 1.1782 |
| 137.3667 | 0.7117 | 0 | 1.1821 | 1.1821 |
| 137.4 | 0.7084 | 0.013 | 1.1834 | 1.1965 |
| 137.4333 | 0.7107 | 0 | 1.1742 | 1.1742 |
| 137.4667 | 0.7111 | 0.0262 | 1.1755 | 1.2017 |
| 137.5 | 0.7058 | 0.0262 | 1.1782 | 1.2044 |
| 137.5333 | 0.7101 | 0.0393 | 1.1769 | 1.2162 |
| 137.5667 | 0.7101 | 0 | 1.1769 | 1.1769 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 137.6 | 0.7068 | 0.013 | 1.1808 | 1.1938 |
| 137.6333 | 0.712 | 0 | 1.1742 | 1.1742 |
| 137.6667 | 0.7091 | 0 | 1.1742 | 1.1742 |
| 137.7 | 0.7064 | 0.0262 | 1.1808 | 1.207 |
| 137.7333 | 0.7111 | 0.013 | 1.1729 | 1.186 |
| 137.7667 | 0.7117 | 0.013 | 1.1782 | 1.1912 |
| 137.8 | 0.7068 | 0 | 1.1729 | 1.1729 |
| 137.8333 | 0.7104 | 0 | 1.1769 | 1.1769 |
| 137.8667 | 0.712 | 0.013 | 1.1716 | 1.1846 |
| 137.9 | 0.7097 | 0 | 1.1716 | 1.1716 |
| 137.9333 | 0.7111 | 0 | 1.1729 | 1.1729 |
| 137.9667 | 0.7104 | 0.013 | 1.1703 | 1.1833 |
| 138 | 0.7087 | 0.013 | 1.1742 | 1.1873 |
| 138.0333 | 0.7097 | 0.0262 | 1.165 | 1.1912 |
| 138.0667 | 0.7084 | 0.013 | 1.1703 | 1.1833 |
| 138.1 | 0.7087 | 0 | 1.1703 | 1.1703 |
| 138.1333 | 0.7084 | 0.013 | 1.1716 | 1.1846 |
| 138.1667 | 0.7087 | 0.013 | 1.1716 | 1.1846 |
| 138.2 | 0.7084 | 0 | 1.169 | 1.169 |
| 138.2333 | 0.7087 | 0.0262 | 1.1742 | 1.2004 |
| 138.2667 | 0.7081 | 0.013 | 1.1703 | 1.1833 |
| 138.3 | 0.7097 | 0 | 1.1703 | 1.1703 |
| 138.3333 | 0.7064 | 0 | 1.169 | 1.169 |
| 138.3667 | 0.7078 | 0.013 | 1.1716 | 1.1846 |
| 138.4 | 0.7078 | 0.0262 | 1.1703 | 1.1965 |
| 138.4333 | 0.7081 | 0.013 | 1.169 | 1.182 |
| 138.4667 | 0.7094 | 0 | 1.1676 | 1.1676 |
| 138.5 | 0.7101 | 0.013 | 1.1637 | 1.1767 |
| 138.5333 | 0.7101 | 0 | 1.1716 | 1.1716 |
| 138.5667 | 0.7078 | 0.013 | 1.169 | 1.182 |
| 138.6 | 0.7071 | 0 | 1.1663 | 1.1663 |
| 138.6333 | 0.7097 | 0.013 | 1.1716 | 1.1846 |
| 138.6667 | 0.7091 | 0 | 1.1716 | 1.1716 |
| 138.7 | 0.7084 | 0 | 1.1703 | 1.1703 |
| 138.7333 | 0.7087 | 0 | 1.1729 | 1.1729 |
| 138.7667 | 0.7055 | 0 | 1.169 | 1.169 |
| 138.8 | 0.7055 | 0 | 1.1755 | 1.1755 |
| 138.8333 | 0.7074 | 0 | 1.1742 | 1.1742 |
| 138.8667 | 0.7074 | 0.013 | 1.1716 | 1.1846 |
| 138.9 | 0.7087 | 0.013 | 1.1729 | 1.186 |
| 138.9333 | 0.7068 | 0.0262 | 1.1742 | 1.2004 |
| 138.9667 | 0.7055 | 0 | 1.1742 | 1.1742 |
| 139 | 0.7097 | 0 | 1.1663 | 1.1663 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 139.0333 | 0.7101 | 0.013 | 1.1755 | 1.1886 |
| 139.0667 | 0.7084 | 0.013 | 1.165 | 1.1781 |
| 139.1 | 0.7068 | 0 | 1.1611 | 1.1611 |
| 139.1333 | 0.7097 | 0 | 1.165 | 1.165 |
| 139.1667 | 0.7084 | 0.0262 | 1.1637 | 1.1899 |
| 139.2 | 0.7068 | 0 | 1.1637 | 1.1637 |
| 139.2333 | 0.7097 | 0.0262 | 1.1558 | 1.182 |
| 139.2667 | 0.7074 | 0 | 1.1663 | 1.1663 |
| 139.3 | 0.7058 | 0.013 | 1.1584 | 1.1715 |
| 139.3333 | 0.7058 | 0.013 | 1.1611 | 1.1741 |
| 139.3667 | 0.7078 | 0.013 | 1.1663 | 1.1794 |
| 139.4 | 0.7038 | 0.013 | 1.1611 | 1.1741 |
| 139.4333 | 0.7091 | 0.0262 | 1.1571 | 1.1833 |
| 139.4667 | 0.7094 | 0.013 | 1.1584 | 1.1715 |
| 139.5 | 0.7097 | 0.013 | 1.1637 | 1.1767 |
| 139.5333 | 0.7081 | 0.013 | 1.1584 | 1.1715 |
| 139.5667 | 0.7055 | 0.013 | 1.1571 | 1.1702 |
| 139.6 | 0.7087 | 0.013 | 1.1637 | 1.1767 |
| 139.6333 | 0.7081 | 0 | 1.1584 | 1.1584 |
| 139.6667 | 0.7097 | 0 | 1.1598 | 1.1598 |
| 139.7 | 0.7091 | 0.013 | 1.1584 | 1.1715 |
| 139.7333 | 0.7084 | 0 | 1.1598 | 1.1598 |
| 139.7667 | 0.7094 | 0.013 | 1.1637 | 1.1767 |
| 139.8 | 0.7071 | 0.0262 | 1.1624 | 1.1886 |
| 139.8333 | 0.7048 | 0 | 1.1584 | 1.1584 |
| 139.8667 | 0.7061 | 0.013 | 1.1558 | 1.1689 |
| 139.9 | 0.7071 | 0 | 1.1558 | 1.1558 |
| 139.9333 | 0.7078 | 0.013 | 1.1558 | 1.1689 |
| 139.9667 | 0.7038 | 0 | 1.1624 | 1.1624 |
| 140 | 0.7055 | 0.0262 | 1.1598 | 1.186 |
| 140.0333 | 0.7035 | 0.013 | 1.1558 | 1.1689 |
| 140.0667 | 0.7068 | 0.013 | 1.1611 | 1.1741 |
| 140.1 | 0.7058 | 0.013 | 1.1598 | 1.1728 |
| 140.1333 | 0.7097 | 0.013 | 1.1571 | 1.1702 |
| 140.1667 | 0.7041 | 0 | 1.1571 | 1.1571 |
| 140.2 | 0.7025 | 0.013 | 1.1624 | 1.1754 |
| 140.2333 | 0.7051 | 0.013 | 1.1571 | 1.1702 |
| 140.2667 | 0.7081 | 0 | 1.1584 | 1.1584 |
| 140.3 | 0.7074 | 0.013 | 1.1637 | 1.1767 |
| 140.3333 | 0.7068 | 0.0262 | 1.1545 | 1.1807 |
| 140.3667 | 0.7071 | 0.013 | 1.1637 | 1.1767 |
| 140.4 | 0.7084 | 0.0262 | 1.1611 | 1.1873 |
| 140.4333 | 0.7064 | 0.013 | 1.1571 | 1.1702 |

Areva NP Inc.

Project No. G101276459SAT-001C top S1-S4

September 30, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 140.4667 | 0.7081 | 0.013 | 1.1571 | 1.1702 |
| 140.5 | 0.7107 | 0.013 | 1.1571 | 1.1702 |
| 140.5333 | 0.7061 | 0.013 | 1.1624 | 1.1754 |
| 140.5667 | 0.7084 | 0 | 1.1558 | 1.1558 |
| 140.6 | 0.7071 | 0 | 1.1558 | 1.1558 |
| 140.6333 | 0.7025 | 0.013 | 1.1624 | 1.1754 |
| 140.6667 | 0.7045 | 0.013 | 1.1598 | 1.1728 |
| 140.7 | 0.7074 | 0.013 | 1.1637 | 1.1767 |
| 140.7333 | 0.7074 | 0 | 1.1637 | 1.1637 |
| 140.7667 | 0.7058 | 0 | 1.1584 | 1.1584 |
| 140.8 | 0.7074 | 0.0262 | 1.1584 | 1.1846 |
| 140.8333 | 0.7064 | 0 | 1.1663 | 1.1663 |
| 140.8667 | 0.7071 | 0.0262 | 1.1598 | 1.186 |
| 140.9 | 0.7071 | 0 | 1.1558 | 1.1558 |
| 140.9333 | 0.7068 | 0 | 1.1611 | 1.1611 |
| 140.9667 | 0.7068 | 0.013 | 1.1611 | 1.1741 |
| 141 | 0.7071 | 0.013 | 1.1558 | 1.1689 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 0 | -0.0022 | 0 | 0.7246 | 0.7246 |
| 0.0333 | -0.0025 | 0 | 0.7114 | 0.7114 |
| 0.0667 | -0.0068 | 0 | 0.6983 | 0.6983 |
| 0.1 | -0.0111 | 0 | 0.6917 | 0.6917 |
| 0.1333 | -0.0094 | 0.0109 | 0.6825 | 0.6934 |
| 0.1667 | -0.0121 | 0 | 0.6733 | 0.6733 |
| 0.2 | -0.0167 | 0.0109 | 0.6654 | 0.6763 |
| 0.2333 | -0.0176 | 0.0109 | 0.6627 | 0.6736 |
| 0.2667 | -0.0183 | 0.0109 | 0.647 | 0.6579 |
| 0.3 | -0.0209 | 0 | 0.643 | 0.643 |
| 0.3333 | -0.0196 | 0.0109 | 0.6338 | 0.6447 |
| 0.3667 | -0.0229 | 0 | 0.6272 | 0.6272 |
| 0.4 | -0.0239 | 0.0109 | 0.618 | 0.6289 |
| 0.4333 | -0.0223 | 0.0241 | 0.6049 | 0.6289 |
| 0.4667 | -0.0226 | 0.0109 | 0.5983 | 0.6092 |
| 0.5 | -0.0262 | 0 | 0.5891 | 0.5891 |
| 0.5333 | -0.0246 | 0 | 0.5812 | 0.5812 |
| 0.5667 | -0.0288 | 0.0109 | 0.5733 | 0.5842 |
| 0.6 | -0.0262 | 0.0109 | 0.5668 | 0.5777 |
| 0.6333 | -0.0272 | 0.0109 | 0.5602 | 0.5711 |
| 0.6667 | -0.0272 | 0 | 0.5483 | 0.5483 |
| 0.7 | -0.0203 | 0.0109 | 0.5405 | 0.5514 |
| 0.7333 | 0.0037 | 0 | 0.5378 | 0.5378 |
| 0.7667 | 0.0321 | 0 | 0.5339 | 0.5339 |
| 0.8 | 0.0541 | 0.0109 | 0.5273 | 0.5382 |
| 0.8333 | 0.0752 | 0.0109 | 0.5234 | 0.5343 |
| 0.8667 | 0.0985 | 0 | 0.5194 | 0.5194 |
| 0.9 | 0.1147 | 0.0109 | 0.5115 | 0.5224 |
| 0.9333 | 0.1341 | 0 | 0.5102 | 0.5102 |
| 0.9667 | 0.1578 | 0 | 0.5063 | 0.5063 |
| 1 | 0.1736 | 0 | 0.5036 | 0.5036 |
| 1.0333 | 0.1927 | 0.0109 | 0.501 | 0.5119 |
| 1.0667 | 0.216 | 0.0109 | 0.4984 | 0.5093 |
| 1.1 | 0.2434 | 0.0109 | 0.4957 | 0.5066 |
| 1.1333 | 0.2674 | 0 | 0.4944 | 0.4944 |
| 1.1667 | 0.2931 | 0.0109 | 0.4997 | 0.5106 |
| 1.2 | 0.3154 | 0 | 0.4944 | 0.4944 |
| 1.2333 | 0.3447 | 0 | 0.4944 | 0.4944 |
| 1.2667 | 0.3694 | 0 | 0.4984 | 0.4984 |
| 1.3 | 0.3882 | 0.0109 | 0.4931 | 0.504 |
| 1.3333 | 0.4138 | 0 | 0.501 | 0.501 |
| 1.3667 | 0.4316 | 0.0241 | 0.5023 | 0.5264 |
| 1.4 | 0.4527 | 0 | 0.5036 | 0.5036 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 1.4333 | 0.4728 | 0 | 0.5102 | 0.5102 |
| 1.4667 | 0.4955 | 0 | 0.5115 | 0.5115 |
| 1.5 | 0.51 | 0 | 0.5128 | 0.5128 |
| 1.5333 | 0.5313 | 0 | 0.5234 | 0.5234 |
| 1.5667 | 0.5485 | 0 | 0.5247 | 0.5247 |
| 1.6 | 0.5643 | 0 | 0.5339 | 0.5339 |
| 1.6333 | 0.5814 | 0 | 0.5352 | 0.5352 |
| 1.6667 | 0.6011 | 0.0109 | 0.5418 | 0.5527 |
| 1.7 | 0.614 | 0.0109 | 0.5418 | 0.5527 |
| 1.7333 | 0.6281 | 0.0109 | 0.5549 | 0.5658 |
| 1.7667 | 0.6413 | 0.0109 | 0.5483 | 0.5592 |
| 1.8 | 0.6564 | 0.0109 | 0.5615 | 0.5724 |
| 1.8333 | 0.6712 | 0 | 0.5681 | 0.5681 |
| 1.8667 | 0.686 | 0.0109 | 0.576 | 0.5869 |
| 1.9 | 0.6949 | 0 | 0.5865 | 0.5865 |
| 1.9333 | 0.7091 | 0 | 0.5904 | 0.5904 |
| 1.9667 | 0.7193 | 0 | 0.6023 | 0.6023 |
| 2 | 0.7324 | 0 | 0.6115 | 0.6115 |
| 2.0333 | 0.7453 | 0 | 0.618 | 0.618 |
| 2.0667 | 0.7548 | 0.0109 | 0.6259 | 0.6368 |
| 2.1 | 0.768 | 0 | 0.6351 | 0.6351 |
| 2.1333 | 0.7729 | 0.0109 | 0.6457 | 0.6566 |
| 2.1667 | 0.7845 | 0.0109 | 0.6549 | 0.6658 |
| 2.2 | 0.7973 | 0.0109 | 0.6601 | 0.671 |
| 2.2333 | 0.8045 | 0 | 0.672 | 0.672 |
| 2.2667 | 0.8147 | 0 | 0.6772 | 0.6772 |
| 2.3 | 0.8213 | 0 | 0.6877 | 0.6877 |
| 2.3333 | 0.8335 | 0 | 0.6983 | 0.6983 |
| 2.3667 | 0.8374 | 0 | 0.7101 | 0.7101 |
| 2.4 | 0.8499 | 0.0109 | 0.7193 | 0.7302 |
| 2.4333 | 0.8565 | 0 | 0.7206 | 0.7206 |
| 2.4667 | 0.8644 | 0.0109 | 0.7324 | 0.7433 |
| 2.5 | 0.8694 | 0 | 0.7469 | 0.7469 |
| 2.5333 | 0.8759 | 0 | 0.7495 | 0.7495 |
| 2.5667 | 0.8829 | 0 | 0.7601 | 0.7601 |
| 2.6 | 0.8891 | 0 | 0.7679 | 0.7679 |
| 2.6333 | 0.896 | 0.0109 | 0.7771 | 0.788 |
| 2.6667 | 0.902 | 0 | 0.7864 | 0.7864 |
| 2.7 | 0.9085 | 0.0109 | 0.7916 | 0.8025 |
| 2.7333 | 0.9141 | 0.0109 | 0.8008 | 0.8117 |
| 2.7667 | 0.921 | 0 | 0.8153 | 0.8153 |
| 2.8 | 0.9266 | 0.0109 | 0.8258 | 0.8367 |
| 2.8333 | 0.9312 | 0.0241 | 0.8311 | 0.8551 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 2.8667 | 0.9385 | 0 | 0.8376 | 0.8376 |
| 2.9 | 0.9467 | 0 | 0.8534 | 0.8534 |
| 2.9333 | 0.9487 | 0.0109 | 0.8613 | 0.8722 |
| 2.9667 | 0.9549 | 0 | 0.8653 | 0.8653 |
| 3 | 0.9582 | 0 | 0.8797 | 0.8797 |
| 3.0333 | 0.9628 | 0 | 0.8863 | 0.8863 |
| 3.0667 | 0.9665 | 0.0109 | 0.8955 | 0.9064 |
| 3.1 | 0.9711 | 0 | 0.9021 | 0.9021 |
| 3.1333 | 0.9727 | 0.0241 | 0.9113 | 0.9353 |
| 3.1667 | 0.9803 | 0 | 0.9165 | 0.9165 |
| 3.2 | 0.9826 | 0 | 0.9231 | 0.9231 |
| 3.2333 | 0.9852 | 0 | 0.9349 | 0.9349 |
| 3.2667 | 0.9879 | 0 | 0.9455 | 0.9455 |
| 3.3 | 0.9954 | 0.0109 | 0.9494 | 0.9603 |
| 3.3333 | 0.9964 | 0 | 0.9573 | 0.9573 |
| 3.3667 | 1.0017 | 0.0109 | 0.9678 | 0.9787 |
| 3.4 | 1.0053 | 0.0109 | 0.9757 | 0.9866 |
| 3.4333 | 1.0056 | 0.0109 | 0.9849 | 0.9958 |
| 3.4667 | 1.0089 | 0 | 0.9915 | 0.9915 |
| 3.5 | 1.0125 | 0 | 1.0033 | 1.0033 |
| 3.5333 | 1.0158 | 0 | 1.0125 | 1.0125 |
| 3.5667 | 1.0195 | 0.0109 | 1.0165 | 1.0274 |
| 3.6 | 1.0214 | 0 | 1.0178 | 1.0178 |
| 3.6333 | 1.0231 | 0 | 1.0323 | 1.0323 |
| 3.6667 | 1.0241 | 0.0109 | 1.0349 | 1.0458 |
| 3.7 | 1.03 | 0 | 1.0388 | 1.0388 |
| 3.7333 | 1.0303 | 0.0109 | 1.0493 | 1.0602 |
| 3.7667 | 1.03 | 0 | 1.0572 | 1.0572 |
| 3.8 | 1.0376 | 0.0109 | 1.0664 | 1.0773 |
| 3.8333 | 1.0379 | 0.0109 | 1.073 | 1.0839 |
| 3.8667 | 1.0408 | 0 | 1.0783 | 1.0783 |
| 3.9 | 1.0441 | 0.0109 | 1.0927 | 1.1036 |
| 3.9333 | 1.0451 | 0.0241 | 1.0875 | 1.1115 |
| 3.9667 | 1.0481 | 0 | 1.098 | 1.098 |
| 4 | 1.0471 | 0 | 1.1019 | 1.1019 |
| 4.0333 | 1.0504 | 0 | 1.1046 | 1.1046 |
| 4.0667 | 1.0527 | 0 | 1.1098 | 1.1098 |
| 4.1 | 1.0543 | 0 | 1.1164 | 1.1164 |
| 4.1333 | 1.0543 | 0 | 1.1204 | 1.1204 |
| 4.1667 | 1.058 | 0.0109 | 1.1256 | 1.1365 |
| 4.2 | 1.0616 | 0.0109 | 1.1322 | 1.1431 |
| 4.2333 | 1.0583 | 0 | 1.1493 | 1.1493 |
| 4.2667 | 1.0632 | 0.0109 | 1.1545 | 1.1654 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 4.3 | 1.0636 | 0 | 1.1559 | 1.1559 |
| 4.3333 | 1.0649 | 0 | 1.1624 | 1.1624 |
| 4.3667 | 1.0685 | 0.0109 | 1.169 | 1.1799 |
| 4.4 | 1.0718 | 0.0109 | 1.173 | 1.1839 |
| 4.4333 | 1.0734 | 0.0109 | 1.1822 | 1.1931 |
| 4.4667 | 1.0767 | 0.0109 | 1.1887 | 1.1996 |
| 4.5 | 1.0784 | 0 | 1.2006 | 1.2006 |
| 4.5333 | 1.081 | 0.0109 | 1.2032 | 1.2141 |
| 4.5667 | 1.0817 | 0.0109 | 1.2019 | 1.2128 |
| 4.6 | 1.0853 | 0 | 1.215 | 1.215 |
| 4.6333 | 1.0869 | 0.0109 | 1.215 | 1.2259 |
| 4.6667 | 1.0886 | 0.0109 | 1.2216 | 1.2325 |
| 4.7 | 1.0925 | 0 | 1.2295 | 1.2295 |
| 4.7333 | 1.0909 | 0 | 1.2413 | 1.2413 |
| 4.7667 | 1.0938 | 0 | 1.2453 | 1.2453 |
| 4.8 | 1.0975 | 0 | 1.2453 | 1.2453 |
| 4.8333 | 1.0975 | 0 | 1.2545 | 1.2545 |
| 4.8667 | 1.1031 | 0.0109 | 1.2611 | 1.272 |
| 4.9 | 1.1044 | 0.0109 | 1.265 | 1.2759 |
| 4.9333 | 1.1063 | 0.0109 | 1.2768 | 1.2877 |
| 4.9667 | 1.1073 | 0.0109 | 1.2742 | 1.2851 |
| 5 | 1.111 | 0.0109 | 1.2834 | 1.2943 |
| 5.0333 | 1.1139 | 0.0109 | 1.286 | 1.2969 |
| 5.0667 | 1.1149 | 0.0109 | 1.29 | 1.3009 |
| 5.1 | 1.1179 | 0 | 1.2992 | 1.2992 |
| 5.1333 | 1.1182 | 0.0241 | 1.2926 | 1.3167 |
| 5.1667 | 1.1212 | 0.0109 | 1.3031 | 1.314 |
| 5.2 | 1.1228 | 0 | 1.3045 | 1.3045 |
| 5.2333 | 1.1277 | 0 | 1.315 | 1.315 |
| 5.2667 | 1.131 | 0 | 1.3137 | 1.3137 |
| 5.3 | 1.131 | 0 | 1.3229 | 1.3229 |
| 5.3333 | 1.1333 | 0.0109 | 1.3268 | 1.3377 |
| 5.3667 | 1.1327 | 0.0109 | 1.3294 | 1.3403 |
| 5.4 | 1.1376 | 0.0109 | 1.3321 | 1.343 |
| 5.4333 | 1.1366 | 0 | 1.3439 | 1.3439 |
| 5.4667 | 1.1379 | 0 | 1.3531 | 1.3531 |
| 5.5 | 1.1429 | 0 | 1.3531 | 1.3531 |
| 5.5333 | 1.1455 | 0.0241 | 1.3636 | 1.3877 |
| 5.5667 | 1.1481 | 0 | 1.3663 | 1.3663 |
| 5.6 | 1.1485 | 0 | 1.3689 | 1.3689 |
| 5.6333 | 1.1514 | 0 | 1.3768 | 1.3768 |
| 5.6667 | 1.1531 | 0.0109 | 1.3834 | 1.3943 |
| 5.7 | 1.156 | 0.0109 | 1.3873 | 1.3982 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 5.7333 | 1.1587 | 0.0109 | 1.3873 | 1.3982 |
| 5.7667 | 1.1623 | 0 | 1.3952 | 1.3952 |
| 5.8 | 1.1623 | 0 | 1.4031 | 1.4031 |
| 5.8333 | 1.1669 | 0.0109 | 1.407 | 1.4179 |
| 5.8667 | 1.1699 | 0 | 1.411 | 1.411 |
| 5.9 | 1.1689 | 0.0372 | 1.4202 | 1.4574 |
| 5.9333 | 1.1732 | 0 | 1.4281 | 1.4281 |
| 5.9667 | 1.1741 | 0.0109 | 1.4267 | 1.4376 |
| 6 | 1.1794 | 0 | 1.4307 | 1.4307 |
| 6.0333 | 1.183 | 0 | 1.4294 | 1.4294 |
| 6.0667 | 1.187 | 0 | 1.4399 | 1.4399 |
| 6.1 | 1.1903 | 0 | 1.4438 | 1.4438 |
| 6.1333 | 1.1906 | 0.0109 | 1.4517 | 1.4626 |
| 6.1667 | 1.1972 | 0 | 1.457 | 1.457 |
| 6.2 | 1.2008 | 0.0109 | 1.4583 | 1.4692 |
| 6.2333 | 1.2018 | 0 | 1.4675 | 1.4675 |
| 6.2667 | 1.2057 | 0 | 1.4715 | 1.4715 |
| 6.3 | 1.214 | 0 | 1.4741 | 1.4741 |
| 6.3333 | 1.2169 | 0 | 1.4767 | 1.4767 |
| 6.3667 | 1.2173 | 0 | 1.4833 | 1.4833 |
| 6.4 | 1.2212 | 0 | 1.4925 | 1.4925 |
| 6.4333 | 1.2285 | 0.0109 | 1.5004 | 1.5113 |
| 6.4667 | 1.2314 | 0 | 1.5004 | 1.5004 |
| 6.5 | 1.2337 | 0 | 1.4991 | 1.4991 |
| 6.5333 | 1.238 | 0 | 1.507 | 1.507 |
| 6.5667 | 1.2429 | 0 | 1.5135 | 1.5135 |
| 6.6 | 1.2489 | 0.0109 | 1.5148 | 1.5257 |
| 6.6333 | 1.2505 | 0 | 1.5175 | 1.5175 |
| 6.6667 | 1.2531 | 0.0109 | 1.5319 | 1.5428 |
| 6.7 | 1.2577 | 0 | 1.5359 | 1.5359 |
| 6.7333 | 1.26 | 0 | 1.5385 | 1.5385 |
| 6.7667 | 1.265 | 0 | 1.5385 | 1.5385 |
| 6.8 | 1.2673 | 0 | 1.5477 | 1.5477 |
| 6.8333 | 1.2719 | 0.0241 | 1.5582 | 1.5823 |
| 6.8667 | 1.2765 | 0 | 1.5635 | 1.5635 |
| 6.9 | 1.2785 | 0 | 1.5648 | 1.5648 |
| 6.9333 | 1.2824 | 0.0109 | 1.574 | 1.5849 |
| 6.9667 | 1.2851 | 0.0109 | 1.5727 | 1.5836 |
| 7 | 1.288 | 0 | 1.5767 | 1.5767 |
| 7.0333 | 1.2923 | 0 | 1.5832 | 1.5832 |
| 7.0667 | 1.2953 | 0.0109 | 1.5951 | 1.606 |
| 7.1 | 1.3002 | 0.0109 | 1.5951 | 1.606 |
| 7.1333 | 1.3035 | 0.0109 | 1.6056 | 1.6165 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 7.1667 | 1.3045 | 0.0241 | 1.6082 | 1.6323 |
| 7.2 | 1.3071 | 0 | 1.6108 | 1.6108 |
| 7.2333 | 1.3107 | 0 | 1.6148 | 1.6148 |
| 7.2667 | 1.315 | 0 | 1.6253 | 1.6253 |
| 7.3 | 1.3206 | 0.0109 | 1.6227 | 1.6336 |
| 7.3333 | 1.3206 | 0.0109 | 1.624 | 1.6349 |
| 7.3667 | 1.3259 | 0 | 1.6279 | 1.6279 |
| 7.4 | 1.3262 | 0.0109 | 1.6332 | 1.6441 |
| 7.4333 | 1.3275 | 0 | 1.6319 | 1.6319 |
| 7.4667 | 1.3334 | 0.0109 | 1.6424 | 1.6533 |
| 7.5 | 1.3371 | 0 | 1.6437 | 1.6437 |
| 7.5333 | 1.3384 | 0.0109 | 1.6582 | 1.6691 |
| 7.5667 | 1.342 | 0 | 1.6516 | 1.6516 |
| 7.6 | 1.3466 | 0.0109 | 1.6582 | 1.6691 |
| 7.6333 | 1.3469 | 0 | 1.6661 | 1.6661 |
| 7.6667 | 1.3473 | 0 | 1.6713 | 1.6713 |
| 7.7 | 1.3479 | 0 | 1.6726 | 1.6726 |
| 7.7333 | 1.3535 | 0 | 1.6792 | 1.6792 |
| 7.7667 | 1.3545 | 0.0109 | 1.6805 | 1.6914 |
| 7.8 | 1.3571 | 0 | 1.6937 | 1.6937 |
| 7.8333 | 1.3624 | 0 | 1.6924 | 1.6924 |
| 7.8667 | 1.3627 | 0 | 1.6989 | 1.6989 |
| 7.9 | 1.3621 | 0 | 1.7055 | 1.7055 |
| 7.9333 | 1.366 | 0 | 1.7055 | 1.7055 |
| 7.9667 | 1.37 | 0.0109 | 1.7187 | 1.7296 |
| 8 | 1.372 | 0.0109 | 1.7239 | 1.7348 |
| 8.0333 | 1.3752 | 0 | 1.7213 | 1.7213 |
| 8.0667 | 1.3759 | 0.0109 | 1.7279 | 1.7388 |
| 8.1 | 1.3812 | 0 | 1.7371 | 1.7371 |
| 8.1333 | 1.3795 | 0.0109 | 1.7358 | 1.7467 |
| 8.1667 | 1.3818 | 0.0109 | 1.745 | 1.7559 |
| 8.2 | 1.3828 | 0.0241 | 1.7489 | 1.773 |
| 8.2333 | 1.3861 | 0 | 1.7568 | 1.7568 |
| 8.2667 | 1.3907 | 0 | 1.7607 | 1.7607 |
| 8.3 | 1.3884 | 0.0109 | 1.7621 | 1.773 |
| 8.3333 | 1.3933 | 0.0109 | 1.77 | 1.7809 |
| 8.3667 | 1.3947 | 0 | 1.7739 | 1.7739 |
| 8.4 | 1.3963 | 0 | 1.7792 | 1.7792 |
| 8.4333 | 1.3999 | 0 | 1.7818 | 1.7818 |
| 8.4667 | 1.4006 | 0 | 1.7857 | 1.7857 |
| 8.5 | 1.4003 | 0.0109 | 1.7976 | 1.8085 |
| 8.5333 | 1.3993 | 0 | 1.8028 | 1.8028 |
| 8.5667 | 1.4032 | 0.0109 | 1.8041 | 1.815 |

Areva NP Inc.

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October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 8.6 | 1.4045 | 0.0109 | 1.8055 | 1.8164 |
| 8.6333 | 1.4075 | 0 | 1.8107 | 1.8107 |
| 8.6667 | 1.4082 | 0.0109 | 1.8107 | 1.8216 |
| 8.7 | 1.4128 | 0 | 1.8199 | 1.8199 |
| 8.7333 | 1.4124 | 0.0109 | 1.8212 | 1.8321 |
| 8.7667 | 1.4131 | 0.0109 | 1.8265 | 1.8374 |
| 8.8 | 1.4121 | 0 | 1.8252 | 1.8252 |
| 8.8333 | 1.4161 | 0 | 1.8318 | 1.8318 |
| 8.8667 | 1.4177 | 0 | 1.8423 | 1.8423 |
| 8.9 | 1.417 | 0.0109 | 1.8436 | 1.8545 |
| 8.9333 | 1.4161 | 0.0109 | 1.8515 | 1.8624 |
| 8.9667 | 1.419 | 0.0109 | 1.8554 | 1.8663 |
| 9 | 1.4197 | 0 | 1.8541 | 1.8541 |
| 9.0333 | 1.4223 | 0.0109 | 1.8659 | 1.8768 |
| 9.0667 | 1.4256 | 0 | 1.8738 | 1.8738 |
| 9.1 | 1.4266 | 0 | 1.8725 | 1.8725 |
| 9.1333 | 1.4286 | 0 | 1.8752 | 1.8752 |
| 9.1667 | 1.4253 | 0 | 1.8778 | 1.8778 |
| 9.2 | 1.4272 | 0 | 1.8896 | 1.8896 |
| 9.2333 | 1.4296 | 0.0109 | 1.8883 | 1.8992 |
| 9.2667 | 1.4325 | 0 | 1.8975 | 1.8975 |
| 9.3 | 1.4305 | 0 | 1.9001 | 1.9001 |
| 9.3333 | 1.4315 | 0 | 1.9041 | 1.9041 |
| 9.3667 | 1.4312 | 0 | 1.9093 | 1.9093 |
| 9.4 | 1.4375 | 0 | 1.9107 | 1.9107 |
| 9.4333 | 1.4361 | 0 | 1.9146 | 1.9146 |
| 9.4667 | 1.4355 | 0 | 1.9159 | 1.9159 |
| 9.5 | 1.4368 | 0 | 1.9251 | 1.9251 |
| 9.5333 | 1.4358 | 0.0109 | 1.9278 | 1.9387 |
| 9.5667 | 1.4404 | 0 | 1.937 | 1.937 |
| 9.6 | 1.4394 | 0.0109 | 1.9343 | 1.9452 |
| 9.6333 | 1.4427 | 0 | 1.9396 | 1.9396 |
| 9.6667 | 1.4401 | 0.0109 | 1.937 | 1.9479 |
| 9.7 | 1.444 | 0 | 1.9435 | 1.9435 |
| 9.7333 | 1.4447 | 0.0109 | 1.9488 | 1.9597 |
| 9.7667 | 1.4444 | 0 | 1.9501 | 1.9501 |
| 9.8 | 1.4444 | 0 | 1.9554 | 1.9554 |
| 9.8333 | 1.4437 | 0.0109 | 1.9554 | 1.9663 |
| 9.8667 | 1.4473 | 0.0109 | 1.9646 | 1.9755 |
| 9.9 | 1.4463 | 0.0109 | 1.9659 | 1.9768 |
| 9.9333 | 1.4477 | 0.0109 | 1.9672 | 1.9781 |
| 9.9667 | 1.448 | 0 | 1.9685 | 1.9685 |
| 10 | 1.447 | 0.0109 | 1.9764 | 1.9873 |

Areva NP Inc.

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October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 10.0333 | 1.4516 | 0 | 1.9738 | 1.9738 |
| 10.0667 | 1.4509 | 0.0109 | 1.9777 | 1.9886 |
| 10.1 | 1.4509 | 0.0109 | 1.979 | 1.9899 |
| 10.1333 | 1.4523 | 0 | 1.9817 | 1.9817 |
| 10.1667 | 1.4536 | 0 | 1.9896 | 1.9896 |
| 10.2 | 1.4526 | 0 | 1.9922 | 1.9922 |
| 10.2333 | 1.4526 | 0 | 1.9882 | 1.9882 |
| 10.2667 | 1.4549 | 0.0109 | 1.9935 | 2.0044 |
| 10.3 | 1.4565 | 0 | 2.0014 | 2.0014 |
| 10.3333 | 1.4542 | 0.0109 | 2.004 | 2.0149 |
| 10.3667 | 1.4556 | 0.0109 | 2.0053 | 2.0162 |
| 10.4 | 1.4572 | 0 | 2.0106 | 2.0106 |
| 10.4333 | 1.4569 | 0 | 2.0093 | 2.0093 |
| 10.4667 | 1.4569 | 0.0109 | 2.0145 | 2.0254 |
| 10.5 | 1.4565 | 0 | 2.0185 | 2.0185 |
| 10.5333 | 1.4572 | 0.0241 | 2.0237 | 2.0478 |
| 10.5667 | 1.4565 | 0 | 2.0264 | 2.0264 |
| 10.6 | 1.4582 | 0 | 2.0303 | 2.0303 |
| 10.6333 | 1.4539 | 0 | 2.0395 | 2.0395 |
| 10.6667 | 1.4592 | 0.0109 | 2.0329 | 2.0438 |
| 10.7 | 1.4605 | 0 | 2.0343 | 2.0343 |
| 10.7333 | 1.4608 | 0 | 2.0448 | 2.0448 |
| 10.7667 | 1.4569 | 0 | 2.0343 | 2.0343 |
| 10.8 | 1.4631 | 0 | 2.0435 | 2.0435 |
| 10.8333 | 1.4605 | 0 | 2.0461 | 2.0461 |
| 10.8667 | 1.4608 | 0 | 2.054 | 2.054 |
| 10.9 | 1.4585 | 0.0109 | 2.05 | 2.0609 |
| 10.9333 | 1.4572 | 0.0109 | 2.0579 | 2.0688 |
| 10.9667 | 1.4588 | 0 | 2.0658 | 2.0658 |
| 11 | 1.4559 | 0.0241 | 2.0592 | 2.0833 |
| 11.0333 | 1.4562 | 0 | 2.0685 | 2.0685 |
| 11.0667 | 1.4539 | 0 | 2.0685 | 2.0685 |
| 11.1 | 1.4552 | 0.0109 | 2.0711 | 2.082 |
| 11.1333 | 1.4556 | 0.0109 | 2.079 | 2.0899 |
| 11.1667 | 1.4536 | 0 | 2.0816 | 2.0816 |
| 11.2 | 1.4516 | 0.0109 | 2.0829 | 2.0938 |
| 11.2333 | 1.4523 | 0.0109 | 2.0829 | 2.0938 |
| 11.2667 | 1.4519 | 0.0241 | 2.0855 | 2.1096 |
| 11.3 | 1.45 | 0.0241 | 2.0882 | 2.1122 |
| 11.3333 | 1.4503 | 0.0372 | 2.0908 | 2.128 |
| 11.3667 | 1.446 | 0 | 2.0961 | 2.0961 |
| 11.4 | 1.446 | 0.0109 | 2.1 | 2.1109 |
| 11.4333 | 1.4434 | 0 | 2.0974 | 2.0974 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 11.4667 | 1.445 | 0 | 2.1026 | 2.1026 |
| 11.5 | 1.444 | 0 | 2.1026 | 2.1026 |
| 11.5333 | 1.446 | 0 | 2.1105 | 2.1105 |
| 11.5667 | 1.4444 | 0 | 2.1092 | 2.1092 |
| 11.6 | 1.443 | 0.0109 | 2.1118 | 2.1227 |
| 11.6333 | 1.443 | 0 | 2.1132 | 2.1132 |
| 11.6667 | 1.4401 | 0.0109 | 2.1092 | 2.1201 |
| 11.7 | 1.4421 | 0.0109 | 2.1158 | 2.1267 |
| 11.7333 | 1.4365 | 0 | 2.1158 | 2.1158 |
| 11.7667 | 1.4401 | 0.0109 | 2.1211 | 2.132 |
| 11.8 | 1.4375 | 0 | 2.1211 | 2.1211 |
| 11.8333 | 1.4381 | 0.0109 | 2.1158 | 2.1267 |
| 11.8667 | 1.4388 | 0.0241 | 2.1145 | 2.1385 |
| 11.9 | 1.4345 | 0.0109 | 2.1211 | 2.132 |
| 11.9333 | 1.4398 | 0.0109 | 2.1276 | 2.1385 |
| 11.9667 | 1.4375 | 0 | 2.1237 | 2.1237 |
| 12 | 1.4332 | 0.0241 | 2.1276 | 2.1517 |
| 12.0333 | 1.4358 | 0.0109 | 2.125 | 2.1359 |
| 12.0667 | 1.4345 | 0 | 2.1289 | 2.1289 |
| 12.1 | 1.4312 | 0.0109 | 2.125 | 2.1359 |
| 12.1333 | 1.4299 | 0 | 2.1316 | 2.1316 |
| 12.1667 | 1.4305 | 0 | 2.1355 | 2.1355 |
| 12.2 | 1.4312 | 0 | 2.1342 | 2.1342 |
| 12.2333 | 1.4309 | 0.0241 | 2.1368 | 2.1609 |
| 12.2667 | 1.4335 | 0.0109 | 2.1395 | 2.1504 |
| 12.3 | 1.4299 | 0 | 2.1395 | 2.1395 |
| 12.3333 | 1.4322 | 0 | 2.1342 | 2.1342 |
| 12.3667 | 1.4302 | 0 | 2.1408 | 2.1408 |
| 12.4 | 1.4286 | 0 | 2.1408 | 2.1408 |
| 12.4333 | 1.4309 | 0.0109 | 2.1421 | 2.153 |
| 12.4667 | 1.4282 | 0.0372 | 2.1434 | 2.1806 |
| 12.5 | 1.4286 | 0 | 2.146 | 2.146 |
| 12.5333 | 1.4309 | 0 | 2.1487 | 2.1487 |
| 12.5667 | 1.4302 | 0 | 2.1474 | 2.1474 |
| 12.6 | 1.4272 | 0.0109 | 2.15 | 2.1609 |
| 12.6333 | 1.4276 | 0.0109 | 2.1487 | 2.1596 |
| 12.6667 | 1.4269 | 0.0109 | 2.146 | 2.1569 |
| 12.7 | 1.4282 | 0 | 2.1526 | 2.1526 |
| 12.7333 | 1.4276 | 0 | 2.1513 | 2.1513 |
| 12.7667 | 1.4269 | 0.0109 | 2.1605 | 2.1714 |
| 12.8 | 1.4279 | 0 | 2.1539 | 2.1539 |
| 12.8333 | 1.4289 | 0.0109 | 2.1526 | 2.1635 |
| 12.8667 | 1.4263 | 0 | 2.1552 | 2.1552 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 12.9 | 1.4243 | 0.0109 | 2.1552 | 2.1661 |
| 12.9333 | 1.4286 | 0 | 2.15 | 2.15 |
| 12.9667 | 1.4246 | 0.0109 | 2.1605 | 2.1714 |
| 13 | 1.4259 | 0.0109 | 2.1605 | 2.1714 |
| 13.0333 | 1.424 | 0.0109 | 2.1579 | 2.1688 |
| 13.0667 | 1.423 | 0.0109 | 2.1658 | 2.1767 |
| 13.1 | 1.4269 | 0 | 2.1618 | 2.1618 |
| 13.1333 | 1.4243 | 0.0372 | 2.1605 | 2.1977 |
| 13.1667 | 1.4226 | 0.0109 | 2.1631 | 2.174 |
| 13.2 | 1.4226 | 0 | 2.1579 | 2.1579 |
| 13.2333 | 1.4259 | 0.0241 | 2.1658 | 2.1898 |
| 13.2667 | 1.4266 | 0.0109 | 2.1618 | 2.1727 |
| 13.3 | 1.4259 | 0 | 2.1618 | 2.1618 |
| 13.3333 | 1.4253 | 0 | 2.1644 | 2.1644 |
| 13.3667 | 1.4226 | 0 | 2.1631 | 2.1631 |
| 13.4 | 1.4246 | 0 | 2.1644 | 2.1644 |
| 13.4333 | 1.4213 | 0.0109 | 2.1605 | 2.1714 |
| 13.4667 | 1.4256 | 0.0109 | 2.1644 | 2.1753 |
| 13.5 | 1.424 | 0 | 2.1644 | 2.1644 |
| 13.5333 | 1.4243 | 0 | 2.1684 | 2.1684 |
| 13.5667 | 1.4236 | 0.0109 | 2.1658 | 2.1767 |
| 13.6 | 1.4249 | 0.0109 | 2.1723 | 2.1832 |
| 13.6333 | 1.424 | 0 | 2.171 | 2.171 |
| 13.6667 | 1.4269 | 0 | 2.1723 | 2.1723 |
| 13.7 | 1.4263 | 0.0109 | 2.175 | 2.1859 |
| 13.7333 | 1.4246 | 0.0109 | 2.1776 | 2.1885 |
| 13.7667 | 1.4249 | 0.0241 | 2.1763 | 2.2003 |
| 13.8 | 1.4266 | 0 | 2.1802 | 2.1802 |
| 13.8333 | 1.4246 | 0 | 2.1815 | 2.1815 |
| 13.8667 | 1.4249 | 0.0109 | 2.1802 | 2.1911 |
| 13.9 | 1.4249 | 0.0109 | 2.1842 | 2.1951 |
| 13.9333 | 1.4256 | 0.0109 | 2.1868 | 2.1977 |
| 13.9667 | 1.4256 | 0 | 2.1842 | 2.1842 |
| 14 | 1.4286 | 0 | 2.1855 | 2.1855 |
| 14.0333 | 1.4282 | 0 | 2.1907 | 2.1907 |
| 14.0667 | 1.4266 | 0.0109 | 2.1881 | 2.199 |
| 14.1 | 1.4263 | 0 | 2.1894 | 2.1894 |
| 14.1333 | 1.4269 | 0 | 2.1881 | 2.1881 |
| 14.1667 | 1.4266 | 0 | 2.1907 | 2.1907 |
| 14.2 | 1.4292 | 0 | 2.1894 | 2.1894 |
| 14.2333 | 1.4269 | 0 | 2.1934 | 2.1934 |
| 14.2667 | 1.4286 | 0 | 2.1999 | 2.1999 |
| 14.3 | 1.4253 | 0.0241 | 2.1947 | 2.2187 |

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October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 14.3333 | 1.4309 | 0 | 2.1973 | 2.1973 |
| 14.3667 | 1.4279 | 0.0109 | 2.1999 | 2.2108 |
| 14.4 | 1.4309 | 0 | 2.2013 | 2.2013 |
| 14.4333 | 1.4272 | 0 | 2.1986 | 2.1986 |
| 14.4667 | 1.4276 | 0.0109 | 2.1986 | 2.2095 |
| 14.5 | 1.4322 | 0 | 2.2026 | 2.2026 |
| 14.5333 | 1.4279 | 0 | 2.2013 | 2.2013 |
| 14.5667 | 1.4292 | 0.0109 | 2.2013 | 2.2122 |
| 14.6 | 1.4309 | 0.0109 | 2.2078 | 2.2187 |
| 14.6333 | 1.4332 | 0.0109 | 2.2013 | 2.2122 |
| 14.6667 | 1.4319 | 0.0109 | 2.2065 | 2.2174 |
| 14.7 | 1.4328 | 0 | 2.2065 | 2.2065 |
| 14.7333 | 1.4325 | 0 | 2.2078 | 2.2078 |
| 14.7667 | 1.4332 | 0 | 2.2013 | 2.2013 |
| 14.8 | 1.4338 | 0 | 2.2078 | 2.2078 |
| 14.8333 | 1.4345 | 0 | 2.2065 | 2.2065 |
| 14.8667 | 1.4351 | 0 | 2.2144 | 2.2144 |
| 14.9 | 1.4345 | 0 | 2.2065 | 2.2065 |
| 14.9333 | 1.4361 | 0.0109 | 2.2131 | 2.224 |
| 14.9667 | 1.4351 | 0 | 2.2118 | 2.2118 |
| 15 | 1.4368 | 0.0241 | 2.2157 | 2.2398 |
| 15.0333 | 1.4365 | 0 | 2.217 | 2.217 |
| 15.0667 | 1.4345 | 0.0109 | 2.2197 | 2.2306 |
| 15.1 | 1.4345 | 0 | 2.2078 | 2.2078 |
| 15.1333 | 1.4371 | 0 | 2.217 | 2.217 |
| 15.1667 | 1.4365 | 0 | 2.2144 | 2.2144 |
| 15.2 | 1.4388 | 0.0109 | 2.2118 | 2.2227 |
| 15.2333 | 1.4375 | 0.0109 | 2.2184 | 2.2293 |
| 15.2667 | 1.4398 | 0 | 2.2184 | 2.2184 |
| 15.3 | 1.4384 | 0 | 2.2118 | 2.2118 |
| 15.3333 | 1.4378 | 0.0109 | 2.2144 | 2.2253 |
| 15.3667 | 1.4368 | 0 | 2.2184 | 2.2184 |
| 15.4 | 1.4371 | 0.0109 | 2.2184 | 2.2293 |
| 15.4333 | 1.4411 | 0 | 2.2184 | 2.2184 |
| 15.4667 | 1.4391 | 0 | 2.221 | 2.221 |
| 15.5 | 1.4371 | 0 | 2.221 | 2.221 |
| 15.5333 | 1.4398 | 0.0109 | 2.2223 | 2.2332 |
| 15.5667 | 1.4391 | 0 | 2.217 | 2.217 |
| 15.6 | 1.4414 | 0 | 2.221 | 2.221 |
| 15.6333 | 1.4424 | 0 | 2.2184 | 2.2184 |
| 15.6667 | 1.4407 | 0 | 2.2184 | 2.2184 |
| 15.7 | 1.4404 | 0.0109 | 2.221 | 2.2319 |
| 15.7333 | 1.4398 | 0 | 2.2223 | 2.2223 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 15.7667 | 1.4424 | 0 | 2.2236 | 2.2236 |
| 15.8 | 1.4401 | 0 | 2.2236 | 2.2236 |
| 15.8333 | 1.4411 | 0 | 2.2262 | 2.2262 |
| 15.8667 | 1.4437 | 0 | 2.2223 | 2.2223 |
| 15.9 | 1.4417 | 0 | 2.2249 | 2.2249 |
| 15.9333 | 1.4391 | 0 | 2.2276 | 2.2276 |
| 15.9667 | 1.4437 | 0 | 2.2289 | 2.2289 |
| 16 | 1.4421 | 0.0109 | 2.2262 | 2.2371 |
| 16.0333 | 1.4424 | 0.0109 | 2.2249 | 2.2358 |
| 16.0667 | 1.4437 | 0 | 2.2262 | 2.2262 |
| 16.1 | 1.4404 | 0 | 2.2328 | 2.2328 |
| 16.1333 | 1.4444 | 0 | 2.2236 | 2.2236 |
| 16.1667 | 1.4457 | 0 | 2.2328 | 2.2328 |
| 16.2 | 1.4414 | 0 | 2.2289 | 2.2289 |
| 16.2333 | 1.444 | 0 | 2.2341 | 2.2341 |
| 16.2667 | 1.446 | 0 | 2.2315 | 2.2315 |
| 16.3 | 1.4444 | 0.0109 | 2.2302 | 2.2411 |
| 16.3333 | 1.4473 | 0 | 2.2341 | 2.2341 |
| 16.3667 | 1.4467 | 0 | 2.2394 | 2.2394 |
| 16.4 | 1.4467 | 0 | 2.2315 | 2.2315 |
| 16.4333 | 1.4467 | 0 | 2.2341 | 2.2341 |
| 16.4667 | 1.4463 | 0 | 2.2368 | 2.2368 |
| 16.5 | 1.444 | 0.0109 | 2.2394 | 2.2503 |
| 16.5333 | 1.445 | 0 | 2.2355 | 2.2355 |
| 16.5667 | 1.4463 | 0.0109 | 2.2433 | 2.2542 |
| 16.6 | 1.444 | 0 | 2.2394 | 2.2394 |
| 16.6333 | 1.445 | 0.0109 | 2.242 | 2.2529 |
| 16.6667 | 1.447 | 0 | 2.2368 | 2.2368 |
| 16.7 | 1.445 | 0 | 2.2407 | 2.2407 |
| 16.7333 | 1.4467 | 0 | 2.2407 | 2.2407 |
| 16.7667 | 1.4463 | 0.0109 | 2.242 | 2.2529 |
| 16.8 | 1.4457 | 0 | 2.2447 | 2.2447 |
| 16.8333 | 1.4486 | 0 | 2.2499 | 2.2499 |
| 16.8667 | 1.447 | 0 | 2.2447 | 2.2447 |
| 16.9 | 1.4493 | 0.0109 | 2.2433 | 2.2542 |
| 16.9333 | 1.4503 | 0 | 2.2447 | 2.2447 |
| 16.9667 | 1.4506 | 0 | 2.2473 | 2.2473 |
| 17 | 1.449 | 0 | 2.2447 | 2.2447 |
| 17.0333 | 1.4493 | 0 | 2.2473 | 2.2473 |
| 17.0667 | 1.448 | 0.0109 | 2.2447 | 2.2556 |
| 17.1 | 1.4483 | 0.0109 | 2.246 | 2.2569 |
| 17.1333 | 1.4493 | 0 | 2.246 | 2.246 |
| 17.1667 | 1.45 | 0.0109 | 2.2433 | 2.2542 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 17.2 | 1.4516 | 0 | 2.2447 | 2.2447 |
| 17.2333 | 1.4503 | 0 | 2.2499 | 2.2499 |
| 17.2667 | 1.449 | 0 | 2.2512 | 2.2512 |
| 17.3 | 1.4506 | 0 | 2.2512 | 2.2512 |
| 17.3333 | 1.4529 | 0 | 2.2447 | 2.2447 |
| 17.3667 | 1.4477 | 0 | 2.2407 | 2.2407 |
| 17.4 | 1.4509 | 0 | 2.2499 | 2.2499 |
| 17.4333 | 1.4506 | 0 | 2.2525 | 2.2525 |
| 17.4667 | 1.4529 | 0 | 2.2473 | 2.2473 |
| 17.5 | 1.4509 | 0 | 2.246 | 2.246 |
| 17.5333 | 1.448 | 0 | 2.2525 | 2.2525 |
| 17.5667 | 1.4506 | 0.0109 | 2.246 | 2.2569 |
| 17.6 | 1.4539 | 0.0109 | 2.2552 | 2.2661 |
| 17.6333 | 1.4536 | 0 | 2.2591 | 2.2591 |
| 17.6667 | 1.4513 | 0.0109 | 2.2512 | 2.2621 |
| 17.7 | 1.4513 | 0 | 2.2525 | 2.2525 |
| 17.7333 | 1.4569 | 0.0109 | 2.2539 | 2.2648 |
| 17.7667 | 1.4503 | 0 | 2.2525 | 2.2525 |
| 17.8 | 1.4519 | 0.0109 | 2.2578 | 2.2687 |
| 17.8333 | 1.4516 | 0 | 2.2473 | 2.2473 |
| 17.8667 | 1.4526 | 0.0109 | 2.2539 | 2.2648 |
| 17.9 | 1.4523 | 0.0109 | 2.2525 | 2.2634 |
| 17.9333 | 1.4542 | 0.0109 | 2.2525 | 2.2634 |
| 17.9667 | 1.4516 | 0 | 2.2565 | 2.2565 |
| 18 | 1.4519 | 0 | 2.2552 | 2.2552 |
| 18.0333 | 1.4542 | 0.0109 | 2.2565 | 2.2674 |
| 18.0667 | 1.4542 | 0 | 2.2539 | 2.2539 |
| 18.1 | 1.4516 | 0 | 2.2644 | 2.2644 |
| 18.1333 | 1.4539 | 0 | 2.2591 | 2.2591 |
| 18.1667 | 1.4539 | 0.0109 | 2.2604 | 2.2713 |
| 18.2 | 1.4556 | 0.0109 | 2.2604 | 2.2713 |
| 18.2333 | 1.4565 | 0 | 2.2591 | 2.2591 |
| 18.2667 | 1.4546 | 0.0109 | 2.2591 | 2.27 |
| 18.3 | 1.4552 | 0 | 2.2578 | 2.2578 |
| 18.3333 | 1.4536 | 0.0109 | 2.2618 | 2.2727 |
| 18.3667 | 1.4532 | 0 | 2.2591 | 2.2591 |
| 18.4 | 1.4539 | 0.0109 | 2.2591 | 2.27 |
| 18.4333 | 1.4556 | 0 | 2.2657 | 2.2657 |
| 18.4667 | 1.4539 | 0 | 2.2657 | 2.2657 |
| 18.5 | 1.4529 | 0 | 2.271 | 2.271 |
| 18.5333 | 1.4546 | 0 | 2.2683 | 2.2683 |
| 18.5667 | 1.4542 | 0 | 2.267 | 2.267 |
| 18.6 | 1.4569 | 0.0241 | 2.271 | 2.295 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 18.6333 | 1.4562 | 0 | 2.2657 | 2.2657 |
| 18.6667 | 1.4536 | 0 | 2.2696 | 2.2696 |
| 18.7 | 1.4572 | 0 | 2.2657 | 2.2657 |
| 18.7333 | 1.4582 | 0 | 2.2657 | 2.2657 |
| 18.7667 | 1.4562 | 0 | 2.2696 | 2.2696 |
| 18.8 | 1.4565 | 0.0109 | 2.271 | 2.2819 |
| 18.8333 | 1.4572 | 0.0109 | 2.2618 | 2.2727 |
| 18.8667 | 1.4559 | 0 | 2.267 | 2.267 |
| 18.9 | 1.4575 | 0.0109 | 2.2631 | 2.274 |
| 18.9333 | 1.4562 | 0 | 2.271 | 2.271 |
| 18.9667 | 1.4546 | 0 | 2.2657 | 2.2657 |
| 19 | 1.4575 | 0.0109 | 2.2631 | 2.274 |
| 19.0333 | 1.4595 | 0.0109 | 2.2604 | 2.2713 |
| 19.0667 | 1.4585 | 0.0109 | 2.2578 | 2.2687 |
| 19.1 | 1.4575 | 0.0109 | 2.2657 | 2.2766 |
| 19.1333 | 1.4572 | 0 | 2.2591 | 2.2591 |
| 19.1667 | 1.4572 | 0 | 2.2631 | 2.2631 |
| 19.2 | 1.4579 | 0 | 2.2618 | 2.2618 |
| 19.2333 | 1.4585 | 0 | 2.2618 | 2.2618 |
| 19.2667 | 1.4572 | 0 | 2.2618 | 2.2618 |
| 19.3 | 1.4598 | 0.0109 | 2.2683 | 2.2792 |
| 19.3333 | 1.4579 | 0.0109 | 2.267 | 2.2779 |
| 19.3667 | 1.4559 | 0 | 2.271 | 2.271 |
| 19.4 | 1.4592 | 0 | 2.2723 | 2.2723 |
| 19.4333 | 1.4575 | 0.0109 | 2.2723 | 2.2832 |
| 19.4667 | 1.4585 | 0 | 2.2723 | 2.2723 |
| 19.5 | 1.4588 | 0 | 2.271 | 2.271 |
| 19.5333 | 1.4588 | 0 | 2.2749 | 2.2749 |
| 19.5667 | 1.4565 | 0.0109 | 2.2775 | 2.2884 |
| 19.6 | 1.4585 | 0.0109 | 2.2854 | 2.2963 |
| 19.6333 | 1.4592 | 0.0109 | 2.2841 | 2.295 |
| 19.6667 | 1.4588 | 0.0109 | 2.2762 | 2.2871 |
| 19.7 | 1.4595 | 0 | 2.2881 | 2.2881 |
| 19.7333 | 1.4579 | 0 | 2.2815 | 2.2815 |
| 19.7667 | 1.4598 | 0.0241 | 2.2802 | 2.3042 |
| 19.8 | 1.4598 | 0 | 2.2802 | 2.2802 |
| 19.8333 | 1.4582 | 0 | 2.2749 | 2.2749 |
| 19.8667 | 1.4621 | 0 | 2.2762 | 2.2762 |
| 19.9 | 1.4611 | 0.0109 | 2.2788 | 2.2897 |
| 19.9333 | 1.4592 | 0.0109 | 2.2736 | 2.2845 |
| 19.9667 | 1.4579 | 0 | 2.2749 | 2.2749 |
| 20 | 1.4608 | 0 | 2.2841 | 2.2841 |
| 20.0333 | 1.4598 | 0.0109 | 2.2841 | 2.295 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 20.0667 | 1.4595 | 0 | 2.2775 | 2.2775 |
| 20.1 | 1.4592 | 0 | 2.2749 | 2.2749 |
| 20.1333 | 1.4602 | 0.0109 | 2.2775 | 2.2884 |
| 20.1667 | 1.4625 | 0.0109 | 2.2841 | 2.295 |
| 20.2 | 1.4621 | 0.0109 | 2.2749 | 2.2858 |
| 20.2333 | 1.4602 | 0.0109 | 2.2696 | 2.2805 |
| 20.2667 | 1.4611 | 0 | 2.2775 | 2.2775 |
| 20.3 | 1.4582 | 0.0109 | 2.2775 | 2.2884 |
| 20.3333 | 1.4618 | 0 | 2.2815 | 2.2815 |
| 20.3667 | 1.4608 | 0.0109 | 2.2815 | 2.2924 |
| 20.4 | 1.4602 | 0.0109 | 2.2828 | 2.2937 |
| 20.4333 | 1.4628 | 0 | 2.2867 | 2.2867 |
| 20.4667 | 1.4618 | 0 | 2.2841 | 2.2841 |
| 20.5 | 1.4638 | 0.0109 | 2.2881 | 2.299 |
| 20.5333 | 1.4638 | 0 | 2.2828 | 2.2828 |
| 20.5667 | 1.4625 | 0.0109 | 2.2828 | 2.2937 |
| 20.6 | 1.4598 | 0 | 2.2828 | 2.2828 |
| 20.6333 | 1.4605 | 0 | 2.2854 | 2.2854 |
| 20.6667 | 1.4648 | 0.0109 | 2.2854 | 2.2963 |
| 20.7 | 1.4648 | 0.0241 | 2.2867 | 2.3108 |
| 20.7333 | 1.4595 | 0 | 2.2867 | 2.2867 |
| 20.7667 | 1.4635 | 0 | 2.2881 | 2.2881 |
| 20.8 | 1.4602 | 0 | 2.2867 | 2.2867 |
| 20.8333 | 1.4618 | 0.0109 | 2.2867 | 2.2976 |
| 20.8667 | 1.4638 | 0 | 2.2881 | 2.2881 |
| 20.9 | 1.4677 | 0 | 2.2973 | 2.2973 |
| 20.9333 | 1.4621 | 0 | 2.2894 | 2.2894 |
| 20.9667 | 1.4631 | 0.0109 | 2.2973 | 2.3082 |
| 21 | 1.4618 | 0.0109 | 2.2946 | 2.3055 |
| 21.0333 | 1.4618 | 0 | 2.2946 | 2.2946 |
| 21.0667 | 1.4625 | 0 | 2.2973 | 2.2973 |
| 21.1 | 1.4618 | 0 | 2.2933 | 2.2933 |
| 21.1333 | 1.4628 | 0 | 2.2986 | 2.2986 |
| 21.1667 | 1.4608 | 0 | 2.2933 | 2.2933 |
| 21.2 | 1.4605 | 0.0109 | 2.3038 | 2.3147 |
| 21.2333 | 1.4595 | 0 | 2.2999 | 2.2999 |
| 21.2667 | 1.4572 | 0 | 2.2986 | 2.2986 |
| 21.3 | 1.4585 | 0 | 2.2881 | 2.2881 |
| 21.3333 | 1.4605 | 0 | 2.292 | 2.292 |
| 21.3667 | 1.4562 | 0 | 2.2986 | 2.2986 |
| 21.4 | 1.4598 | 0 | 2.2881 | 2.2881 |
| 21.4333 | 1.4562 | 0 | 2.3012 | 2.3012 |
| 21.4667 | 1.4579 | 0 | 2.292 | 2.292 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 21.5 | 1.4559 | 0 | 2.2986 | 2.2986 |
| 21.5333 | 1.4569 | 0.0109 | 2.2933 | 2.3042 |
| 21.5667 | 1.4565 | 0 | 2.2973 | 2.2973 |
| 21.6 | 1.4592 | 0.0241 | 2.2881 | 2.3121 |
| 21.6333 | 1.4556 | 0.0241 | 2.2933 | 2.3174 |
| 21.6667 | 1.4565 | 0 | 2.2986 | 2.2986 |
| 21.7 | 1.4556 | 0 | 2.2986 | 2.2986 |
| 21.7333 | 1.4549 | 0 | 2.292 | 2.292 |
| 21.7667 | 1.4569 | 0 | 2.2986 | 2.2986 |
| 21.8 | 1.4565 | 0 | 2.3025 | 2.3025 |
| 21.8333 | 1.4549 | 0 | 2.2946 | 2.2946 |
| 21.8667 | 1.4532 | 0 | 2.2959 | 2.2959 |
| 21.9 | 1.4542 | 0.0109 | 2.2999 | 2.3108 |
| 21.9333 | 1.4532 | 0 | 2.2973 | 2.2973 |
| 21.9667 | 1.4523 | 0 | 2.2986 | 2.2986 |
| 22 | 1.4523 | 0.0241 | 2.2973 | 2.3213 |
| 22.0333 | 1.4539 | 0 | 2.2999 | 2.2999 |
| 22.0667 | 1.4539 | 0.0109 | 2.2946 | 2.3055 |
| 22.1 | 1.4539 | 0 | 2.2999 | 2.2999 |
| 22.1333 | 1.4483 | 0 | 2.3025 | 2.3025 |
| 22.1667 | 1.4503 | 0 | 2.2973 | 2.2973 |
| 22.2 | 1.4509 | 0.0109 | 2.3038 | 2.3147 |
| 22.2333 | 1.4503 | 0 | 2.3025 | 2.3025 |
| 22.2667 | 1.45 | 0 | 2.3038 | 2.3038 |
| 22.3 | 1.448 | 0 | 2.3038 | 2.3038 |
| 22.3333 | 1.4513 | 0 | 2.3025 | 2.3025 |
| 22.3667 | 1.4496 | 0 | 2.3078 | 2.3078 |
| 22.4 | 1.4513 | 0 | 2.3025 | 2.3025 |
| 22.4333 | 1.4509 | 0 | 2.2959 | 2.2959 |
| 22.4667 | 1.4486 | 0.0109 | 2.2986 | 2.3095 |
| 22.5 | 1.448 | 0.0109 | 2.3051 | 2.316 |
| 22.5333 | 1.4477 | 0 | 2.2986 | 2.2986 |
| 22.5667 | 1.449 | 0.0109 | 2.3051 | 2.316 |
| 22.6 | 1.445 | 0 | 2.3025 | 2.3025 |
| 22.6333 | 1.448 | 0.0109 | 2.2999 | 2.3108 |
| 22.6667 | 1.447 | 0 | 2.3091 | 2.3091 |
| 22.7 | 1.4477 | 0.0109 | 2.2999 | 2.3108 |
| 22.7333 | 1.4493 | 0 | 2.3038 | 2.3038 |
| 22.7667 | 1.4486 | 0 | 2.3038 | 2.3038 |
| 22.8 | 1.4454 | 0.0109 | 2.2986 | 2.3095 |
| 22.8333 | 1.448 | 0.0109 | 2.3051 | 2.316 |
| 22.8667 | 1.4477 | 0 | 2.3051 | 2.3051 |
| 22.9 | 1.4467 | 0 | 2.3065 | 2.3065 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 22.9333 | 1.445 | 0.0241 | 2.3078 | 2.3318 |
| 22.9667 | 1.4437 | 0 | 2.3065 | 2.3065 |
| 23 | 1.4447 | 0.0241 | 2.2999 | 2.3239 |
| 23.0333 | 1.448 | 0 | 2.3038 | 2.3038 |
| 23.0667 | 1.4467 | 0 | 2.3051 | 2.3051 |
| 23.1 | 1.4463 | 0.0109 | 2.3038 | 2.3147 |
| 23.1333 | 1.447 | 0.0109 | 2.3038 | 2.3147 |
| 23.1667 | 1.4454 | 0 | 2.3091 | 2.3091 |
| 23.2 | 1.4437 | 0 | 2.3025 | 2.3025 |
| 23.2333 | 1.4444 | 0 | 2.2999 | 2.2999 |
| 23.2667 | 1.4437 | 0 | 2.3038 | 2.3038 |
| 23.3 | 1.4463 | 0.0109 | 2.3038 | 2.3147 |
| 23.3333 | 1.4437 | 0 | 2.3038 | 2.3038 |
| 23.3667 | 1.443 | 0 | 2.3012 | 2.3012 |
| 23.4 | 1.445 | 0 | 2.3012 | 2.3012 |
| 23.4333 | 1.443 | 0 | 2.2986 | 2.2986 |
| 23.4667 | 1.4421 | 0 | 2.3038 | 2.3038 |
| 23.5 | 1.4434 | 0 | 2.3078 | 2.3078 |
| 23.5333 | 1.4427 | 0.0109 | 2.3025 | 2.3134 |
| 23.5667 | 1.4401 | 0 | 2.3025 | 2.3025 |
| 23.6 | 1.4414 | 0.0109 | 2.3038 | 2.3147 |
| 23.6333 | 1.443 | 0 | 2.3091 | 2.3091 |
| 23.6667 | 1.4394 | 0 | 2.2959 | 2.2959 |
| 23.7 | 1.4398 | 0.0109 | 2.3038 | 2.3147 |
| 23.7333 | 1.4407 | 0 | 2.2959 | 2.2959 |
| 23.7667 | 1.4414 | 0.0109 | 2.3038 | 2.3147 |
| 23.8 | 1.4424 | 0 | 2.2999 | 2.2999 |
| 23.8333 | 1.4411 | 0.0109 | 2.2946 | 2.3055 |
| 23.8667 | 1.4414 | 0 | 2.2986 | 2.2986 |
| 23.9 | 1.4404 | 0 | 2.292 | 2.292 |
| 23.9333 | 1.4401 | 0 | 2.2999 | 2.2999 |
| 23.9667 | 1.4388 | 0.0109 | 2.3012 | 2.3121 |
| 24 | 1.4388 | 0.0109 | 2.3025 | 2.3134 |
| 24.0333 | 1.4384 | 0 | 2.2999 | 2.2999 |
| 24.0667 | 1.4414 | 0.0109 | 2.2999 | 2.3108 |
| 24.1 | 1.4401 | 0.0109 | 2.3025 | 2.3134 |
| 24.1333 | 1.4394 | 0.0109 | 2.3012 | 2.3121 |
| 24.1667 | 1.4404 | 0 | 2.3038 | 2.3038 |
| 24.2 | 1.4401 | 0 | 2.3012 | 2.3012 |
| 24.2333 | 1.4407 | 0.0241 | 2.2986 | 2.3226 |
| 24.2667 | 1.4371 | 0.0109 | 2.2999 | 2.3108 |
| 24.3 | 1.4401 | 0 | 2.2999 | 2.2999 |
| 24.3333 | 1.4384 | 0.0109 | 2.2973 | 2.3082 |

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October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 24.3667 | 1.4371 | 0 | 2.2973 | 2.2973 |
| 24.4 | 1.4378 | 0 | 2.2933 | 2.2933 |
| 24.4333 | 1.4394 | 0 | 2.3012 | 2.3012 |
| 24.4667 | 1.4388 | 0 | 2.2999 | 2.2999 |
| 24.5 | 1.4391 | 0 | 2.2959 | 2.2959 |
| 24.5333 | 1.4388 | 0.0109 | 2.2946 | 2.3055 |
| 24.5667 | 1.4378 | 0.0109 | 2.2946 | 2.3055 |
| 24.6 | 1.4384 | 0.0109 | 2.2999 | 2.3108 |
| 24.6333 | 1.4391 | 0.0109 | 2.2907 | 2.3016 |
| 24.6667 | 1.4391 | 0 | 2.2946 | 2.2946 |
| 24.7 | 1.4371 | 0 | 2.2973 | 2.2973 |
| 24.7333 | 1.4381 | 0.0109 | 2.292 | 2.3029 |
| 24.7667 | 1.4328 | 0.0109 | 2.2973 | 2.3082 |
| 24.8 | 1.4384 | 0.0241 | 2.2959 | 2.32 |
| 24.8333 | 1.4371 | 0 | 2.2933 | 2.2933 |
| 24.8667 | 1.4368 | 0.0109 | 2.2933 | 2.3042 |
| 24.9 | 1.4371 | 0.0109 | 2.2933 | 2.3042 |
| 24.9333 | 1.4381 | 0 | 2.2946 | 2.2946 |
| 24.9667 | 1.4371 | 0 | 2.2959 | 2.2959 |
| 25 | 1.4378 | 0 | 2.2894 | 2.2894 |
| 25.0333 | 1.4365 | 0 | 2.2815 | 2.2815 |
| 25.0667 | 1.4358 | 0 | 2.2894 | 2.2894 |
| 25.1 | 1.4338 | 0 | 2.2815 | 2.2815 |
| 25.1333 | 1.4345 | 0 | 2.2973 | 2.2973 |
| 25.1667 | 1.4368 | 0.0109 | 2.2828 | 2.2937 |
| 25.2 | 1.4348 | 0 | 2.2907 | 2.2907 |
| 25.2333 | 1.4348 | 0.0109 | 2.2907 | 2.3016 |
| 25.2667 | 1.4358 | 0 | 2.2894 | 2.2894 |
| 25.3 | 1.4355 | 0 | 2.2907 | 2.2907 |
| 25.3333 | 1.4378 | 0 | 2.2907 | 2.2907 |
| 25.3667 | 1.4355 | 0 | 2.2854 | 2.2854 |
| 25.4 | 1.4342 | 0.0109 | 2.292 | 2.3029 |
| 25.4333 | 1.4338 | 0 | 2.2933 | 2.2933 |
| 25.4667 | 1.4358 | 0.0241 | 2.2854 | 2.3095 |
| 25.5 | 1.4305 | 0 | 2.2828 | 2.2828 |
| 25.5333 | 1.4319 | 0 | 2.2867 | 2.2867 |
| 25.5667 | 1.4338 | 0 | 2.2854 | 2.2854 |
| 25.6 | 1.4335 | 0.0109 | 2.2894 | 2.3003 |
| 25.6333 | 1.4335 | 0 | 2.292 | 2.292 |
| 25.6667 | 1.4345 | 0.0241 | 2.2867 | 2.3108 |
| 25.7 | 1.4325 | 0 | 2.2881 | 2.2881 |
| 25.7333 | 1.4335 | 0.0109 | 2.2881 | 2.299 |
| 25.7667 | 1.4319 | 0 | 2.2867 | 2.2867 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 25.8 | 1.4319 | 0.0109 | 2.2815 | 2.2924 |
| 25.8333 | 1.4345 | 0 | 2.2828 | 2.2828 |
| 25.8667 | 1.4338 | 0 | 2.2867 | 2.2867 |
| 25.9 | 1.4348 | 0.0109 | 2.2854 | 2.2963 |
| 25.9333 | 1.4342 | 0.0241 | 2.2841 | 2.3082 |
| 25.9667 | 1.4312 | 0.0109 | 2.2867 | 2.2976 |
| 26 | 1.4325 | 0 | 2.2815 | 2.2815 |
| 26.0333 | 1.4332 | 0.0241 | 2.2828 | 2.3068 |
| 26.0667 | 1.4299 | 0 | 2.2841 | 2.2841 |
| 26.1 | 1.4325 | 0 | 2.2841 | 2.2841 |
| 26.1333 | 1.4292 | 0 | 2.292 | 2.292 |
| 26.1667 | 1.4332 | 0 | 2.2881 | 2.2881 |
| 26.2 | 1.4299 | 0.0109 | 2.292 | 2.3029 |
| 26.2333 | 1.4292 | 0.0109 | 2.2894 | 2.3003 |
| 26.2667 | 1.4325 | 0 | 2.2946 | 2.2946 |
| 26.3 | 1.4315 | 0.0109 | 2.2894 | 2.3003 |
| 26.3333 | 1.4335 | 0.0109 | 2.2881 | 2.299 |
| 26.3667 | 1.4289 | 0 | 2.2933 | 2.2933 |
| 26.4 | 1.4332 | 0 | 2.2894 | 2.2894 |
| 26.4333 | 1.4309 | 0.0109 | 2.292 | 2.3029 |
| 26.4667 | 1.4296 | 0 | 2.292 | 2.292 |
| 26.5 | 1.4322 | 0.0241 | 2.292 | 2.316 |
| 26.5333 | 1.4305 | 0.0109 | 2.2894 | 2.3003 |
| 26.5667 | 1.4312 | 0.0109 | 2.292 | 2.3029 |
| 26.6 | 1.4296 | 0.0109 | 2.2894 | 2.3003 |
| 26.6333 | 1.4272 | 0 | 2.2946 | 2.2946 |
| 26.6667 | 1.4305 | 0 | 2.2867 | 2.2867 |
| 26.7 | 1.4296 | 0 | 2.292 | 2.292 |
| 26.7333 | 1.4276 | 0.0109 | 2.2946 | 2.3055 |
| 26.7667 | 1.4276 | 0.0109 | 2.2933 | 2.3042 |
| 26.8 | 1.4263 | 0.0241 | 2.2946 | 2.3187 |
| 26.8333 | 1.4266 | 0 | 2.2946 | 2.2946 |
| 26.8667 | 1.4272 | 0.0109 | 2.2999 | 2.3108 |
| 26.9 | 1.4266 | 0.0241 | 2.2986 | 2.3226 |
| 26.9333 | 1.4309 | 0.0109 | 2.2907 | 2.3016 |
| 26.9667 | 1.4263 | 0 | 2.2946 | 2.2946 |
| 27 | 1.4292 | 0.0109 | 2.2881 | 2.299 |
| 27.0333 | 1.4292 | 0 | 2.2986 | 2.2986 |
| 27.0667 | 1.4259 | 0.0109 | 2.3025 | 2.3134 |
| 27.1 | 1.4249 | 0 | 2.2907 | 2.2907 |
| 27.1333 | 1.4305 | 0.0109 | 2.2933 | 2.3042 |
| 27.1667 | 1.4282 | 0 | 2.2973 | 2.2973 |
| 27.2 | 1.4256 | 0 | 2.2946 | 2.2946 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 27.2333 | 1.4243 | 0.0109 | 2.2933 | 2.3042 |
| 27.2667 | 1.4266 | 0.0109 | 2.2959 | 2.3068 |
| 27.3 | 1.4263 | 0.0109 | 2.292 | 2.3029 |
| 27.3333 | 1.4286 | 0 | 2.2881 | 2.2881 |
| 27.3667 | 1.4266 | 0.0109 | 2.2828 | 2.2937 |
| 27.4 | 1.4302 | 0 | 2.2841 | 2.2841 |
| 27.4333 | 1.4286 | 0 | 2.2867 | 2.2867 |
| 27.4667 | 1.4259 | 0.0109 | 2.2881 | 2.299 |
| 27.5 | 1.4246 | 0.0109 | 2.2867 | 2.2976 |
| 27.5333 | 1.4276 | 0 | 2.2894 | 2.2894 |
| 27.5667 | 1.4259 | 0.0109 | 2.2854 | 2.2963 |
| 27.6 | 1.4243 | 0.0109 | 2.2907 | 2.3016 |
| 27.6333 | 1.4279 | 0.0109 | 2.2841 | 2.295 |
| 27.6667 | 1.4263 | 0 | 2.2841 | 2.2841 |
| 27.7 | 1.4266 | 0 | 2.2881 | 2.2881 |
| 27.7333 | 1.4246 | 0.0109 | 2.2867 | 2.2976 |
| 27.7667 | 1.4272 | 0.0109 | 2.2867 | 2.2976 |
| 27.8 | 1.4266 | 0 | 2.292 | 2.292 |
| 27.8333 | 1.4259 | 0 | 2.2828 | 2.2828 |
| 27.8667 | 1.4259 | 0 | 2.2815 | 2.2815 |
| 27.9 | 1.4263 | 0.0109 | 2.2841 | 2.295 |
| 27.9333 | 1.4249 | 0 | 2.2894 | 2.2894 |
| 27.9667 | 1.423 | 0.0109 | 2.2854 | 2.2963 |
| 28 | 1.4269 | 0.0109 | 2.2881 | 2.299 |
| 28.0333 | 1.4243 | 0 | 2.2854 | 2.2854 |
| 28.0667 | 1.4243 | 0.0109 | 2.2828 | 2.2937 |
| 28.1 | 1.4263 | 0 | 2.2881 | 2.2881 |
| 28.1333 | 1.4259 | 0.0109 | 2.2867 | 2.2976 |
| 28.1667 | 1.424 | 0 | 2.2907 | 2.2907 |
| 28.2 | 1.4289 | 0.0109 | 2.2854 | 2.2963 |
| 28.2333 | 1.4272 | 0.0241 | 2.2907 | 2.3147 |
| 28.2667 | 1.4256 | 0 | 2.2815 | 2.2815 |
| 28.3 | 1.4282 | 0 | 2.2828 | 2.2828 |
| 28.3333 | 1.4246 | 0 | 2.2828 | 2.2828 |
| 28.3667 | 1.4266 | 0 | 2.2867 | 2.2867 |
| 28.4 | 1.4263 | 0 | 2.2828 | 2.2828 |
| 28.4333 | 1.4243 | 0.0109 | 2.2854 | 2.2963 |
| 28.4667 | 1.4263 | 0 | 2.2802 | 2.2802 |
| 28.5 | 1.4246 | 0.0109 | 2.2828 | 2.2937 |
| 28.5333 | 1.4243 | 0 | 2.292 | 2.292 |
| 28.5667 | 1.4243 | 0.0109 | 2.2867 | 2.2976 |
| 28.6 | 1.4263 | 0.0109 | 2.2867 | 2.2976 |
| 28.6333 | 1.4246 | 0 | 2.2881 | 2.2881 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 28.6667 | 1.4226 | 0.0109 | 2.2802 | 2.2911 |
| 28.7 | 1.423 | 0.0109 | 2.2854 | 2.2963 |
| 28.7333 | 1.4279 | 0 | 2.2749 | 2.2749 |
| 28.7667 | 1.4253 | 0 | 2.2841 | 2.2841 |
| 28.8 | 1.4243 | 0 | 2.2815 | 2.2815 |
| 28.8333 | 1.423 | 0 | 2.2788 | 2.2788 |
| 28.8667 | 1.4256 | 0.0109 | 2.2802 | 2.2911 |
| 28.9 | 1.4226 | 0.0109 | 2.2854 | 2.2963 |
| 28.9333 | 1.424 | 0 | 2.2815 | 2.2815 |
| 28.9667 | 1.4246 | 0.0109 | 2.2841 | 2.295 |
| 29 | 1.4233 | 0 | 2.2788 | 2.2788 |
| 29.0333 | 1.423 | 0.0109 | 2.2775 | 2.2884 |
| 29.0667 | 1.4233 | 0.0109 | 2.2775 | 2.2884 |
| 29.1 | 1.422 | 0.0109 | 2.2802 | 2.2911 |
| 29.1333 | 1.4217 | 0 | 2.2867 | 2.2867 |
| 29.1667 | 1.422 | 0.0109 | 2.2841 | 2.295 |
| 29.2 | 1.4226 | 0 | 2.2854 | 2.2854 |
| 29.2333 | 1.4243 | 0.0241 | 2.2775 | 2.3016 |
| 29.2667 | 1.4243 | 0.0109 | 2.2762 | 2.2871 |
| 29.3 | 1.4223 | 0 | 2.2736 | 2.2736 |
| 29.3333 | 1.423 | 0.0109 | 2.2815 | 2.2924 |
| 29.3667 | 1.4207 | 0 | 2.2828 | 2.2828 |
| 29.4 | 1.422 | 0.0109 | 2.2815 | 2.2924 |
| 29.4333 | 1.4253 | 0 | 2.2841 | 2.2841 |
| 29.4667 | 1.423 | 0.0109 | 2.2762 | 2.2871 |
| 29.5 | 1.4233 | 0.0109 | 2.2775 | 2.2884 |
| 29.5333 | 1.4243 | 0 | 2.2736 | 2.2736 |
| 29.5667 | 1.422 | 0 | 2.2762 | 2.2762 |
| 29.6 | 1.419 | 0.0109 | 2.2788 | 2.2897 |
| 29.6333 | 1.4213 | 0 | 2.2775 | 2.2775 |
| 29.6667 | 1.423 | 0 | 2.2736 | 2.2736 |
| 29.7 | 1.424 | 0 | 2.2788 | 2.2788 |
| 29.7333 | 1.4226 | 0.0109 | 2.2788 | 2.2897 |
| 29.7667 | 1.4203 | 0 | 2.2815 | 2.2815 |
| 29.8 | 1.4223 | 0.0109 | 2.2815 | 2.2924 |
| 29.8333 | 1.4197 | 0 | 2.2762 | 2.2762 |
| 29.8667 | 1.422 | 0.0109 | 2.2788 | 2.2897 |
| 29.9 | 1.4226 | 0 | 2.2802 | 2.2802 |
| 29.9333 | 1.4223 | 0 | 2.2828 | 2.2828 |
| 29.9667 | 1.422 | 0.0109 | 2.2815 | 2.2924 |
| 30 | 1.4233 | 0 | 2.2775 | 2.2775 |
| 30.0333 | 1.423 | 0 | 2.2815 | 2.2815 |
| 30.0667 | 1.4207 | 0 | 2.2802 | 2.2802 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 30.1 | 1.4236 | 0 | 2.271 | 2.271 |
| 30.1333 | 1.4203 | 0.0109 | 2.271 | 2.2819 |
| 30.1667 | 1.422 | 0.0241 | 2.2723 | 2.2963 |
| 30.2 | 1.4187 | 0.0109 | 2.2788 | 2.2897 |
| 30.2333 | 1.4223 | 0.0109 | 2.2723 | 2.2832 |
| 30.2667 | 1.421 | 0 | 2.2749 | 2.2749 |
| 30.3 | 1.42 | 0 | 2.267 | 2.267 |
| 30.3333 | 1.422 | 0.0109 | 2.2723 | 2.2832 |
| 30.3667 | 1.4213 | 0 | 2.2657 | 2.2657 |
| 30.4 | 1.422 | 0 | 2.2749 | 2.2749 |
| 30.4333 | 1.4236 | 0 | 2.267 | 2.267 |
| 30.4667 | 1.4203 | 0.0241 | 2.2618 | 2.2858 |
| 30.5 | 1.42 | 0 | 2.267 | 2.267 |
| 30.5333 | 1.4197 | 0 | 2.2631 | 2.2631 |
| 30.5667 | 1.4223 | 0 | 2.267 | 2.267 |
| 30.6 | 1.421 | 0.0109 | 2.2683 | 2.2792 |
| 30.6333 | 1.4226 | 0 | 2.2736 | 2.2736 |
| 30.6667 | 1.423 | 0.0109 | 2.2618 | 2.2727 |
| 30.7 | 1.4187 | 0 | 2.2736 | 2.2736 |
| 30.7333 | 1.4197 | 0.0109 | 2.267 | 2.2779 |
| 30.7667 | 1.422 | 0.0241 | 2.2696 | 2.2937 |
| 30.8 | 1.4217 | 0 | 2.267 | 2.267 |
| 30.8333 | 1.422 | 0.0109 | 2.267 | 2.2779 |
| 30.8667 | 1.4213 | 0 | 2.2644 | 2.2644 |
| 30.9 | 1.4213 | 0 | 2.2631 | 2.2631 |
| 30.9333 | 1.4187 | 0 | 2.2723 | 2.2723 |
| 30.9667 | 1.4197 | 0 | 2.2696 | 2.2696 |
| 31 | 1.4213 | 0 | 2.2644 | 2.2644 |
| 31.0333 | 1.422 | 0 | 2.2644 | 2.2644 |
| 31.0667 | 1.4213 | 0 | 2.267 | 2.267 |
| 31.1 | 1.4213 | 0 | 2.2644 | 2.2644 |
| 31.1333 | 1.421 | 0 | 2.2591 | 2.2591 |
| 31.1667 | 1.4184 | 0 | 2.2578 | 2.2578 |
| 31.2 | 1.42 | 0.0109 | 2.2618 | 2.2727 |
| 31.2333 | 1.4203 | 0 | 2.2618 | 2.2618 |
| 31.2667 | 1.4203 | 0 | 2.2578 | 2.2578 |
| 31.3 | 1.4203 | 0 | 2.2618 | 2.2618 |
| 31.3333 | 1.4197 | 0 | 2.2604 | 2.2604 |
| 31.3667 | 1.4164 | 0 | 2.2604 | 2.2604 |
| 31.4 | 1.4197 | 0.0109 | 2.2578 | 2.2687 |
| 31.4333 | 1.4203 | 0 | 2.2499 | 2.2499 |
| 31.4667 | 1.4187 | 0 | 2.2525 | 2.2525 |
| 31.5 | 1.4213 | 0.0109 | 2.2525 | 2.2634 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 31.5333 | 1.4187 | 0.0109 | 2.2552 | 2.2661 |
| 31.5667 | 1.4193 | 0.0241 | 2.2578 | 2.2819 |
| 31.6 | 1.417 | 0 | 2.2618 | 2.2618 |
| 31.6333 | 1.4236 | 0.0109 | 2.2565 | 2.2674 |
| 31.6667 | 1.417 | 0 | 2.2552 | 2.2552 |
| 31.7 | 1.4177 | 0 | 2.2578 | 2.2578 |
| 31.7333 | 1.4187 | 0 | 2.2604 | 2.2604 |
| 31.7667 | 1.4177 | 0.0109 | 2.2644 | 2.2753 |
| 31.8 | 1.4203 | 0.0109 | 2.2578 | 2.2687 |
| 31.8333 | 1.4177 | 0 | 2.2604 | 2.2604 |
| 31.8667 | 1.4207 | 0 | 2.2578 | 2.2578 |
| 31.9 | 1.419 | 0.0109 | 2.2578 | 2.2687 |
| 31.9333 | 1.42 | 0 | 2.2565 | 2.2565 |
| 31.9667 | 1.419 | 0.0109 | 2.2618 | 2.2727 |
| 32 | 1.4223 | 0.0109 | 2.2565 | 2.2674 |
| 32.0333 | 1.423 | 0 | 2.2552 | 2.2552 |
| 32.0667 | 1.419 | 0 | 2.2565 | 2.2565 |
| 32.1 | 1.424 | 0.0109 | 2.2604 | 2.2713 |
| 32.1333 | 1.4223 | 0 | 2.2578 | 2.2578 |
| 32.1667 | 1.423 | 0.0109 | 2.2618 | 2.2727 |
| 32.2 | 1.4249 | 0.0109 | 2.2565 | 2.2674 |
| 32.2333 | 1.4217 | 0 | 2.2604 | 2.2604 |
| 32.2667 | 1.4246 | 0.0109 | 2.2618 | 2.2727 |
| 32.3 | 1.4246 | 0.0109 | 2.2631 | 2.274 |
| 32.3333 | 1.4223 | 0 | 2.2618 | 2.2618 |
| 32.3667 | 1.419 | 0 | 2.2604 | 2.2604 |
| 32.4 | 1.4213 | 0.0109 | 2.2644 | 2.2753 |
| 32.4333 | 1.4226 | 0.0109 | 2.2631 | 2.274 |
| 32.4667 | 1.4203 | 0 | 2.2604 | 2.2604 |
| 32.5 | 1.423 | 0 | 2.2657 | 2.2657 |
| 32.5333 | 1.424 | 0.0109 | 2.2631 | 2.274 |
| 32.5667 | 1.421 | 0 | 2.267 | 2.267 |
| 32.6 | 1.4213 | 0 | 2.2618 | 2.2618 |
| 32.6333 | 1.4233 | 0 | 2.2631 | 2.2631 |
| 32.6667 | 1.4207 | 0.0109 | 2.2657 | 2.2766 |
| 32.7 | 1.4197 | 0 | 2.2683 | 2.2683 |
| 32.7333 | 1.421 | 0.0109 | 2.2604 | 2.2713 |
| 32.7667 | 1.4259 | 0.0109 | 2.2631 | 2.274 |
| 32.8 | 1.4213 | 0 | 2.267 | 2.267 |
| 32.8333 | 1.4246 | 0 | 2.2604 | 2.2604 |
| 32.8667 | 1.4259 | 0 | 2.2631 | 2.2631 |
| 32.9 | 1.424 | 0.0109 | 2.2618 | 2.2727 |
| 32.9333 | 1.4259 | 0 | 2.2604 | 2.2604 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 32.9667 | 1.4269 | 0 | 2.2618 | 2.2618 |
| 33 | 1.4246 | 0 | 2.2618 | 2.2618 |
| 33.0333 | 1.4263 | 0 | 2.2631 | 2.2631 |
| 33.0667 | 1.4269 | 0 | 2.2631 | 2.2631 |
| 33.1 | 1.4269 | 0 | 2.2591 | 2.2591 |
| 33.1333 | 1.4279 | 0.0109 | 2.2683 | 2.2792 |
| 33.1667 | 1.4246 | 0.0109 | 2.2565 | 2.2674 |
| 33.2 | 1.4269 | 0 | 2.2644 | 2.2644 |
| 33.2333 | 1.4296 | 0 | 2.2644 | 2.2644 |
| 33.2667 | 1.4279 | 0.0241 | 2.271 | 2.295 |
| 33.3 | 1.4253 | 0 | 2.2657 | 2.2657 |
| 33.3333 | 1.4302 | 0.0109 | 2.2683 | 2.2792 |
| 33.3667 | 1.4276 | 0 | 2.267 | 2.267 |
| 33.4 | 1.4302 | 0 | 2.2657 | 2.2657 |
| 33.4333 | 1.4302 | 0.0109 | 2.2618 | 2.2727 |
| 33.4667 | 1.4309 | 0.0241 | 2.2683 | 2.2924 |
| 33.5 | 1.4296 | 0.0241 | 2.2696 | 2.2937 |
| 33.5333 | 1.4325 | 0 | 2.2657 | 2.2657 |
| 33.5667 | 1.4312 | 0.0109 | 2.2749 | 2.2858 |
| 33.6 | 1.4325 | 0 | 2.271 | 2.271 |
| 33.6333 | 1.4335 | 0 | 2.271 | 2.271 |
| 33.6667 | 1.4299 | 0.0109 | 2.2749 | 2.2858 |
| 33.7 | 1.4332 | 0 | 2.2762 | 2.2762 |
| 33.7333 | 1.4328 | 0.0109 | 2.2723 | 2.2832 |
| 33.7667 | 1.4338 | 0.0109 | 2.2775 | 2.2884 |
| 33.8 | 1.4345 | 0 | 2.271 | 2.271 |
| 33.8333 | 1.4355 | 0 | 2.2775 | 2.2775 |
| 33.8667 | 1.4335 | 0.0109 | 2.2775 | 2.2884 |
| 33.9 | 1.4345 | 0.0109 | 2.2802 | 2.2911 |
| 33.9333 | 1.4338 | 0 | 2.2749 | 2.2749 |
| 33.9667 | 1.4345 | 0 | 2.2815 | 2.2815 |
| 34 | 1.4342 | 0.0241 | 2.2762 | 2.3003 |
| 34.0333 | 1.4361 | 0.0109 | 2.2788 | 2.2897 |
| 34.0667 | 1.4368 | 0.0109 | 2.2762 | 2.2871 |
| 34.1 | 1.4368 | 0 | 2.2788 | 2.2788 |
| 34.1333 | 1.4371 | 0 | 2.2788 | 2.2788 |
| 34.1667 | 1.4358 | 0 | 2.2802 | 2.2802 |
| 34.2 | 1.4381 | 0 | 2.2854 | 2.2854 |
| 34.2333 | 1.4391 | 0.0109 | 2.2775 | 2.2884 |
| 34.2667 | 1.4368 | 0 | 2.2802 | 2.2802 |
| 34.3 | 1.4394 | 0.0109 | 2.2815 | 2.2924 |
| 34.3333 | 1.4398 | 0 | 2.2775 | 2.2775 |
| 34.3667 | 1.4414 | 0.0109 | 2.2867 | 2.2976 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 34.4 | 1.4391 | 0 | 2.2854 | 2.2854 |
| 34.4333 | 1.4384 | 0 | 2.2815 | 2.2815 |
| 34.4667 | 1.4398 | 0.0109 | 2.2841 | 2.295 |
| 34.5 | 1.4378 | 0 | 2.2881 | 2.2881 |
| 34.5333 | 1.4404 | 0.0109 | 2.2867 | 2.2976 |
| 34.5667 | 1.4421 | 0.0109 | 2.2762 | 2.2871 |
| 34.6 | 1.443 | 0 | 2.2815 | 2.2815 |
| 34.6333 | 1.4417 | 0 | 2.2867 | 2.2867 |
| 34.6667 | 1.445 | 0 | 2.2854 | 2.2854 |
| 34.7 | 1.4407 | 0 | 2.2881 | 2.2881 |
| 34.7333 | 1.443 | 0 | 2.2841 | 2.2841 |
| 34.7667 | 1.443 | 0 | 2.2867 | 2.2867 |
| 34.8 | 1.443 | 0.0109 | 2.2894 | 2.3003 |
| 34.8333 | 1.4457 | 0 | 2.2907 | 2.2907 |
| 34.8667 | 1.4457 | 0 | 2.292 | 2.292 |
| 34.9 | 1.4457 | 0.0109 | 2.292 | 2.3029 |
| 34.9333 | 1.4454 | 0.0109 | 2.2933 | 2.3042 |
| 34.9667 | 1.4444 | 0.0109 | 2.2907 | 2.3016 |
| 35 | 1.4437 | 0 | 2.2881 | 2.2881 |
| 35.0333 | 1.4457 | 0 | 2.2881 | 2.2881 |
| 35.0667 | 1.4457 | 0 | 2.2854 | 2.2854 |
| 35.1 | 1.4437 | 0.0109 | 2.292 | 2.3029 |
| 35.1333 | 1.4447 | 0 | 2.2867 | 2.2867 |
| 35.1667 | 1.449 | 0 | 2.2867 | 2.2867 |
| 35.2 | 1.4473 | 0 | 2.2815 | 2.2815 |
| 35.2333 | 1.447 | 0 | 2.2881 | 2.2881 |
| 35.2667 | 1.4493 | 0 | 2.2907 | 2.2907 |
| 35.3 | 1.4473 | 0.0109 | 2.2841 | 2.295 |
| 35.3333 | 1.449 | 0.0109 | 2.2841 | 2.295 |
| 35.3667 | 1.4506 | 0 | 2.2841 | 2.2841 |
| 35.4 | 1.4477 | 0 | 2.2867 | 2.2867 |
| 35.4333 | 1.4477 | 0.0109 | 2.2881 | 2.299 |
| 35.4667 | 1.4486 | 0 | 2.2841 | 2.2841 |
| 35.5 | 1.4486 | 0 | 2.2867 | 2.2867 |
| 35.5333 | 1.446 | 0.0241 | 2.2894 | 2.3134 |
| 35.5667 | 1.45 | 0.0241 | 2.2986 | 2.3226 |
| 35.6 | 1.4493 | 0.0109 | 2.2907 | 2.3016 |
| 35.6333 | 1.4509 | 0 | 2.2933 | 2.2933 |
| 35.6667 | 1.45 | 0.0109 | 2.2907 | 2.3016 |
| 35.7 | 1.449 | 0 | 2.2946 | 2.2946 |
| 35.7333 | 1.4493 | 0.0109 | 2.2959 | 2.3068 |
| 35.7667 | 1.4506 | 0.0109 | 2.2973 | 2.3082 |
| 35.8 | 1.4516 | 0 | 2.2946 | 2.2946 |

Areva NP Inc.

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October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 35.8333 | 1.4523 | 0 | 2.2946 | 2.2946 |
| 35.8667 | 1.4529 | 0 | 2.2959 | 2.2959 |
| 35.9 | 1.4526 | 0.0109 | 2.2959 | 2.3068 |
| 35.9333 | 1.4526 | 0 | 2.3025 | 2.3025 |
| 35.9667 | 1.4539 | 0 | 2.2933 | 2.2933 |
| 36 | 1.4529 | 0 | 2.2933 | 2.2933 |
| 36.0333 | 1.4516 | 0.0241 | 2.2973 | 2.3213 |
| 36.0667 | 1.4529 | 0 | 2.2973 | 2.2973 |
| 36.1 | 1.4556 | 0.0109 | 2.2973 | 2.3082 |
| 36.1333 | 1.4542 | 0 | 2.2959 | 2.2959 |
| 36.1667 | 1.4539 | 0 | 2.2973 | 2.2973 |
| 36.2 | 1.4516 | 0 | 2.2973 | 2.2973 |
| 36.2333 | 1.4539 | 0.0109 | 2.2999 | 2.3108 |
| 36.2667 | 1.4532 | 0 | 2.292 | 2.292 |
| 36.3 | 1.4539 | 0.0109 | 2.3065 | 2.3174 |
| 36.3333 | 1.4582 | 0.0109 | 2.2986 | 2.3095 |
| 36.3667 | 1.4559 | 0.0241 | 2.3038 | 2.3279 |
| 36.4 | 1.4565 | 0.0241 | 2.3038 | 2.3279 |
| 36.4333 | 1.4529 | 0.0109 | 2.3012 | 2.3121 |
| 36.4667 | 1.4532 | 0.0109 | 2.3038 | 2.3147 |
| 36.5 | 1.4559 | 0.0109 | 2.3025 | 2.3134 |
| 36.5333 | 1.4562 | 0 | 2.3025 | 2.3025 |
| 36.5667 | 1.4536 | 0 | 2.3025 | 2.3025 |
| 36.6 | 1.4539 | 0 | 2.2986 | 2.2986 |
| 36.6333 | 1.4546 | 0 | 2.3078 | 2.3078 |
| 36.6667 | 1.4539 | 0.0109 | 2.3065 | 2.3174 |
| 36.7 | 1.4556 | 0 | 2.2986 | 2.2986 |
| 36.7333 | 1.4579 | 0 | 2.2999 | 2.2999 |
| 36.7667 | 1.4572 | 0.0109 | 2.3012 | 2.3121 |
| 36.8 | 1.4582 | 0.0241 | 2.3065 | 2.3305 |
| 36.8333 | 1.4592 | 0.0109 | 2.3038 | 2.3147 |
| 36.8667 | 1.4598 | 0.0109 | 2.2959 | 2.3068 |
| 36.9 | 1.4565 | 0 | 2.2999 | 2.2999 |
| 36.9333 | 1.4569 | 0 | 2.3051 | 2.3051 |
| 36.9667 | 1.4608 | 0.0109 | 2.3038 | 2.3147 |
| 37 | 1.4598 | 0.0109 | 2.3038 | 2.3147 |
| 37.0333 | 1.4585 | 0 | 2.2986 | 2.2986 |
| 37.0667 | 1.4575 | 0 | 2.3051 | 2.3051 |
| 37.1 | 1.4615 | 0.0109 | 2.3025 | 2.3134 |
| 37.1333 | 1.4608 | 0.0109 | 2.3065 | 2.3174 |
| 37.1667 | 1.4579 | 0 | 2.3038 | 2.3038 |
| 37.2 | 1.4575 | 0.0241 | 2.3117 | 2.3358 |
| 37.2333 | 1.4595 | 0.0109 | 2.3051 | 2.316 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 37.2667 | 1.4592 | 0 | 2.3104 | 2.3104 |
| 37.3 | 1.4602 | 0 | 2.3078 | 2.3078 |
| 37.3333 | 1.4621 | 0.0109 | 2.3051 | 2.316 |
| 37.3667 | 1.4588 | 0.0109 | 2.3065 | 2.3174 |
| 37.4 | 1.4585 | 0 | 2.313 | 2.313 |
| 37.4333 | 1.4615 | 0.0109 | 2.3104 | 2.3213 |
| 37.4667 | 1.4585 | 0.0241 | 2.3078 | 2.3318 |
| 37.5 | 1.4605 | 0.0109 | 2.3117 | 2.3226 |
| 37.5333 | 1.4618 | 0 | 2.3078 | 2.3078 |
| 37.5667 | 1.4611 | 0.0109 | 2.3104 | 2.3213 |
| 37.6 | 1.4595 | 0 | 2.3117 | 2.3117 |
| 37.6333 | 1.4602 | 0.0109 | 2.3117 | 2.3226 |
| 37.6667 | 1.4631 | 0 | 2.3078 | 2.3078 |
| 37.7 | 1.4615 | 0.0109 | 2.313 | 2.3239 |
| 37.7333 | 1.4605 | 0 | 2.313 | 2.313 |
| 37.7667 | 1.4625 | 0 | 2.3183 | 2.3183 |
| 37.8 | 1.4602 | 0 | 2.3183 | 2.3183 |
| 37.8333 | 1.4611 | 0.0109 | 2.3183 | 2.3292 |
| 37.8667 | 1.4651 | 0.0109 | 2.3104 | 2.3213 |
| 37.9 | 1.4598 | 0 | 2.3157 | 2.3157 |
| 37.9333 | 1.4631 | 0 | 2.3144 | 2.3144 |
| 37.9667 | 1.4621 | 0 | 2.313 | 2.313 |
| 38 | 1.4635 | 0 | 2.313 | 2.313 |
| 38.0333 | 1.4638 | 0.0109 | 2.3144 | 2.3253 |
| 38.0667 | 1.4608 | 0 | 2.313 | 2.313 |
| 38.1 | 1.4641 | 0 | 2.3091 | 2.3091 |
| 38.1333 | 1.4611 | 0 | 2.3091 | 2.3091 |
| 38.1667 | 1.4635 | 0.0109 | 2.313 | 2.3239 |
| 38.2 | 1.4644 | 0 | 2.3196 | 2.3196 |
| 38.2333 | 1.4608 | 0 | 2.3183 | 2.3183 |
| 38.2667 | 1.4598 | 0.0109 | 2.3144 | 2.3253 |
| 38.3 | 1.4648 | 0 | 2.3157 | 2.3157 |
| 38.3333 | 1.4628 | 0.0109 | 2.3196 | 2.3305 |
| 38.3667 | 1.4641 | 0 | 2.317 | 2.317 |
| 38.4 | 1.4628 | 0.0109 | 2.3144 | 2.3253 |
| 38.4333 | 1.4621 | 0.0109 | 2.3144 | 2.3253 |
| 38.4667 | 1.4611 | 0.0109 | 2.3157 | 2.3266 |
| 38.5 | 1.4615 | 0 | 2.3262 | 2.3262 |
| 38.5333 | 1.4618 | 0.0109 | 2.3275 | 2.3384 |
| 38.5667 | 1.4605 | 0.0241 | 2.317 | 2.341 |
| 38.6 | 1.4608 | 0 | 2.3236 | 2.3236 |
| 38.6333 | 1.4602 | 0.0109 | 2.3249 | 2.3358 |
| 38.6667 | 1.4602 | 0 | 2.3144 | 2.3144 |

Areva NP Inc.

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 38.7 | 1.4621 | 0.0241 | 2.3196 | 2.3437 |
| 38.7333 | 1.4608 | 0.0241 | 2.317 | 2.341 |
| 38.7667 | 1.4611 | 0 | 2.3209 | 2.3209 |
| 38.8 | 1.4598 | 0 | 2.313 | 2.313 |
| 38.8333 | 1.4595 | 0.0109 | 2.3196 | 2.3305 |
| 38.8667 | 1.4575 | 0.0241 | 2.3196 | 2.3437 |
| 38.9 | 1.4595 | 0 | 2.3196 | 2.3196 |
| 38.9333 | 1.4572 | 0.0109 | 2.317 | 2.3279 |
| 38.9667 | 1.4569 | 0 | 2.3144 | 2.3144 |
| 39 | 1.4539 | 0 | 2.3209 | 2.3209 |
| 39.0333 | 1.4556 | 0.0109 | 2.3209 | 2.3318 |
| 39.0667 | 1.4539 | 0 | 2.3209 | 2.3209 |
| 39.1 | 1.4572 | 0 | 2.3157 | 2.3157 |
| 39.1333 | 1.4526 | 0 | 2.3236 | 2.3236 |
| 39.1667 | 1.4559 | 0 | 2.3157 | 2.3157 |
| 39.2 | 1.4536 | 0.0109 | 2.3183 | 2.3292 |
| 39.2333 | 1.4559 | 0 | 2.3157 | 2.3157 |
| 39.2667 | 1.4532 | 0 | 2.317 | 2.317 |
| 39.3 | 1.4529 | 0.0109 | 2.3091 | 2.32 |
| 39.3333 | 1.4513 | 0 | 2.3183 | 2.3183 |
| 39.3667 | 1.4519 | 0.0109 | 2.3209 | 2.3318 |
| 39.4 | 1.4539 | 0.0109 | 2.3157 | 2.3266 |
| 39.4333 | 1.4503 | 0 | 2.3196 | 2.3196 |
| 39.4667 | 1.4516 | 0.0109 | 2.317 | 2.3279 |
| 39.5 | 1.4536 | 0.0241 | 2.3275 | 2.3516 |
| 39.5333 | 1.45 | 0 | 2.3249 | 2.3249 |
| 39.5667 | 1.4513 | 0 | 2.3183 | 2.3183 |
| 39.6 | 1.449 | 0 | 2.317 | 2.317 |
| 39.6333 | 1.4486 | 0 | 2.3183 | 2.3183 |
| 39.6667 | 1.4496 | 0.0109 | 2.317 | 2.3279 |
| 39.7 | 1.4457 | 0.0109 | 2.3157 | 2.3266 |
| 39.7333 | 1.4483 | 0 | 2.313 | 2.313 |
| 39.7667 | 1.4493 | 0.0241 | 2.3144 | 2.3384 |
| 39.8 | 1.4477 | 0.0109 | 2.3222 | 2.3331 |
| 39.8333 | 1.4147 | 0 | 2.3196 | 2.3196 |
| 39.8667 | 1.3618 | 0.0241 | 2.3236 | 2.3476 |
| 39.9 | 1.3104 | 0.0109 | 2.317 | 2.3279 |
| 39.9333 | 1.2577 | 0 | 2.3157 | 2.3157 |
| 39.9667 | 1.2087 | 0 | 2.3117 | 2.3117 |
| 40 | 1.1623 | 0 | 2.3091 | 2.3091 |
| 40.0333 | 1.1126 | 0 | 2.3104 | 2.3104 |
| 40.0667 | 1.0705 | 0 | 2.3012 | 2.3012 |
| 40.1 | 1.0283 | 0.0241 | 2.292 | 2.316 |

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| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 40.1333 | 0.9856 | 0.0109 | 2.2907 | 2.3016 |
| 40.1667 | 0.9464 | 0.0109 | 2.2788 | 2.2897 |
| 40.2 | 0.9036 | 0 | 2.2775 | 2.2775 |
| 40.2333 | 0.8671 | 0 | 2.2644 | 2.2644 |
| 40.2667 | 0.8286 | 0.0109 | 2.2578 | 2.2687 |
| 40.3 | 0.7947 | 0.0109 | 2.2486 | 2.2595 |
| 40.3333 | 0.7598 | 0 | 2.2368 | 2.2368 |
| 40.3667 | 0.7288 | 0.0241 | 2.2302 | 2.2542 |
| 40.4 | 0.6989 | 0.0241 | 2.217 | 2.2411 |
| 40.4333 | 0.6604 | 0 | 2.2078 | 2.2078 |
| 40.4667 | 0.6373 | 0 | 2.1921 | 2.1921 |
| 40.5 | 0.6057 | 0.0109 | 2.1815 | 2.1924 |
| 40.5333 | 0.5784 | 0.0109 | 2.1697 | 2.1806 |
| 40.5667 | 0.5531 | 0 | 2.1566 | 2.1566 |
| 40.6 | 0.5238 | 0 | 2.1434 | 2.1434 |
| 40.6333 | 0.5001 | 0 | 2.1289 | 2.1289 |
| 40.6667 | 0.479 | 0.0109 | 2.1145 | 2.1254 |
| 40.7 | 0.4566 | 0 | 2.0987 | 2.0987 |
| 40.7333 | 0.4336 | 0 | 2.0869 | 2.0869 |
| 40.7667 | 0.4102 | 0 | 2.0685 | 2.0685 |
| 40.8 | 0.3878 | 0 | 2.054 | 2.054 |
| 40.8333 | 0.372 | 0.0109 | 2.0356 | 2.0465 |
| 40.8667 | 0.3546 | 0 | 2.0185 | 2.0185 |
| 40.9 | 0.3316 | 0 | 1.9988 | 1.9988 |
| 40.9333 | 0.3148 | 0.0109 | 1.9882 | 1.9991 |
| 40.9667 | 0.295 | 0.0241 | 1.9685 | 1.9926 |
| 41 | 0.2829 | 0.0109 | 1.9567 | 1.9676 |
| 41.0333 | 0.2631 | 0 | 1.9356 | 1.9356 |
| 41.0667 | 0.2486 | 0 | 1.9225 | 1.9225 |
| 41.1 | 0.2332 | 0.0241 | 1.9041 | 1.9281 |
| 41.1333 | 0.2233 | 0 | 1.8844 | 1.8844 |
| 41.1667 | 0.2055 | 0.0241 | 1.8712 | 1.8953 |
| 41.2 | 0.1917 | 0.0109 | 1.8449 | 1.8558 |
| 41.2333 | 0.1818 | 0.0109 | 1.8383 | 1.8492 |
| 41.2667 | 0.17 | 0 | 1.8186 | 1.8186 |
| 41.3 | 0.1588 | 0 | 1.7976 | 1.7976 |
| 41.3333 | 0.1522 | 0.0109 | 1.7831 | 1.794 |
| 41.3667 | 0.1341 | 0 | 1.7634 | 1.7634 |
| 41.4 | 0.1262 | 0 | 1.7489 | 1.7489 |
| 41.4333 | 0.1176 | 0.0109 | 1.7239 | 1.7348 |
| 41.4667 | 0.1071 | 0.0109 | 1.7068 | 1.7177 |
| 41.5 | 0.0995 | 0.0109 | 1.6884 | 1.6993 |
| 41.5333 | 0.092 | 0 | 1.67 | 1.67 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 41.5667 | 0.0824 | 0 | 1.6542 | 1.6542 |
| 41.6 | 0.0768 | 0 | 1.6371 | 1.6371 |
| 41.6333 | 0.0706 | 0.0109 | 1.6187 | 1.6296 |
| 41.6667 | 0.06 | 0.0109 | 1.6016 | 1.6125 |
| 41.7 | 0.0567 | 0.0109 | 1.5845 | 1.5954 |
| 41.7333 | 0.0492 | 0 | 1.5688 | 1.5688 |
| 41.7667 | 0.0442 | 0.0241 | 1.5543 | 1.5783 |
| 41.8 | 0.0393 | 0.0109 | 1.5333 | 1.5442 |
| 41.8333 | 0.034 | 0 | 1.5162 | 1.5162 |
| 41.8667 | 0.0284 | 0.0372 | 1.5043 | 1.5415 |
| 41.9 | 0.0225 | 0 | 1.4859 | 1.4859 |
| 41.9333 | 0.0159 | 0 | 1.4662 | 1.4662 |
| 41.9667 | 0.0153 | 0 | 1.4452 | 1.4452 |
| 42 | 0.012 | 0 | 1.4307 | 1.4307 |
| 42.0333 | 0.007 | 0 | 1.4136 | 1.4136 |
| 42.0667 | 0.0024 | 0.0109 | 1.4004 | 1.4113 |
| 42.1 | -0.0022 | 0.0241 | 1.3873 | 1.4113 |
| 42.1333 | -0.0025 | 0 | 1.3715 | 1.3715 |
| 42.1667 | -0.0058 | 0 | 1.3544 | 1.3544 |
| 42.2 | -0.0078 | 0 | 1.3386 | 1.3386 |
| 42.2333 | -0.0097 | 0.0241 | 1.3189 | 1.343 |
| 42.2667 | -0.0104 | 0.0109 | 1.3031 | 1.314 |
| 42.3 | -0.0167 | 0 | 1.2926 | 1.2926 |
| 42.3333 | -0.0147 | 0 | 1.2768 | 1.2768 |
| 42.3667 | -0.0196 | 0.0109 | 1.265 | 1.2759 |
| 42.4 | -0.0219 | 0.0109 | 1.2519 | 1.2628 |
| 42.4333 | -0.0203 | 0.0109 | 1.2321 | 1.243 |
| 42.4667 | -0.0236 | 0.0109 | 1.2203 | 1.2312 |
| 42.5 | -0.0249 | 0 | 1.2085 | 1.2085 |
| 42.5333 | -0.0265 | 0 | 1.1914 | 1.1914 |
| 42.5667 | -0.0292 | 0 | 1.1756 | 1.1756 |
| 42.6 | -0.0288 | 0.0109 | 1.1651 | 1.176 |
| 42.6333 | -0.0318 | 0 | 1.1493 | 1.1493 |
| 42.6667 | -0.0334 | 0 | 1.1375 | 1.1375 |
| 42.7 | -0.0331 | 0.0109 | 1.1177 | 1.1286 |
| 42.7333 | -0.0374 | 0.0109 | 1.1112 | 1.1221 |
| 42.7667 | -0.0334 | 0 | 1.0941 | 1.0941 |
| 42.8 | -0.0374 | 0 | 1.0809 | 1.0809 |
| 42.8333 | -0.0374 | 0 | 1.0678 | 1.0678 |
| 42.8667 | -0.0354 | 0.0109 | 1.0546 | 1.0655 |
| 42.9 | -0.0341 | 0.0109 | 1.048 | 1.0589 |
| 42.9333 | -0.0358 | 0.0109 | 1.0296 | 1.0405 |
| 42.9667 | -0.0371 | 0 | 1.023 | 1.023 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 43 | -0.0387 | 0 | 1.0086 | 1.0086 |
| 43.0333 | -0.039 | 0 | 0.9994 | 0.9994 |
| 43.0667 | -0.0374 | 0 | 0.9875 | 0.9875 |
| 43.1 | -0.0377 | 0 | 0.977 | 0.977 |
| 43.1333 | -0.04 | 0.0109 | 0.9691 | 0.98 |
| 43.1667 | -0.0358 | 0.0109 | 0.9534 | 0.9643 |
| 43.2 | -0.0384 | 0.0109 | 0.9428 | 0.9537 |
| 43.2333 | -0.0367 | 0.0109 | 0.9271 | 0.938 |
| 43.2667 | -0.04 | 0.0241 | 0.9152 | 0.9393 |
| 43.3 | -0.0364 | 0 | 0.9086 | 0.9086 |
| 43.3333 | -0.039 | 0 | 0.8955 | 0.8955 |
| 43.3667 | -0.0384 | 0.0109 | 0.8863 | 0.8972 |
| 43.4 | -0.0407 | 0 | 0.8758 | 0.8758 |
| 43.4333 | -0.0377 | 0 | 0.8692 | 0.8692 |
| 43.4667 | -0.0384 | 0.0241 | 0.8534 | 0.8775 |
| 43.5 | -0.0397 | 0 | 0.8429 | 0.8429 |
| 43.5333 | -0.0371 | 0.0109 | 0.8337 | 0.8446 |
| 43.5667 | -0.0397 | 0 | 0.8245 | 0.8245 |
| 43.6 | -0.0413 | 0.0109 | 0.8153 | 0.8262 |
| 43.6333 | -0.0377 | 0.0109 | 0.8087 | 0.8196 |
| 43.6667 | -0.0394 | 0 | 0.789 | 0.789 |
| 43.7 | -0.0397 | 0 | 0.7877 | 0.7877 |
| 43.7333 | -0.0377 | 0.0109 | 0.7771 | 0.788 |
| 43.7667 | -0.0374 | 0 | 0.7693 | 0.7693 |
| 43.8 | -0.0413 | 0 | 0.7587 | 0.7587 |
| 43.8333 | -0.0384 | 0.0109 | 0.7522 | 0.7631 |
| 43.8667 | -0.0374 | 0 | 0.7403 | 0.7403 |
| 43.9 | -0.0407 | 0.0109 | 0.7351 | 0.746 |
| 43.9333 | -0.0374 | 0.0109 | 0.7246 | 0.7355 |
| 43.9667 | -0.0364 | 0.0241 | 0.7219 | 0.746 |
| 44 | -0.0371 | 0 | 0.7048 | 0.7048 |
| 44.0333 | -0.0394 | 0 | 0.6969 | 0.6969 |
| 44.0667 | -0.04 | 0 | 0.693 | 0.693 |
| 44.1 | -0.0377 | 0.0109 | 0.6838 | 0.6947 |
| 44.1333 | -0.0384 | 0.0109 | 0.672 | 0.6829 |
| 44.1667 | -0.0381 | 0.0109 | 0.6601 | 0.671 |
| 44.2 | -0.0413 | 0.0109 | 0.6588 | 0.6697 |
| 44.2333 | -0.0394 | 0.0109 | 0.6496 | 0.6605 |
| 44.2667 | -0.0397 | 0 | 0.643 | 0.643 |
| 44.3 | -0.0387 | 0.0109 | 0.6404 | 0.6513 |
| 44.3333 | -0.0387 | 0.0109 | 0.6312 | 0.6421 |
| 44.3667 | -0.0374 | 0.0109 | 0.6207 | 0.6316 |
| 44.4 | -0.0374 | 0.0109 | 0.6141 | 0.625 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 44.4333 | -0.0377 | 0 | 0.6075 | 0.6075 |
| 44.4667 | -0.0354 | 0.0109 | 0.6023 | 0.6132 |
| 44.5 | -0.0358 | 0.0109 | 0.597 | 0.6079 |
| 44.5333 | -0.0374 | 0 | 0.5865 | 0.5865 |
| 44.5667 | -0.0381 | 0 | 0.5838 | 0.5838 |
| 44.6 | -0.0371 | 0 | 0.5733 | 0.5733 |
| 44.6333 | -0.0367 | 0 | 0.5668 | 0.5668 |
| 44.6667 | -0.0377 | 0.0109 | 0.5589 | 0.5698 |
| 44.7 | -0.0354 | 0 | 0.5575 | 0.5575 |
| 44.7333 | -0.0374 | 0.0109 | 0.5483 | 0.5592 |
| 44.7667 | -0.0371 | 0 | 0.5444 | 0.5444 |
| 44.8 | -0.0387 | 0.0109 | 0.5378 | 0.5487 |
| 44.8333 | -0.0354 | 0.0109 | 0.5352 | 0.5461 |
| 44.8667 | -0.0354 | 0.0241 | 0.5286 | 0.5527 |
| 44.9 | -0.0371 | 0.0109 | 0.5234 | 0.5343 |
| 44.9333 | -0.0361 | 0.0109 | 0.5168 | 0.5277 |
| 44.9667 | -0.0361 | 0.0109 | 0.5063 | 0.5172 |
| 45 | -0.0374 | 0.0109 | 0.4997 | 0.5106 |
| 45.0333 | -0.0381 | 0.0109 | 0.4905 | 0.5014 |
| 45.0667 | -0.0361 | 0.0109 | 0.4892 | 0.5001 |
| 45.1 | -0.0338 | 0.0109 | 0.4905 | 0.5014 |
| 45.1333 | -0.0351 | 0 | 0.4773 | 0.4773 |
| 45.1667 | -0.0338 | 0.0109 | 0.4747 | 0.4856 |
| 45.2 | -0.0341 | 0.0109 | 0.4668 | 0.4777 |
| 45.2333 | -0.0361 | 0.0109 | 0.4602 | 0.4711 |
| 45.2667 | -0.0358 | 0 | 0.4563 | 0.4563 |
| 45.3 | -0.0308 | 0.0109 | 0.4524 | 0.4633 |
| 45.3333 | -0.0354 | 0.0109 | 0.4471 | 0.458 |
| 45.3667 | -0.0321 | 0 | 0.4379 | 0.4379 |
| 45.4 | -0.0321 | 0 | 0.4339 | 0.4339 |
| 45.4333 | -0.0354 | 0 | 0.4287 | 0.4287 |
| 45.4667 | -0.0325 | 0 | 0.4234 | 0.4234 |
| 45.5 | -0.0341 | 0 | 0.4155 | 0.4155 |
| 45.5333 | -0.0311 | 0.0109 | 0.409 | 0.4199 |
| 45.5667 | -0.0318 | 0.0109 | 0.4076 | 0.4185 |
| 45.6 | -0.0318 | 0 | 0.4024 | 0.4024 |
| 45.6333 | -0.0311 | 0 | 0.4011 | 0.4011 |
| 45.6667 | -0.0311 | 0.0109 | 0.3932 | 0.4041 |
| 45.7 | -0.0292 | 0 | 0.3879 | 0.3879 |
| 45.7333 | -0.0318 | 0.0109 | 0.3853 | 0.3962 |
| 45.7667 | -0.0334 | 0 | 0.3879 | 0.3879 |
| 45.8 | -0.0344 | 0.0109 | 0.3774 | 0.3883 |
| 45.8333 | -0.0305 | 0 | 0.3708 | 0.3708 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 45.8667 | -0.0311 | 0 | 0.3682 | 0.3682 |
| 45.9 | -0.0321 | 0 | 0.3682 | 0.3682 |
| 45.9333 | -0.0318 | 0.0109 | 0.359 | 0.3699 |
| 45.9667 | -0.0308 | 0 | 0.3537 | 0.3537 |
| 46 | -0.0328 | 0 | 0.3537 | 0.3537 |
| 46.0333 | -0.0321 | 0.0241 | 0.3511 | 0.3751 |
| 46.0667 | -0.0295 | 0 | 0.3432 | 0.3432 |
| 46.1 | -0.0311 | 0 | 0.334 | 0.334 |
| 46.1333 | -0.0295 | 0.0109 | 0.3379 | 0.3488 |
| 46.1667 | -0.0295 | 0.0109 | 0.3287 | 0.3396 |
| 46.2 | -0.0315 | 0 | 0.3261 | 0.3261 |
| 46.2333 | -0.0318 | 0.0109 | 0.3274 | 0.3383 |
| 46.2667 | -0.0311 | 0.0109 | 0.3248 | 0.3357 |
| 46.3 | -0.0328 | 0.0241 | 0.3169 | 0.341 |
| 46.3333 | -0.0298 | 0 | 0.3195 | 0.3195 |
| 46.3667 | -0.0305 | 0 | 0.313 | 0.313 |
| 46.4 | -0.0298 | 0 | 0.3103 | 0.3103 |
| 46.4333 | -0.0318 | 0 | 0.3064 | 0.3064 |
| 46.4667 | -0.0282 | 0 | 0.2998 | 0.2998 |
| 46.5 | -0.0288 | 0 | 0 | 0 |
| 46.5333 | -0.0302 | 0.0109 | 0 | 0.0109 |
| 46.5667 | -0.0325 | 0.0109 | 0 | 0.0109 |
| 46.6 | -0.0308 | 0 | 0 | 0 |
| 46.6333 | -0.0308 | 0.0109 | 0 | 0.0109 |
| 46.6667 | -0.0272 | 0 | 0.0013 | 0.0013 |
| 46.7 | -0.0269 | 0 | 0 | 0 |
| 46.7333 | -0.0292 | 0.0109 | 0 | 0.0109 |
| 46.7667 | -0.0288 | 0.0109 | 0.0013 | 0.0122 |
| 46.8 | -0.0292 | 0 | 0.0013 | 0.0013 |
| 46.8333 | -0.0331 | 0.0109 | 0 | 0.0109 |
| 46.8667 | -0.0325 | 0.0109 | 0.0013 | 0.0122 |
| 46.9 | -0.0275 | 0.0109 | 0.0013 | 0.0122 |
| 46.9333 | -0.0311 | 0.0109 | 0 | 0.0109 |
| 46.9667 | -0.0279 | 0.0109 | 0 | 0.0109 |
| 47 | -0.0279 | 0 | 0 | 0 |
| 47.0333 | -0.0272 | 0 | 0 | 0 |
| 47.0667 | -0.0279 | 0 | 0 | 0 |
| 47.1 | -0.0302 | 0.0109 | 0.0013 | 0.0122 |
| 47.1333 | -0.0295 | 0 | 0.0039 | 0.0039 |
| 47.1667 | -0.0279 | 0.0109 | 0 | 0.0109 |
| 47.2 | -0.0279 | 0 | 0 | 0 |
| 47.2333 | -0.0292 | 0 | 0 | 0 |
| 47.2667 | -0.0305 | 0.0241 | 0 | 0.0241 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 47.3 | -0.0308 | 0.0109 | 0.0013 | 0.0122 |
| 47.3333 | -0.0298 | 0.0109 | 0.0026 | 0.0135 |
| 47.3667 | -0.0295 | 0 | 0.0013 | 0.0013 |
| 47.4 | -0.0292 | 0.0241 | 0.0026 | 0.0267 |
| 47.4333 | -0.0298 | 0 | 0 | 0 |
| 47.4667 | -0.0275 | 0 | 0 | 0 |
| 47.5 | -0.0285 | 0 | 0 | 0 |
| 47.5333 | -0.0282 | 0 | 0.0026 | 0.0026 |
| 47.5667 | -0.0269 | 0.0109 | 0.0013 | 0.0122 |
| 47.6 | -0.0285 | 0 | 0 | 0 |
| 47.6333 | -0.0285 | 0 | 0 | 0 |
| 47.6667 | -0.0295 | 0 | 0.0013 | 0.0013 |
| 47.7 | -0.0265 | 0.0109 | 0 | 0.0109 |
| 47.7333 | -0.0259 | 0.0109 | 0 | 0.0109 |
| 47.7667 | -0.0282 | 0.0109 | 0 | 0.0109 |
| 47.8 | -0.0275 | 0 | 0.0026 | 0.0026 |
| 47.8333 | -0.0239 | 0 | 0 | 0 |
| 47.8667 | -0.0282 | 0.0109 | 0 | 0.0109 |
| 47.9 | -0.0272 | 0.0109 | 0 | 0.0109 |
| 47.9333 | -0.0269 | 0 | 0.0013 | 0.0013 |
| 47.9667 | -0.0269 | 0 | 0 | 0 |
| 48 | -0.0242 | 0 | 0.0013 | 0.0013 |
| 48.0333 | -0.0298 | 0.0109 | 0.0013 | 0.0122 |
| 48.0667 | -0.0295 | 0 | 0 | 0 |
| 48.1 | -0.0279 | 0.0109 | 0.0013 | 0.0122 |
| 48.1333 | -0.0279 | 0 | 0 | 0 |
| 48.1667 | -0.0285 | 0 | 0.0013 | 0.0013 |
| 48.2 | -0.0259 | 0 | 0.0013 | 0.0013 |
| 48.2333 | -0.0272 | 0 | 0 | 0 |
| 48.2667 | -0.0255 | 0.0109 | 0 | 0.0109 |
| 48.3 | -0.0288 | 0.0109 | 0.0013 | 0.0122 |
| 48.3333 | -0.0262 | 0 | 0 | 0 |
| 48.3667 | -0.0279 | 0 | 0 | 0 |
| 48.4 | -0.0265 | 0.0109 | 0.0026 | 0.0135 |
| 48.4333 | -0.0223 | 0.0109 | 0 | 0.0109 |
| 48.4667 | -0.0259 | 0 | 0 | 0 |
| 48.5 | -0.0252 | 0 | 0 | 0 |
| 48.5333 | -0.0269 | 0 | 0 | 0 |
| 48.5667 | -0.0246 | 0 | 0.0013 | 0.0013 |
| 48.6 | -0.0249 | 0 | 0.0013 | 0.0013 |
| 48.6333 | -0.0249 | 0 | 0.0026 | 0.0026 |
| 48.6667 | -0.0223 | 0 | 0 | 0 |
| 48.7 | -0.0259 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 48.7333 | -0.0252 | 0.0109 | 0 | 0.0109 |
| 48.7667 | -0.0259 | 0.0109 | 0 | 0.0109 |
| 48.8 | -0.0282 | 0 | 0.0013 | 0.0013 |
| 48.8333 | -0.0255 | 0 | 0 | 0 |
| 48.8667 | -0.0262 | 0.0109 | 0.0013 | 0.0122 |
| 48.9 | -0.0216 | 0.0109 | 0 | 0.0109 |
| 48.9333 | -0.0232 | 0 | 0 | 0 |
| 48.9667 | -0.0262 | 0.0109 | 0 | 0.0109 |
| 49 | -0.0269 | 0 | 0.0013 | 0.0013 |
| 49.0333 | -0.0223 | 0 | 0.0026 | 0.0026 |
| 49.0667 | -0.0262 | 0 | 0.0013 | 0.0013 |
| 49.1 | -0.0236 | 0.0109 | 0.0013 | 0.0122 |
| 49.1333 | -0.0255 | 0.0109 | 0 | 0.0109 |
| 49.1667 | -0.0292 | 0 | 0.0013 | 0.0013 |
| 49.2 | -0.0295 | 0 | 0.0013 | 0.0013 |
| 49.2333 | -0.0265 | 0 | 0.0026 | 0.0026 |
| 49.2667 | -0.0239 | 0.0109 | 0.0013 | 0.0122 |
| 49.3 | -0.0232 | 0 | 0 | 0 |
| 49.3333 | -0.0239 | 0 | 0.0013 | 0.0013 |
| 49.3667 | -0.0223 | 0.0109 | 0.0013 | 0.0122 |
| 49.4 | -0.0246 | 0 | 0 | 0 |
| 49.4333 | -0.0259 | 0.0109 | 0 | 0.0109 |
| 49.4667 | -0.0239 | 0.0109 | 0 | 0.0109 |
| 49.5 | -0.0236 | 0 | 0.0013 | 0.0013 |
| 49.5333 | -0.0272 | 0.0109 | 0 | 0.0109 |
| 49.5667 | -0.0229 | 0.0109 | 0.0013 | 0.0122 |
| 49.6 | -0.0259 | 0 | 0.0013 | 0.0013 |
| 49.6333 | -0.0226 | 0 | 0 | 0 |
| 49.6667 | -0.0269 | 0 | 0.0013 | 0.0013 |
| 49.7 | -0.0269 | 0 | 0 | 0 |
| 49.7333 | -0.0252 | 0.0109 | 0.0026 | 0.0135 |
| 49.7667 | -0.0272 | 0.0109 | 0 | 0.0109 |
| 49.8 | -0.0236 | 0.0109 | 0.0013 | 0.0122 |
| 49.8333 | -0.0236 | 0 | 0 | 0 |
| 49.8667 | -0.0236 | 0 | 0.0026 | 0.0026 |
| 49.9 | -0.0246 | 0 | 0 | 0 |
| 49.9333 | -0.0265 | 0.0372 | 0.0013 | 0.0385 |
| 49.9667 | -0.0242 | 0 | 0.0026 | 0.0026 |
| 50 | -0.0269 | 0 | 0.0026 | 0.0026 |
| 50.0333 | -0.0249 | 0.0109 | 0.0013 | 0.0122 |
| 50.0667 | -0.0249 | 0 | 0 | 0 |
| 50.1 | -0.0252 | 0 | 0.0026 | 0.0026 |
| 50.1333 | -0.0239 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 50.1667 | -0.0232 | 0.0109 | 0.0013 | 0.0122 |
| 50.2 | -0.0246 | 0.0109 | 0.0013 | 0.0122 |
| 50.2333 | -0.0236 | 0.0109 | 0 | 0.0109 |
| 50.2667 | -0.0236 | 0.0109 | 0.0013 | 0.0122 |
| 50.3 | -0.0262 | 0 | 0.0013 | 0.0013 |
| 50.3333 | -0.0242 | 0 | 0.0013 | 0.0013 |
| 50.3667 | -0.0252 | 0.0109 | 0 | 0.0109 |
| 50.4 | -0.0236 | 0.0109 | 0 | 0.0109 |
| 50.4333 | -0.0242 | 0 | 0.0013 | 0.0013 |
| 50.4667 | -0.0252 | 0 | 0.0013 | 0.0013 |
| 50.5 | -0.0249 | 0.0109 | 0 | 0.0109 |
| 50.5333 | -0.0246 | 0.0109 | 0 | 0.0109 |
| 50.5667 | -0.0223 | 0.0241 | 0.0013 | 0.0254 |
| 50.6 | -0.0213 | 0 | 0 | 0 |
| 50.6333 | -0.0229 | 0 | 0 | 0 |
| 50.6667 | -0.0223 | 0 | 0.0026 | 0.0026 |
| 50.7 | -0.0232 | 0.0109 | 0 | 0.0109 |
| 50.7333 | -0.0255 | 0.0109 | 0 | 0.0109 |
| 50.7667 | -0.0246 | 0 | 0 | 0 |
| 50.8 | -0.0262 | 0.0109 | 0.0013 | 0.0122 |
| 50.8333 | -0.0285 | 0.0109 | 0.0026 | 0.0135 |
| 50.8667 | -0.0236 | 0 | 0.0013 | 0.0013 |
| 50.9 | -0.0259 | 0.0109 | 0 | 0.0109 |
| 50.9333 | -0.0246 | 0 | 0.0013 | 0.0013 |
| 50.9667 | -0.0272 | 0.0109 | 0 | 0.0109 |
| 51 | -0.0219 | 0 | 0.0013 | 0.0013 |
| 51.0333 | -0.0239 | 0 | 0 | 0 |
| 51.0667 | -0.0265 | 0 | 0 | 0 |
| 51.1 | -0.0236 | 0.0109 | 0.0026 | 0.0135 |
| 51.1333 | -0.0252 | 0 | 0.0013 | 0.0013 |
| 51.1667 | -0.0209 | 0.0109 | 0.0013 | 0.0122 |
| 51.2 | -0.0255 | 0 | 0.0013 | 0.0013 |
| 51.2333 | -0.0252 | 0.0109 | 0 | 0.0109 |
| 51.2667 | -0.0223 | 0 | 0.0013 | 0.0013 |
| 51.3 | -0.0239 | 0 | 0 | 0 |
| 51.3333 | -0.0236 | 0.0109 | 0 | 0.0109 |
| 51.3667 | -0.0229 | 0 | 0 | 0 |
| 51.4 | -0.0246 | 0 | 0 | 0 |
| 51.4333 | -0.0232 | 0 | 0 | 0 |
| 51.4667 | -0.0252 | 0 | 0.0026 | 0.0026 |
| 51.5 | -0.0239 | 0.0109 | 0.0013 | 0.0122 |
| 51.5333 | -0.0259 | 0 | 0.0013 | 0.0013 |
| 51.5667 | -0.0213 | 0.0241 | 0 | 0.0241 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 51.6 | -0.0213 | 0.0109 | 0 | 0.0109 |
| 51.6333 | -0.0252 | 0 | 0.0026 | 0.0026 |
| 51.6667 | -0.0219 | 0.0109 | 0 | 0.0109 |
| 51.7 | -0.0252 | 0.0109 | 0.0013 | 0.0122 |
| 51.7333 | -0.0262 | 0.0109 | 0.0013 | 0.0122 |
| 51.7667 | -0.0236 | 0 | 0.0013 | 0.0013 |
| 51.8 | -0.0223 | 0.0241 | 0 | 0.0241 |
| 51.8333 | -0.0203 | 0 | 0.0013 | 0.0013 |
| 51.8667 | -0.0249 | 0.0109 | 0.0013 | 0.0122 |
| 51.9 | -0.0223 | 0 | 0 | 0 |
| 51.9333 | -0.0206 | 0.0109 | 0.0026 | 0.0135 |
| 51.9667 | -0.0213 | 0.0109 | 0.0026 | 0.0135 |
| 52 | -0.0236 | 0 | 0 | 0 |
| 52.0333 | -0.0249 | 0.0109 | 0.0013 | 0.0122 |
| 52.0667 | -0.0216 | 0.0109 | 0 | 0.0109 |
| 52.1 | -0.0216 | 0 | 0.0026 | 0.0026 |
| 52.1333 | -0.0226 | 0 | 0.0013 | 0.0013 |
| 52.1667 | -0.0216 | 0 | 0 | 0 |
| 52.2 | -0.0242 | 0 | 0 | 0 |
| 52.2333 | -0.0213 | 0 | 0 | 0 |
| 52.2667 | -0.0229 | 0.0109 | 0 | 0.0109 |
| 52.3 | -0.0242 | 0 | 0 | 0 |
| 52.3333 | -0.0239 | 0 | 0 | 0 |
| 52.3667 | -0.0206 | 0 | 0 | 0 |
| 52.4 | -0.0239 | 0.0109 | 0.0013 | 0.0122 |
| 52.4333 | -0.0223 | 0.0109 | 0 | 0.0109 |
| 52.4667 | -0.0206 | 0.0109 | 0 | 0.0109 |
| 52.5 | -0.0249 | 0 | 0 | 0 |
| 52.5333 | -0.0239 | 0 | 0 | 0 |
| 52.5667 | -0.0223 | 0 | 0.0013 | 0.0013 |
| 52.6 | -0.0216 | 0.0109 | 0.0013 | 0.0122 |
| 52.6333 | -0.0216 | 0 | 0.0013 | 0.0013 |
| 52.6667 | -0.0203 | 0 | 0.0013 | 0.0013 |
| 52.7 | -0.0223 | 0 | 0 | 0 |
| 52.7333 | -0.0219 | 0.0241 | 0 | 0.0241 |
| 52.7667 | -0.0229 | 0.0241 | 0 | 0.0241 |
| 52.8 | -0.0216 | 0.0109 | 0.0013 | 0.0122 |
| 52.8333 | -0.0236 | 0 | 0.0013 | 0.0013 |
| 52.8667 | -0.0226 | 0 | 0.0013 | 0.0013 |
| 52.9 | -0.0242 | 0 | 0 | 0 |
| 52.9333 | -0.0223 | 0 | 0 | 0 |
| 52.9667 | -0.0203 | 0.0109 | 0 | 0.0109 |
| 53 | -0.02 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C top Stage 5

October 1, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 53.0333 | -0.0236 | 0.0241 | 0.0013 | 0.0254 |
| 53.0667 | -0.0226 | 0.0109 | 0 | 0.0109 |
| 53.1 | -0.0219 | 0 | 0.0013 | 0.0013 |
| 53.1333 | -0.0213 | 0 | 0 | 0 |
| 53.1667 | -0.02 | 0 | 0.0013 | 0.0013 |
| 53.2 | -0.0209 | 0 | 0.0013 | 0.0013 |
| 53.2333 | -0.0226 | 0 | 0 | 0 |
| 53.2667 | -0.0213 | 0 | 0.0013 | 0.0013 |
| 53.3 | -0.0213 | 0 | 0 | 0 |
| 53.3333 | -0.0216 | 0 | 0 | 0 |
| 53.3667 | -0.0239 | 0.0109 | 0 | 0.0109 |
| 53.4 | -0.0236 | 0.0109 | 0 | 0.0109 |
| 53.4333 | -0.0213 | 0 | 0.0013 | 0.0013 |
| 53.4667 | -0.0206 | 0.0109 | 0 | 0.0109 |
| 53.5 | -0.0236 | 0.0241 | 0 | 0.0241 |
| 53.5333 | -0.0223 | 0 | 0.0013 | 0.0013 |
| 53.5667 | -0.0193 | 0.0109 | 0 | 0.0109 |
| 53.6 | -0.02 | 0 | 0.0013 | 0.0013 |
| 53.6333 | -0.0242 | 0.0109 | 0.0013 | 0.0122 |
| 53.6667 | -0.0246 | 0 | 0.0013 | 0.0013 |
| 53.7 | -0.0213 | 0.0109 | 0 | 0.0109 |
| 53.7333 | -0.0209 | 0.0109 | 0.0013 | 0.0122 |
| 53.7667 | -0.0219 | 0 | 0 | 0 |
| 53.8 | -0.0209 | 0 | 0 | 0 |
| 53.8333 | -0.0219 | 0 | 0.0026 | 0.0026 |
| 53.8667 | -0.0226 | 0.0109 | 0 | 0.0109 |
| 53.9 | -0.0223 | 0.0109 | 0 | 0.0109 |
| 53.9333 | -0.0203 | 0.0109 | 0 | 0.0109 |
| 53.9667 | -0.0213 | 0 | 0 | 0 |
| 54 | -0.0209 | 0 | 0 | 0 |
| 54.0333 | -0.0219 | 0.0109 | 0 | 0.0109 |
| 54.0667 | -0.0206 | 0.0109 | 0.0013 | 0.0122 |
| 54.1 | -0.0219 | 0 | 0.0013 | 0.0013 |
| 54.1333 | -0.0229 | 0.0109 | 0.0013 | 0.0122 |
| 54.1667 | -0.0242 | 0.0109 | 0 | 0.0109 |
| 54.2 | -0.0203 | 0.0109 | 0 | 0.0109 |
| 54.2333 | -0.0226 | 0.0109 | 0 | 0.0109 |
| 54.2667 | -0.0206 | 0.0109 | 0.0013 | 0.0122 |
| 54.3 | -0.0213 | 0 | 0.0013 | 0.0013 |
| 54.3333 | -0.0246 | 0 | 0 | 0 |
| 54.3667 | -0.02 | 0.0109 | 0 | 0.0109 |
| 54.4 | -0.02 | 0 | 0.0013 | 0.0013 |

APPENDIX B2 – Bottom Side Test Data

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 0 | -0.0275 | 0.0118 | 0 | 0.0118 |
| 0.0333 | -0.0246 | 0 | 0 | 0 |
| 0.0667 | -0.0275 | 0 | 0 | 0 |
| 0.1 | -0.0249 | 0.0118 | 0 | 0.0118 |
| 0.1333 | -0.0265 | 0.0118 | 0 | 0.0118 |
| 0.1667 | -0.0275 | 0 | 0 | 0 |
| 0.2 | -0.0265 | 0 | 0.0013 | 0.0013 |
| 0.2333 | -0.0269 | 0 | 0 | 0 |
| 0.2667 | -0.0246 | 0.025 | 0.0013 | 0.0262 |
| 0.3 | -0.0236 | 0 | 0 | 0 |
| 0.3333 | -0.0279 | 0 | 0 | 0 |
| 0.3667 | -0.0242 | 0.0118 | 0.0013 | 0.0131 |
| 0.4 | -0.0255 | 0 | 0 | 0 |
| 0.4333 | -0.0259 | 0.0118 | 0 | 0.0118 |
| 0.4667 | -0.0229 | 0 | 0 | 0 |
| 0.5 | -0.0259 | 0 | 0 | 0 |
| 0.5333 | -0.0252 | 0.0118 | 0 | 0.0118 |
| 0.5667 | -0.0272 | 0 | 0 | 0 |
| 0.6 | -0.0255 | 0 | 0 | 0 |
| 0.6333 | -0.0272 | 0 | 0 | 0 |
| 0.6667 | -0.0249 | 0.0118 | 0.0013 | 0.0131 |
| 0.7 | -0.0236 | 0 | 0 | 0 |
| 0.7333 | -0.0275 | 0 | 0 | 0 |
| 0.7667 | -0.0232 | 0 | 0 | 0 |
| 0.8 | -0.0249 | 0 | 0 | 0 |
| 0.8333 | -0.0265 | 0.025 | 0 | 0.025 |
| 0.8667 | -0.0232 | 0 | 0 | 0 |
| 0.9 | -0.0265 | 0.0118 | 0.0013 | 0.0131 |
| 0.9333 | -0.0246 | 0 | 0.0013 | 0.0013 |
| 0.9667 | -0.0255 | 0.0118 | 0 | 0.0118 |
| 1 | -0.0292 | 0.0118 | 0 | 0.0118 |
| 1.0333 | -0.0232 | 0 | 0.0013 | 0.0013 |
| 1.0667 | -0.0275 | 0 | 0.0026 | 0.0026 |
| 1.1 | -0.0249 | 0 | 0.0013 | 0.0013 |
| 1.1333 | -0.0239 | 0 | 0 | 0 |
| 1.1667 | -0.0259 | 0.0118 | 0.0026 | 0.0144 |
| 1.2 | -0.0269 | 0 | 0 | 0 |
| 1.2333 | -0.0252 | 0 | 0 | 0 |
| 1.2667 | -0.0226 | 0 | 0 | 0 |
| 1.3 | -0.0269 | 0.0118 | 0 | 0.0118 |
| 1.3333 | -0.0239 | 0.0118 | 0 | 0.0118 |
| 1.3667 | -0.0269 | 0 | 0 | 0 |
| 1.4 | -0.0269 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 1.4333 | -0.0272 | 0 | 0 | 0 |
| 1.4667 | -0.0275 | 0.0118 | 0.0013 | 0.0131 |
| 1.5 | -0.0239 | 0 | 0 | 0 |
| 1.5333 | -0.0249 | 0.0118 | 0 | 0.0118 |
| 1.5667 | -0.0288 | 0.0118 | 0 | 0.0118 |
| 1.6 | -0.0292 | 0.0118 | 0 | 0.0118 |
| 1.6333 | -0.0246 | 0.0118 | 0.0013 | 0.0131 |
| 1.6667 | -0.0249 | 0 | 0.0026 | 0.0026 |
| 1.7 | -0.0239 | 0.0118 | 0 | 0.0118 |
| 1.7333 | -0.0242 | 0.0118 | 0 | 0.0118 |
| 1.7667 | -0.0255 | 0 | 0 | 0 |
| 1.8 | -0.0265 | 0 | 0.0013 | 0.0013 |
| 1.8333 | -0.0282 | 0 | 0 | 0 |
| 1.8667 | -0.0269 | 0 | 0 | 0 |
| 1.9 | -0.0249 | 0.0118 | 0 | 0.0118 |
| 1.9333 | -0.0249 | 0.0118 | 0 | 0.0118 |
| 1.9667 | -0.0259 | 0 | 0.0013 | 0.0013 |
| 2 | -0.0252 | 0.0118 | 0 | 0.0118 |
| 2.0333 | -0.0262 | 0 | 0.0013 | 0.0013 |
| 2.0667 | -0.0239 | 0.0118 | 0 | 0.0118 |
| 2.1 | -0.0255 | 0 | 0 | 0 |
| 2.1333 | -0.0262 | 0 | 0 | 0 |
| 2.1667 | -0.0259 | 0 | 0 | 0 |
| 2.2 | -0.0269 | 0 | 0 | 0 |
| 2.2333 | -0.0259 | 0.025 | 0.0013 | 0.0262 |
| 2.2667 | -0.0275 | 0.0118 | 0.0013 | 0.0131 |
| 2.3 | -0.0275 | 0 | 0 | 0 |
| 2.3333 | -0.0288 | 0.0118 | 0.0013 | 0.0131 |
| 2.3667 | -0.0249 | 0 | 0 | 0 |
| 2.4 | -0.0272 | 0 | 0.0013 | 0.0013 |
| 2.4333 | -0.0272 | 0.0118 | 0.0026 | 0.0144 |
| 2.4667 | -0.0246 | 0 | 0 | 0 |
| 2.5 | -0.0255 | 0 | 0 | 0 |
| 2.5333 | -0.0249 | 0 | 0 | 0 |
| 2.5667 | -0.0246 | 0 | 0.0013 | 0.0013 |
| 2.6 | -0.0275 | 0 | 0.0013 | 0.0013 |
| 2.6333 | -0.0265 | 0.0118 | 0.0013 | 0.0131 |
| 2.6667 | -0.0282 | 0.0118 | 0 | 0.0118 |
| 2.7 | -0.0262 | 0 | 0 | 0 |
| 2.7333 | -0.0236 | 0 | 0.0013 | 0.0013 |
| 2.7667 | -0.0275 | 0 | 0.0026 | 0.0026 |
| 2.8 | -0.0242 | 0.0118 | 0 | 0.0118 |
| 2.8333 | -0.0305 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 2.8667 | -0.0275 | 0.0118 | 0 | 0.0118 |
| 2.9 | -0.0262 | 0 | 0 | 0 |
| 2.9333 | -0.0249 | 0 | 0 | 0 |
| 2.9667 | -0.0269 | 0.025 | 0 | 0.025 |
| 3 | -0.0265 | 0.0118 | 0 | 0.0118 |
| 3.0333 | -0.0252 | 0.025 | 0 | 0.025 |
| 3.0667 | -0.0242 | 0 | 0.0013 | 0.0013 |
| 3.1 | -0.0302 | 0.0118 | 0 | 0.0118 |
| 3.1333 | -0.0269 | 0.025 | 0 | 0.025 |
| 3.1667 | -0.0259 | 0 | 0 | 0 |
| 3.2 | -0.0262 | 0.0118 | 0 | 0.0118 |
| 3.2333 | -0.0236 | 0.025 | 0.0013 | 0.0262 |
| 3.2667 | -0.0252 | 0.0118 | 0 | 0.0118 |
| 3.3 | -0.0279 | 0 | 0 | 0 |
| 3.3333 | -0.0269 | 0 | 0.0013 | 0.0013 |
| 3.3667 | -0.0226 | 0 | 0.0013 | 0.0013 |
| 3.4 | -0.0242 | 0 | 0 | 0 |
| 3.4333 | -0.0252 | 0 | 0.0013 | 0.0013 |
| 3.4667 | -0.0249 | 0.0118 | 0 | 0.0118 |
| 3.5 | -0.0252 | 0.0118 | 0.0013 | 0.0131 |
| 3.5333 | -0.0246 | 0 | 0 | 0 |
| 3.5667 | -0.0232 | 0.0118 | 0 | 0.0118 |
| 3.6 | -0.0252 | 0.0118 | 0 | 0.0118 |
| 3.6333 | -0.0292 | 0.0118 | 0.0013 | 0.0131 |
| 3.6667 | -0.0272 | 0.0118 | 0 | 0.0118 |
| 3.7 | -0.0279 | 0.0118 | 0 | 0.0118 |
| 3.7333 | -0.0259 | 0 | 0 | 0 |
| 3.7667 | -0.0252 | 0.0118 | 0.0013 | 0.0131 |
| 3.8 | -0.0265 | 0.0118 | 0 | 0.0118 |
| 3.8333 | -0.0272 | 0 | 0 | 0 |
| 3.8667 | -0.0255 | 0 | 0 | 0 |
| 3.9 | -0.0275 | 0 | 0 | 0 |
| 3.9333 | -0.0255 | 0.0118 | 0 | 0.0118 |
| 3.9667 | -0.0259 | 0.0118 | 0 | 0.0118 |
| 4 | -0.0239 | 0.0118 | 0 | 0.0118 |
| 4.0333 | -0.0236 | 0 | 0 | 0 |
| 4.0667 | -0.0252 | 0.0118 | 0.0013 | 0.0131 |
| 4.1 | -0.0265 | 0 | 0 | 0 |
| 4.1333 | -0.0242 | 0.0118 | 0 | 0.0118 |
| 4.1667 | -0.0239 | 0.0118 | 0.0013 | 0.0131 |
| 4.2 | -0.0255 | 0 | 0 | 0 |
| 4.2333 | -0.0242 | 0.0118 | 0 | 0.0118 |
| 4.2667 | -0.0288 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 4.3 | -0.0298 | 0.0118 | 0.0013 | 0.0131 |
| 4.3333 | -0.0252 | 0 | 0.0013 | 0.0013 |
| 4.3667 | -0.0288 | 0 | 0 | 0 |
| 4.4 | -0.0262 | 0 | 0 | 0 |
| 4.4333 | -0.0269 | 0 | 0 | 0 |
| 4.4667 | -0.0272 | 0.0118 | 0 | 0.0118 |
| 4.5 | -0.0269 | 0 | 0 | 0 |
| 4.5333 | -0.0272 | 0.0118 | 0 | 0.0118 |
| 4.5667 | -0.0255 | 0 | 0 | 0 |
| 4.6 | -0.0295 | 0 | 0 | 0 |
| 4.6333 | -0.0279 | 0 | 0 | 0 |
| 4.6667 | -0.0255 | 0 | 0 | 0 |
| 4.7 | -0.0282 | 0 | 0.0013 | 0.0013 |
| 4.7333 | -0.0259 | 0 | 0.0026 | 0.0026 |
| 4.7667 | -0.0279 | 0 | 0.0013 | 0.0013 |
| 4.8 | -0.0255 | 0 | 0 | 0 |
| 4.8333 | -0.0249 | 0 | 0 | 0 |
| 4.8667 | -0.0279 | 0 | 0.0013 | 0.0013 |
| 4.9 | -0.0239 | 0.0118 | 0 | 0.0118 |
| 4.9333 | -0.0249 | 0 | 0 | 0 |
| 4.9667 | -0.0242 | 0 | 0 | 0 |
| 5 | -0.0259 | 0 | 0 | 0 |
| 5.0333 | -0.0259 | 0 | 0 | 0 |
| 5.0667 | -0.0242 | 0.025 | 0.0013 | 0.0262 |
| 5.1 | -0.0279 | 0 | 0 | 0 |
| 5.1333 | -0.0249 | 0 | 0 | 0 |
| 5.1667 | -0.0252 | 0 | 0 | 0 |
| 5.2 | -0.0262 | 0 | 0 | 0 |
| 5.2333 | -0.0279 | 0 | 0 | 0 |
| 5.2667 | -0.0232 | 0.0118 | 0 | 0.0118 |
| 5.3 | -0.0269 | 0.0118 | 0 | 0.0118 |
| 5.3333 | -0.0259 | 0 | 0 | 0 |
| 5.3667 | -0.0275 | 0 | 0 | 0 |
| 5.4 | -0.0262 | 0 | 0.0026 | 0.0026 |
| 5.4333 | -0.0295 | 0.0118 | 0.0013 | 0.0131 |
| 5.4667 | -0.0275 | 0.0118 | 0 | 0.0118 |
| 5.5 | -0.0259 | 0 | 0 | 0 |
| 5.5333 | -0.0282 | 0 | 0.0013 | 0.0013 |
| 5.5667 | -0.0255 | 0 | 0 | 0 |
| 5.6 | -0.0262 | 0.0118 | 0 | 0.0118 |
| 5.6333 | -0.0259 | 0 | 0.0013 | 0.0013 |
| 5.6667 | -0.0272 | 0.0118 | 0.0013 | 0.0131 |
| 5.7 | -0.0242 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 5.7333 | -0.0269 | 0 | 0 | 0 |
| 5.7667 | -0.0262 | 0 | 0 | 0 |
| 5.8 | -0.0269 | 0.0118 | 0 | 0.0118 |
| 5.8333 | -0.0232 | 0 | 0.0013 | 0.0013 |
| 5.8667 | -0.0275 | 0.025 | 0.0013 | 0.0262 |
| 5.9 | -0.0232 | 0 | 0 | 0 |
| 5.9333 | -0.0275 | 0 | 0.0013 | 0.0013 |
| 5.9667 | -0.0246 | 0 | 0 | 0 |
| 6 | -0.0236 | 0 | 0.0013 | 0.0013 |
| 6.0333 | -0.0236 | 0 | 0.0013 | 0.0013 |
| 6.0667 | -0.0242 | 0 | 0 | 0 |
| 6.1 | -0.0265 | 0.0118 | 0 | 0.0118 |
| 6.1333 | -0.0252 | 0.025 | 0 | 0.025 |
| 6.1667 | -0.0255 | 0.0118 | 0.0013 | 0.0131 |
| 6.2 | -0.0282 | 0 | 0.0013 | 0.0013 |
| 6.2333 | -0.0262 | 0 | 0 | 0 |
| 6.2667 | -0.0255 | 0 | 0.0013 | 0.0013 |
| 6.3 | -0.0246 | 0 | 0.0013 | 0.0013 |
| 6.3333 | -0.0259 | 0 | 0 | 0 |
| 6.3667 | -0.0236 | 0.0118 | 0 | 0.0118 |
| 6.4 | -0.0216 | 0 | 0 | 0 |
| 6.4333 | -0.0282 | 0 | 0.0013 | 0.0013 |
| 6.4667 | -0.0269 | 0 | 0.0026 | 0.0026 |
| 6.5 | -0.0242 | 0 | 0 | 0 |
| 6.5333 | -0.0249 | 0.0118 | 0 | 0.0118 |
| 6.5667 | -0.0275 | 0.0118 | 0 | 0.0118 |
| 6.6 | -0.0262 | 0 | 0.0013 | 0.0013 |
| 6.6333 | -0.0252 | 0.0118 | 0 | 0.0118 |
| 6.6667 | -0.0282 | 0 | 0.0013 | 0.0013 |
| 6.7 | -0.0288 | 0.0118 | 0 | 0.0118 |
| 6.7333 | -0.0249 | 0 | 0 | 0 |
| 6.7667 | -0.0246 | 0 | 0 | 0 |
| 6.8 | -0.0242 | 0 | 0 | 0 |
| 6.8333 | -0.0272 | 0.0118 | 0.0026 | 0.0144 |
| 6.8667 | -0.0262 | 0 | 0 | 0 |
| 6.9 | -0.0295 | 0 | 0 | 0 |
| 6.9333 | -0.0255 | 0 | 0 | 0 |
| 6.9667 | -0.0246 | 0 | 0.0013 | 0.0013 |
| 7 | -0.0275 | 0.0118 | 0 | 0.0118 |
| 7.0333 | -0.0255 | 0 | 0 | 0 |
| 7.0667 | -0.0265 | 0 | 0 | 0 |
| 7.1 | -0.0239 | 0.0118 | 0 | 0.0118 |
| 7.1333 | -0.0239 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 7.1667 | -0.0216 | 0 | 0 | 0 |
| 7.2 | -0.0219 | 0 | 0.0013 | 0.0013 |
| 7.2333 | -0.0203 | 0.0118 | 0.0013 | 0.0131 |
| 7.2667 | -0.0249 | 0.025 | 0.0013 | 0.0262 |
| 7.3 | -0.0246 | 0.0118 | 0 | 0.0118 |
| 7.3333 | -0.0213 | 0 | 0.0013 | 0.0013 |
| 7.3667 | -0.0229 | 0 | 0 | 0 |
| 7.4 | -0.0216 | 0 | 0.0013 | 0.0013 |
| 7.4333 | -0.0213 | 0.0118 | 0 | 0.0118 |
| 7.4667 | -0.0163 | 0 | 0 | 0 |
| 7.5 | -0.0206 | 0.025 | 0.0013 | 0.0262 |
| 7.5333 | -0.018 | 0.0118 | 0.0013 | 0.0131 |
| 7.5667 | -0.0173 | 0 | 0 | 0 |
| 7.6 | -0.0167 | 0.0118 | 0 | 0.0118 |
| 7.6333 | -0.015 | 0.0118 | 0 | 0.0118 |
| 7.6667 | -0.0157 | 0 | 0 | 0 |
| 7.7 | -0.017 | 0 | 0 | 0 |
| 7.7333 | -0.0147 | 0.0118 | 0 | 0.0118 |
| 7.7667 | -0.0121 | 0 | 0.0013 | 0.0013 |
| 7.8 | -0.0134 | 0.025 | 0 | 0.025 |
| 7.8333 | -0.0111 | 0.0118 | 0 | 0.0118 |
| 7.8667 | -0.0114 | 0 | 0.0013 | 0.0013 |
| 7.9 | -0.0117 | 0 | 0 | 0 |
| 7.9333 | -0.0094 | 0.025 | 0 | 0.025 |
| 7.9667 | -0.0097 | 0.0118 | 0.0013 | 0.0131 |
| 8 | -0.0091 | 0 | 0.0013 | 0.0013 |
| 8.0333 | -0.0091 | 0 | 0.0013 | 0.0013 |
| 8.0667 | -0.0084 | 0.0118 | 0 | 0.0118 |
| 8.1 | -0.0065 | 0.0118 | 0 | 0.0118 |
| 8.1333 | -0.0124 | 0.0118 | 0 | 0.0118 |
| 8.1667 | -0.0114 | 0 | 0 | 0 |
| 8.2 | -0.019 | 0.0118 | 0.0026 | 0.0144 |
| 8.2333 | -0.016 | 0 | 0.0013 | 0.0013 |
| 8.2667 | -0.0193 | 0.025 | 0 | 0.025 |
| 8.3 | -0.0223 | 0 | 0 | 0 |
| 8.3333 | -0.0193 | 0.0118 | 0.0013 | 0.0131 |
| 8.3667 | -0.02 | 0 | 0 | 0 |
| 8.4 | -0.0216 | 0.0118 | 0.0026 | 0.0144 |
| 8.4333 | -0.0249 | 0 | 0 | 0 |
| 8.4667 | -0.0229 | 0 | 0 | 0 |
| 8.5 | -0.0229 | 0 | 0.0013 | 0.0013 |
| 8.5333 | -0.0269 | 0 | 0.0026 | 0.0026 |
| 8.5667 | -0.0252 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 8.6 | -0.0232 | 0.0118 | 0.0013 | 0.0131 |
| 8.6333 | -0.0269 | 0.0118 | 0 | 0.0118 |
| 8.6667 | -0.0259 | 0.0118 | 0 | 0.0118 |
| 8.7 | -0.0236 | 0.0118 | 0 | 0.0118 |
| 8.7333 | -0.0219 | 0.0118 | 0 | 0.0118 |
| 8.7667 | -0.0239 | 0.0118 | 0 | 0.0118 |
| 8.8 | -0.0239 | 0.0118 | 0.0013 | 0.0131 |
| 8.8333 | -0.0265 | 0 | 0 | 0 |
| 8.8667 | -0.0236 | 0.0118 | 0 | 0.0118 |
| 8.9 | -0.0262 | 0.0118 | 0 | 0.0118 |
| 8.9333 | -0.0232 | 0 | 0 | 0 |
| 8.9667 | -0.0255 | 0.0118 | 0 | 0.0118 |
| 9 | -0.0223 | 0 | 0.0013 | 0.0013 |
| 9.0333 | -0.0236 | 0 | 0 | 0 |
| 9.0667 | -0.0226 | 0.0118 | 0.0013 | 0.0131 |
| 9.1 | -0.02 | 0 | 0.0013 | 0.0013 |
| 9.1333 | -0.0167 | 0 | 0 | 0 |
| 9.1667 | -0.0104 | 0 | 0 | 0 |
| 9.2 | -0.0101 | 0 | 0 | 0 |
| 9.2333 | -0.0032 | 0 | 0.0013 | 0.0013 |
| 9.2667 | 0.0005 | 0 | 0 | 0 |
| 9.3 | 0.0014 | 0 | 0 | 0 |
| 9.3333 | 0.0057 | 0 | 0 | 0 |
| 9.3667 | 0.009 | 0.025 | 0.0026 | 0.0276 |
| 9.4 | 0.0064 | 0 | 0 | 0 |
| 9.4333 | 0.0093 | 0.0118 | 0.0013 | 0.0131 |
| 9.4667 | 0.0093 | 0.0118 | 0.0013 | 0.0131 |
| 9.5 | 0.009 | 0.0118 | 0 | 0.0118 |
| 9.5333 | 0.0097 | 0 | 0 | 0 |
| 9.5667 | 0.0116 | 0 | 0 | 0 |
| 9.6 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 9.6333 | 0.009 | 0.0118 | 0 | 0.0118 |
| 9.6667 | 0.008 | 0 | 0 | 0 |
| 9.7 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 9.7333 | 0.0093 | 0.0118 | 0.0013 | 0.0131 |
| 9.7667 | 0.013 | 0.0118 | 0.0013 | 0.0131 |
| 9.8 | 0.0107 | 0.025 | 0.0013 | 0.0262 |
| 9.8333 | 0.0087 | 0 | 0 | 0 |
| 9.8667 | 0.0133 | 0.0118 | 0 | 0.0118 |
| 9.9 | 0.0103 | 0 | 0 | 0 |
| 9.9333 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 9.9667 | 0.0077 | 0 | 0 | 0 |
| 10 | 0.0103 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 10.0333 | 0.0116 | 0.0118 | 0.0026 | 0.0144 |
| 10.0667 | 0.0123 | 0 | 0 | 0 |
| 10.1 | 0.0116 | 0.0118 | 0 | 0.0118 |
| 10.1333 | 0.0064 | 0 | 0.0013 | 0.0013 |
| 10.1667 | 0.01 | 0.025 | 0.0013 | 0.0262 |
| 10.2 | 0.0093 | 0 | 0 | 0 |
| 10.2333 | 0.0064 | 0 | 0 | 0 |
| 10.2667 | 0.009 | 0 | 0 | 0 |
| 10.3 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 10.3333 | 0.0074 | 0.0118 | 0 | 0.0118 |
| 10.3667 | 0.007 | 0.0118 | 0 | 0.0118 |
| 10.4 | 0.0084 | 0 | 0.0026 | 0.0026 |
| 10.4333 | 0.01 | 0 | 0 | 0 |
| 10.4667 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 10.5 | 0.0084 | 0.0118 | 0.0013 | 0.0131 |
| 10.5333 | 0.006 | 0 | 0.0026 | 0.0026 |
| 10.5667 | 0.007 | 0 | 0 | 0 |
| 10.6 | 0.011 | 0.0118 | 0 | 0.0118 |
| 10.6333 | 0.007 | 0 | 0 | 0 |
| 10.6667 | 0.0057 | 0.0118 | 0 | 0.0118 |
| 10.7 | 0.01 | 0.0118 | 0 | 0.0118 |
| 10.7333 | 0.007 | 0 | 0 | 0 |
| 10.7667 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 10.8 | 0.0103 | 0.025 | 0 | 0.025 |
| 10.8333 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 10.8667 | 0.011 | 0 | 0.0013 | 0.0013 |
| 10.9 | 0.0107 | 0.0118 | 0.0013 | 0.0131 |
| 10.9333 | 0.0116 | 0.0118 | 0 | 0.0118 |
| 10.9667 | 0.0087 | 0.0118 | 0.0013 | 0.0131 |
| 11 | 0.01 | 0.025 | 0.0013 | 0.0262 |
| 11.0333 | 0.011 | 0.0118 | 0.0013 | 0.0131 |
| 11.0667 | 0.0107 | 0 | 0 | 0 |
| 11.1 | 0.0107 | 0.0118 | 0.0013 | 0.0131 |
| 11.1333 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 11.1667 | 0.009 | 0.0118 | 0 | 0.0118 |
| 11.2 | 0.0097 | 0 | 0.0013 | 0.0013 |
| 11.2333 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 11.2667 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 11.3 | 0.0093 | 0 | 0 | 0 |
| 11.3333 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 11.3667 | 0.0103 | 0 | 0 | 0 |
| 11.4 | 0.013 | 0 | 0 | 0 |
| 11.4333 | 0.0103 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 11.4667 | 0.009 | 0 | 0.0013 | 0.0013 |
| 11.5 | 0.013 | 0 | 0 | 0 |
| 11.5333 | 0.0103 | 0 | 0 | 0 |
| 11.5667 | 0.0107 | 0.0118 | 0.0013 | 0.0131 |
| 11.6 | 0.0133 | 0.0118 | 0.0013 | 0.0131 |
| 11.6333 | 0.0103 | 0.0118 | 0.0026 | 0.0144 |
| 11.6667 | 0.011 | 0 | 0.0026 | 0.0026 |
| 11.7 | 0.013 | 0.0118 | 0.0013 | 0.0131 |
| 11.7333 | 0.0113 | 0 | 0 | 0 |
| 11.7667 | 0.0116 | 0.0118 | 0.0013 | 0.0131 |
| 11.8 | 0.011 | 0.0118 | 0 | 0.0118 |
| 11.8333 | 0.009 | 0 | 0 | 0 |
| 11.8667 | 0.012 | 0 | 0.0013 | 0.0013 |
| 11.9 | 0.011 | 0.0118 | 0 | 0.0118 |
| 11.9333 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 11.9667 | 0.0126 | 0.0118 | 0 | 0.0118 |
| 12 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 12.0333 | 0.0113 | 0.0118 | 0.0013 | 0.0131 |
| 12.0667 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 12.1 | 0.009 | 0 | 0.0013 | 0.0013 |
| 12.1333 | 0.0084 | 0 | 0.0026 | 0.0026 |
| 12.1667 | 0.0126 | 0 | 0 | 0 |
| 12.2 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 12.2333 | 0.0107 | 0.0118 | 0.0013 | 0.0131 |
| 12.2667 | 0.011 | 0.0118 | 0 | 0.0118 |
| 12.3 | 0.0097 | 0.0118 | 0.0013 | 0.0131 |
| 12.3333 | 0.011 | 0 | 0 | 0 |
| 12.3667 | 0.0103 | 0.0118 | 0 | 0.0118 |
| 12.4 | 0.012 | 0 | 0.0013 | 0.0013 |
| 12.4333 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 12.4667 | 0.0093 | 0 | 0 | 0 |
| 12.5 | 0.0074 | 0 | 0.0026 | 0.0026 |
| 12.5333 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 12.5667 | 0.01 | 0 | 0 | 0 |
| 12.6 | 0.008 | 0 | 0 | 0 |
| 12.6333 | 0.0077 | 0 | 0 | 0 |
| 12.6667 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 12.7 | 0.0057 | 0 | 0 | 0 |
| 12.7333 | 0.0057 | 0 | 0 | 0 |
| 12.7667 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 12.8 | 0.0074 | 0 | 0 | 0 |
| 12.8333 | 0.0084 | 0 | 0.0026 | 0.0026 |
| 12.8667 | 0.0103 | 0.025 | 0.0013 | 0.0262 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 12.9 | 0.0074 | 0.0118 | 0 | 0.0118 |
| 12.9333 | 0.0087 | 0 | 0 | 0 |
| 12.9667 | 0.0093 | 0 | 0 | 0 |
| 13 | 0.009 | 0.0118 | 0.0013 | 0.0131 |
| 13.0333 | 0.0107 | 0.0118 | 0.0013 | 0.0131 |
| 13.0667 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 13.1 | 0.008 | 0.0118 | 0.0026 | 0.0144 |
| 13.1333 | 0.0074 | 0.0118 | 0 | 0.0118 |
| 13.1667 | 0.0097 | 0 | 0.0013 | 0.0013 |
| 13.2 | 0.007 | 0.0118 | 0 | 0.0118 |
| 13.2333 | 0.0097 | 0 | 0 | 0 |
| 13.2667 | 0.0103 | 0 | 0 | 0 |
| 13.3 | 0.0057 | 0 | 0.0013 | 0.0013 |
| 13.3333 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 13.3667 | 0.009 | 0 | 0 | 0 |
| 13.4 | 0.0067 | 0 | 0 | 0 |
| 13.4333 | 0.0107 | 0 | 0 | 0 |
| 13.4667 | 0.0074 | 0 | 0.0013 | 0.0013 |
| 13.5 | 0.006 | 0 | 0.0013 | 0.0013 |
| 13.5333 | 0.006 | 0.025 | 0 | 0.025 |
| 13.5667 | 0.0107 | 0.0118 | 0.0013 | 0.0131 |
| 13.6 | 0.0103 | 0 | 0 | 0 |
| 13.6333 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 13.6667 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 13.7 | 0.0107 | 0.0118 | 0.0013 | 0.0131 |
| 13.7333 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 13.7667 | 0.0107 | 0 | 0 | 0 |
| 13.8 | 0.01 | 0 | 0.0013 | 0.0013 |
| 13.8333 | 0.0087 | 0 | 0 | 0 |
| 13.8667 | 0.0103 | 0 | 0 | 0 |
| 13.9 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 13.9333 | 0.01 | 0 | 0 | 0 |
| 13.9667 | 0.0116 | 0.0118 | 0.0013 | 0.0131 |
| 14 | 0.013 | 0.025 | 0 | 0.025 |
| 14.0333 | 0.0097 | 0.0118 | 0.0013 | 0.0131 |
| 14.0667 | 0.0123 | 0 | 0 | 0 |
| 14.1 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 14.1333 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 14.1667 | 0.0113 | 0.0118 | 0.0013 | 0.0131 |
| 14.2 | 0.0133 | 0 | 0 | 0 |
| 14.2333 | 0.012 | 0.025 | 0.0013 | 0.0262 |
| 14.2667 | 0.0107 | 0 | 0 | 0 |
| 14.3 | 0.013 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 14.3333 | 0.0116 | 0.0118 | 0.0013 | 0.0131 |
| 14.3667 | 0.0123 | 0.0118 | 0.0013 | 0.0131 |
| 14.4 | 0.0113 | 0.0118 | 0 | 0.0118 |
| 14.4333 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 14.4667 | 0.01 | 0 | 0.0026 | 0.0026 |
| 14.5 | 0.011 | 0.0118 | 0 | 0.0118 |
| 14.5333 | 0.01 | 0.0118 | 0 | 0.0118 |
| 14.5667 | 0.013 | 0.0118 | 0.0013 | 0.0131 |
| 14.6 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 14.6333 | 0.0123 | 0 | 0 | 0 |
| 14.6667 | 0.01 | 0 | 0.0013 | 0.0013 |
| 14.7 | 0.012 | 0 | 0.0013 | 0.0013 |
| 14.7333 | 0.0136 | 0 | 0.0013 | 0.0013 |
| 14.7667 | 0.0107 | 0 | 0.0026 | 0.0026 |
| 14.8 | 0.0136 | 0.0118 | 0.0013 | 0.0131 |
| 14.8333 | 0.0113 | 0.0118 | 0 | 0.0118 |
| 14.8667 | 0.0116 | 0 | 0 | 0 |
| 14.9 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 14.9333 | 0.0123 | 0.0118 | 0 | 0.0118 |
| 14.9667 | 0.0136 | 0 | 0 | 0 |
| 15 | 0.0103 | 0.0118 | 0.0013 | 0.0131 |
| 15.0333 | 0.0143 | 0.0118 | 0 | 0.0118 |
| 15.0667 | 0.0133 | 0.0118 | 0 | 0.0118 |
| 15.1 | 0.011 | 0 | 0 | 0 |
| 15.1333 | 0.0093 | 0.0118 | 0.0013 | 0.0131 |
| 15.1667 | 0.0126 | 0 | 0 | 0 |
| 15.2 | 0.0116 | 0 | 0 | 0 |
| 15.2333 | 0.012 | 0.0118 | 0 | 0.0118 |
| 15.2667 | 0.011 | 0 | 0.0013 | 0.0013 |
| 15.3 | 0.0113 | 0 | 0 | 0 |
| 15.3333 | 0.0116 | 0.025 | 0.0013 | 0.0262 |
| 15.3667 | 0.009 | 0.0118 | 0 | 0.0118 |
| 15.4 | 0.0103 | 0.0118 | 0.0026 | 0.0144 |
| 15.4333 | 0.0113 | 0 | 0 | 0 |
| 15.4667 | 0.0103 | 0.0118 | 0 | 0.0118 |
| 15.5 | 0.0087 | 0 | 0 | 0 |
| 15.5333 | 0.0103 | 0 | 0 | 0 |
| 15.5667 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 15.6 | 0.01 | 0.025 | 0.0013 | 0.0262 |
| 15.6333 | 0.011 | 0 | 0.0013 | 0.0013 |
| 15.6667 | 0.01 | 0.0118 | 0 | 0.0118 |
| 15.7 | 0.0084 | 0 | 0 | 0 |
| 15.7333 | 0.0093 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 15.7667 | 0.011 | 0 | 0 | 0 |
| 15.8 | 0.0113 | 0.0118 | 0.0013 | 0.0131 |
| 15.8333 | 0.009 | 0 | 0 | 0 |
| 15.8667 | 0.008 | 0 | 0 | 0 |
| 15.9 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 15.9333 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 15.9667 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 16 | 0.0097 | 0.0118 | 0.0013 | 0.0131 |
| 16.0333 | 0.0084 | 0 | 0.0013 | 0.0013 |
| 16.0667 | 0.0077 | 0 | 0 | 0 |
| 16.1 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 16.1333 | 0.007 | 0 | 0 | 0 |
| 16.1667 | 0.008 | 0.0118 | 0 | 0.0118 |
| 16.2 | 0.0103 | 0 | 0 | 0 |
| 16.2333 | 0.0064 | 0.0118 | 0.0026 | 0.0144 |
| 16.2667 | 0.0103 | 0.025 | 0 | 0.025 |
| 16.3 | 0.0064 | 0 | 0 | 0 |
| 16.3333 | 0.007 | 0 | 0 | 0 |
| 16.3667 | 0.007 | 0 | 0 | 0 |
| 16.4 | 0.0074 | 0 | 0 | 0 |
| 16.4333 | 0.0093 | 0.0118 | 0.0013 | 0.0131 |
| 16.4667 | 0.0107 | 0.0118 | 0.0013 | 0.0131 |
| 16.5 | 0.011 | 0 | 0.0013 | 0.0013 |
| 16.5333 | 0.011 | 0.0118 | 0 | 0.0118 |
| 16.5667 | 0.0103 | 0.0118 | 0.0013 | 0.0131 |
| 16.6 | 0.01 | 0 | 0 | 0 |
| 16.6333 | 0.011 | 0.0118 | 0.0013 | 0.0131 |
| 16.6667 | 0.0113 | 0 | 0 | 0 |
| 16.7 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 16.7333 | 0.009 | 0 | 0.0013 | 0.0013 |
| 16.7667 | 0.0097 | 0 | 0.0013 | 0.0013 |
| 16.8 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 16.8333 | 0.009 | 0.0118 | 0 | 0.0118 |
| 16.8667 | 0.006 | 0.0118 | 0 | 0.0118 |
| 16.9 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 16.9333 | 0.0093 | 0 | 0.0026 | 0.0026 |
| 16.9667 | 0.0064 | 0.0118 | 0.0013 | 0.0131 |
| 17 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 17.0333 | 0.011 | 0 | 0 | 0 |
| 17.0667 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 17.1 | 0.0103 | 0 | 0 | 0 |
| 17.1333 | 0.008 | 0 | 0 | 0 |
| 17.1667 | 0.011 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 17.2 | 0.0064 | 0 | 0.0013 | 0.0013 |
| 17.2333 | 0.0057 | 0 | 0 | 0 |
| 17.2667 | 0.01 | 0 | 0.0013 | 0.0013 |
| 17.3 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 17.3333 | 0.009 | 0 | 0 | 0 |
| 17.3667 | 0.008 | 0 | 0.0013 | 0.0013 |
| 17.4 | 0.009 | 0.0118 | 0 | 0.0118 |
| 17.4333 | 0.0067 | 0.0118 | 0 | 0.0118 |
| 17.4667 | 0.0097 | 0 | 0.0013 | 0.0013 |
| 17.5 | 0.0084 | 0 | 0 | 0 |
| 17.5333 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 17.5667 | 0.0093 | 0 | 0 | 0 |
| 17.6 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 17.6333 | 0.0087 | 0 | 0.0026 | 0.0026 |
| 17.6667 | 0.0074 | 0 | 0 | 0 |
| 17.7 | 0.0097 | 0 | 0 | 0 |
| 17.7333 | 0.009 | 0 | 0 | 0 |
| 17.7667 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 17.8 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 17.8333 | 0.01 | 0 | 0 | 0 |
| 17.8667 | 0.0136 | 0 | 0.0013 | 0.0013 |
| 17.9 | 0.008 | 0.0118 | 0 | 0.0118 |
| 17.9333 | 0.0077 | 0 | 0.0026 | 0.0026 |
| 17.9667 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 18 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 18.0333 | 0.012 | 0 | 0 | 0 |
| 18.0667 | 0.008 | 0.0118 | 0 | 0.0118 |
| 18.1 | 0.0107 | 0 | 0 | 0 |
| 18.1333 | 0.0103 | 0.025 | 0.0013 | 0.0262 |
| 18.1667 | 0.009 | 0.025 | 0 | 0.025 |
| 18.2 | 0.0107 | 0.025 | 0.0013 | 0.0262 |
| 18.2333 | 0.012 | 0 | 0 | 0 |
| 18.2667 | 0.011 | 0 | 0 | 0 |
| 18.3 | 0.0103 | 0.0118 | 0.0013 | 0.0131 |
| 18.3333 | 0.013 | 0.025 | 0.0013 | 0.0262 |
| 18.3667 | 0.013 | 0 | 0 | 0 |
| 18.4 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 18.4333 | 0.011 | 0 | 0.0013 | 0.0013 |
| 18.4667 | 0.013 | 0.0118 | 0.0013 | 0.0131 |
| 18.5 | 0.01 | 0 | 0 | 0 |
| 18.5333 | 0.012 | 0.0118 | 0.0026 | 0.0144 |
| 18.5667 | 0.0113 | 0.0118 | 0.0013 | 0.0131 |
| 18.6 | 0.0133 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 18.6333 | 0.0103 | 0 | 0 | 0 |
| 18.6667 | 0.0116 | 0 | 0 | 0 |
| 18.7 | 0.0123 | 0.0118 | 0.0013 | 0.0131 |
| 18.7333 | 0.01 | 0.0118 | 0 | 0.0118 |
| 18.7667 | 0.0113 | 0.0118 | 0.0013 | 0.0131 |
| 18.8 | 0.0133 | 0 | 0 | 0 |
| 18.8333 | 0.012 | 0 | 0.0013 | 0.0013 |
| 18.8667 | 0.0133 | 0.0118 | 0 | 0.0118 |
| 18.9 | 0.0113 | 0.0118 | 0.0013 | 0.0131 |
| 18.9333 | 0.009 | 0 | 0 | 0 |
| 18.9667 | 0.0126 | 0.0118 | 0 | 0.0118 |
| 19 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 19.0333 | 0.011 | 0.0118 | 0 | 0.0118 |
| 19.0667 | 0.011 | 0.0118 | 0 | 0.0118 |
| 19.1 | 0.0123 | 0.0118 | 0 | 0.0118 |
| 19.1333 | 0.0116 | 0.0118 | 0 | 0.0118 |
| 19.1667 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 19.2 | 0.0093 | 0 | 0 | 0 |
| 19.2333 | 0.0107 | 0 | 0 | 0 |
| 19.2667 | 0.0116 | 0 | 0.0026 | 0.0026 |
| 19.3 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 19.3333 | 0.0107 | 0.025 | 0.0013 | 0.0262 |
| 19.3667 | 0.009 | 0 | 0 | 0 |
| 19.4 | 0.013 | 0.0118 | 0 | 0.0118 |
| 19.4333 | 0.0116 | 0.0118 | 0 | 0.0118 |
| 19.4667 | 0.011 | 0.0118 | 0.0013 | 0.0131 |
| 19.5 | 0.008 | 0.025 | 0.0013 | 0.0262 |
| 19.5333 | 0.01 | 0.025 | 0 | 0.025 |
| 19.5667 | 0.0097 | 0.0118 | 0.0013 | 0.0131 |
| 19.6 | 0.01 | 0.0118 | 0 | 0.0118 |
| 19.6333 | 0.0113 | 0 | 0 | 0 |
| 19.6667 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 19.7 | 0.0149 | 0 | 0.0013 | 0.0013 |
| 19.7333 | 0.0107 | 0 | 0 | 0 |
| 19.7667 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 19.8 | 0.01 | 0.025 | 0.0013 | 0.0262 |
| 19.8333 | 0.012 | 0 | 0.0013 | 0.0013 |
| 19.8667 | 0.0107 | 0 | 0 | 0 |
| 19.9 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 19.9333 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 19.9667 | 0.0077 | 0.0118 | 0 | 0.0118 |
| 20 | 0.009 | 0 | 0.0026 | 0.0026 |
| 20.0333 | 0.0097 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 20.0667 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 20.1 | 0.009 | 0.0118 | 0 | 0.0118 |
| 20.1333 | 0.007 | 0 | 0 | 0 |
| 20.1667 | 0.0136 | 0 | 0 | 0 |
| 20.2 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 20.2333 | 0.0113 | 0.0118 | 0 | 0.0118 |
| 20.2667 | 0.011 | 0 | 0 | 0 |
| 20.3 | 0.0093 | 0.0118 | 0.0013 | 0.0131 |
| 20.3333 | 0.0139 | 0 | 0 | 0 |
| 20.3667 | 0.0133 | 0.0118 | 0 | 0.0118 |
| 20.4 | 0.0097 | 0.0118 | 0.0013 | 0.0131 |
| 20.4333 | 0.012 | 0 | 0 | 0 |
| 20.4667 | 0.0107 | 0 | 0 | 0 |
| 20.5 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 20.5333 | 0.011 | 0 | 0 | 0 |
| 20.5667 | 0.0103 | 0.0118 | 0 | 0.0118 |
| 20.6 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 20.6333 | 0.013 | 0.0118 | 0 | 0.0118 |
| 20.6667 | 0.0087 | 0.0118 | 0.0013 | 0.0131 |
| 20.7 | 0.0123 | 0.0118 | 0.0026 | 0.0144 |
| 20.7333 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 20.7667 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 20.8 | 0.011 | 0 | 0.0013 | 0.0013 |
| 20.8333 | 0.013 | 0 | 0.0013 | 0.0013 |
| 20.8667 | 0.0107 | 0 | 0 | 0 |
| 20.9 | 0.01 | 0 | 0 | 0 |
| 20.9333 | 0.0097 | 0 | 0.0013 | 0.0013 |
| 20.9667 | 0.0097 | 0 | 0 | 0 |
| 21 | 0.0107 | 0 | 0 | 0 |
| 21.0333 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 21.0667 | 0.0126 | 0.0118 | 0 | 0.0118 |
| 21.1 | 0.0126 | 0 | 0 | 0 |
| 21.1333 | 0.0087 | 0.0118 | 0.0013 | 0.0131 |
| 21.1667 | 0.009 | 0.0118 | 0 | 0.0118 |
| 21.2 | 0.0087 | 0.025 | 0.0026 | 0.0276 |
| 21.2333 | 0.009 | 0 | 0 | 0 |
| 21.2667 | 0.011 | 0.025 | 0.0013 | 0.0262 |
| 21.3 | 0.011 | 0 | 0 | 0 |
| 21.3333 | 0.0077 | 0.0118 | 0.0013 | 0.0131 |
| 21.3667 | 0.01 | 0.0118 | 0 | 0.0118 |
| 21.4 | 0.0133 | 0.025 | 0.0013 | 0.0262 |
| 21.4333 | 0.0133 | 0.0118 | 0.0026 | 0.0144 |
| 21.4667 | 0.0093 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 21.5 | 0.0077 | 0 | 0 | 0 |
| 21.5333 | 0.0087 | 0 | 0 | 0 |
| 21.5667 | 0.01 | 0 | 0 | 0 |
| 21.6 | 0.0087 | 0.0118 | 0.0013 | 0.0131 |
| 21.6333 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 21.6667 | 0.0113 | 0 | 0 | 0 |
| 21.7 | 0.011 | 0 | 0 | 0 |
| 21.7333 | 0.012 | 0.025 | 0 | 0.025 |
| 21.7667 | 0.01 | 0.0118 | 0 | 0.0118 |
| 21.8 | 0.01 | 0 | 0 | 0 |
| 21.8333 | 0.0139 | 0 | 0.0026 | 0.0026 |
| 21.8667 | 0.0077 | 0 | 0.0026 | 0.0026 |
| 21.9 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 21.9333 | 0.008 | 0.0118 | 0 | 0.0118 |
| 21.9667 | 0.0077 | 0.0118 | 0 | 0.0118 |
| 22 | 0.0077 | 0 | 0 | 0 |
| 22.0333 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 22.0667 | 0.0087 | 0.0118 | 0.0013 | 0.0131 |
| 22.1 | 0.0077 | 0 | 0 | 0 |
| 22.1333 | 0.0067 | 0.025 | 0 | 0.025 |
| 22.1667 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 22.2 | 0.0103 | 0.0118 | 0 | 0.0118 |
| 22.2333 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 22.2667 | 0.0139 | 0.0118 | 0.0013 | 0.0131 |
| 22.3 | 0.01 | 0 | 0.0013 | 0.0013 |
| 22.3333 | 0.0084 | 0 | 0.0013 | 0.0013 |
| 22.3667 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 22.4 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 22.4333 | 0.0126 | 0.0118 | 0.0013 | 0.0131 |
| 22.4667 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 22.5 | 0.0136 | 0.0118 | 0.0013 | 0.0131 |
| 22.5333 | 0.01 | 0 | 0.0013 | 0.0013 |
| 22.5667 | 0.0087 | 0.0118 | 0.0013 | 0.0131 |
| 22.6 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 22.6333 | 0.0087 | 0.0118 | 0.0013 | 0.0131 |
| 22.6667 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 22.7 | 0.0103 | 0.0118 | 0.0013 | 0.0131 |
| 22.7333 | 0.0107 | 0 | 0 | 0 |
| 22.7667 | 0.0139 | 0 | 0 | 0 |
| 22.8 | 0.011 | 0.0118 | 0 | 0.0118 |
| 22.8333 | 0.0123 | 0.0118 | 0 | 0.0118 |
| 22.8667 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 22.9 | 0.0084 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 22.9333 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 22.9667 | 0.0126 | 0.0118 | 0.0013 | 0.0131 |
| 23 | 0.0093 | 0 | 0 | 0 |
| 23.0333 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 23.0667 | 0.0113 | 0.0118 | 0.0013 | 0.0131 |
| 23.1 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 23.1333 | 0.0113 | 0.0118 | 0 | 0.0118 |
| 23.1667 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 23.2 | 0.0107 | 0.0118 | 0.0013 | 0.0131 |
| 23.2333 | 0.0107 | 0 | 0 | 0 |
| 23.2667 | 0.0084 | 0.025 | 0.0013 | 0.0262 |
| 23.3 | 0.012 | 0.0118 | 0 | 0.0118 |
| 23.3333 | 0.01 | 0 | 0.0013 | 0.0013 |
| 23.3667 | 0.0107 | 0.0118 | 0.0013 | 0.0131 |
| 23.4 | 0.0103 | 0 | 0 | 0 |
| 23.4333 | 0.01 | 0.0118 | 0 | 0.0118 |
| 23.4667 | 0.01 | 0.025 | 0 | 0.025 |
| 23.5 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 23.5333 | 0.009 | 0.0118 | 0 | 0.0118 |
| 23.5667 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 23.6 | 0.0074 | 0 | 0.0013 | 0.0013 |
| 23.6333 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 23.6667 | 0.0097 | 0.0118 | 0.0013 | 0.0131 |
| 23.7 | 0.01 | 0 | 0.0013 | 0.0013 |
| 23.7333 | 0.0113 | 0 | 0 | 0 |
| 23.7667 | 0.0074 | 0.0118 | 0 | 0.0118 |
| 23.8 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 23.8333 | 0.011 | 0 | 0.0013 | 0.0013 |
| 23.8667 | 0.0123 | 0.0118 | 0.0026 | 0.0144 |
| 23.9 | 0.0093 | 0 | 0.0026 | 0.0026 |
| 23.9333 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 23.9667 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 24 | 0.0126 | 0 | 0 | 0 |
| 24.0333 | 0.009 | 0.0118 | 0 | 0.0118 |
| 24.0667 | 0.01 | 0 | 0.0013 | 0.0013 |
| 24.1 | 0.008 | 0 | 0 | 0 |
| 24.1333 | 0.0087 | 0 | 0 | 0 |
| 24.1667 | 0.0097 | 0 | 0.0013 | 0.0013 |
| 24.2 | 0.011 | 0.0118 | 0 | 0.0118 |
| 24.2333 | 0.0074 | 0 | 0 | 0 |
| 24.2667 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 24.3 | 0.0084 | 0 | 0.0013 | 0.0013 |
| 24.3333 | 0.0074 | 0 | 0.0026 | 0.0026 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 24.3667 | 0.0064 | 0.0118 | 0.0013 | 0.0131 |
| 24.4 | 0.0113 | 0 | 0 | 0 |
| 24.4333 | 0.008 | 0.0118 | 0 | 0.0118 |
| 24.4667 | 0.008 | 0 | 0 | 0 |
| 24.5 | 0.0123 | 0.0118 | 0.0013 | 0.0131 |
| 24.5333 | 0.0107 | 0.0118 | 0.0013 | 0.0131 |
| 24.5667 | 0.0113 | 0 | 0 | 0 |
| 24.6 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 24.6333 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 24.6667 | 0.0107 | 0 | 0 | 0 |
| 24.7 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 24.7333 | 0.0084 | 0 | 0 | 0 |
| 24.7667 | 0.01 | 0.0118 | 0 | 0.0118 |
| 24.8 | 0.0103 | 0 | 0 | 0 |
| 24.8333 | 0.0103 | 0.0118 | 0.0013 | 0.0131 |
| 24.8667 | 0.0074 | 0.0118 | 0 | 0.0118 |
| 24.9 | 0.011 | 0 | 0 | 0 |
| 24.9333 | 0.0103 | 0 | 0 | 0 |
| 24.9667 | 0.0097 | 0 | 0 | 0 |
| 25 | 0.0093 | 0 | 0 | 0 |
| 25.0333 | 0.0093 | 0.025 | 0 | 0.025 |
| 25.0667 | 0.0077 | 0.0118 | 0 | 0.0118 |
| 25.1 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 25.1333 | 0.0107 | 0 | 0 | 0 |
| 25.1667 | 0.0107 | 0.0118 | 0.0026 | 0.0144 |
| 25.2 | 0.007 | 0.0118 | 0.0013 | 0.0131 |
| 25.2333 | 0.0113 | 0.0118 | 0.0013 | 0.0131 |
| 25.2667 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 25.3 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 25.3333 | 0.0067 | 0.025 | 0.0013 | 0.0262 |
| 25.3667 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 25.4 | 0.0126 | 0.0118 | 0.0013 | 0.0131 |
| 25.4333 | 0.01 | 0.0118 | 0.0013 | 0.0131 |
| 25.4667 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 25.5 | 0.0103 | 0 | 0 | 0 |
| 25.5333 | 0.0116 | 0 | 0 | 0 |
| 25.5667 | 0.011 | 0 | 0.0026 | 0.0026 |
| 25.6 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 25.6333 | 0.011 | 0 | 0 | 0 |
| 25.6667 | 0.012 | 0 | 0 | 0 |
| 25.7 | 0.0093 | 0 | 0 | 0 |
| 25.7333 | 0.0087 | 0 | 0 | 0 |
| 25.7667 | 0.008 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 25.8 | 0.009 | 0 | 0 | 0 |
| 25.8333 | 0.0087 | 0.0118 | 0.0013 | 0.0131 |
| 25.8667 | 0.0103 | 0.0118 | 0.0013 | 0.0131 |
| 25.9 | 0.0093 | 0 | 0 | 0 |
| 25.9333 | 0.006 | 0.0118 | 0 | 0.0118 |
| 25.9667 | 0.0107 | 0 | 0 | 0 |
| 26 | 0.009 | 0 | 0 | 0 |
| 26.0333 | 0.01 | 0.025 | 0 | 0.025 |
| 26.0667 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 26.1 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 26.1333 | 0.011 | 0.0118 | 0 | 0.0118 |
| 26.1667 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 26.2 | 0.011 | 0 | 0.0026 | 0.0026 |
| 26.2333 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 26.2667 | 0.009 | 0.0118 | 0.0013 | 0.0131 |
| 26.3 | 0.011 | 0.0118 | 0 | 0.0118 |
| 26.3333 | 0.0123 | 0 | 0 | 0 |
| 26.3667 | 0.0123 | 0 | 0 | 0 |
| 26.4 | 0.0113 | 0 | 0 | 0 |
| 26.4333 | 0.0107 | 0 | 0 | 0 |
| 26.4667 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 26.5 | 0.0116 | 0.0118 | 0.0013 | 0.0131 |
| 26.5333 | 0.0103 | 0 | 0 | 0 |
| 26.5667 | 0.008 | 0 | 0 | 0 |
| 26.6 | 0.0067 | 0 | 0.0013 | 0.0013 |
| 26.6333 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 26.6667 | 0.0084 | 0 | 0 | 0 |
| 26.7 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 26.7333 | 0.0113 | 0.025 | 0.0013 | 0.0262 |
| 26.7667 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 26.8 | 0.0064 | 0.0118 | 0.0013 | 0.0131 |
| 26.8333 | 0.0103 | 0.0118 | 0 | 0.0118 |
| 26.8667 | 0.0116 | 0.0118 | 0 | 0.0118 |
| 26.9 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 26.9333 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 26.9667 | 0.0097 | 0 | 0 | 0 |
| 27 | 0.0113 | 0 | 0 | 0 |
| 27.0333 | 0.01 | 0 | 0.0013 | 0.0013 |
| 27.0667 | 0.01 | 0.025 | 0 | 0.025 |
| 27.1 | 0.0116 | 0.0118 | 0 | 0.0118 |
| 27.1333 | 0.009 | 0 | 0.0013 | 0.0013 |
| 27.1667 | 0.0074 | 0.0118 | 0.0013 | 0.0131 |
| 27.2 | 0.0107 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 27.2333 | 0.0084 | 0.0118 | 0.0013 | 0.0131 |
| 27.2667 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 27.3 | 0.007 | 0 | 0.0013 | 0.0013 |
| 27.3333 | 0.0064 | 0 | 0.0026 | 0.0026 |
| 27.3667 | 0.01 | 0 | 0.0013 | 0.0013 |
| 27.4 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 27.4333 | 0.0097 | 0 | 0 | 0 |
| 27.4667 | 0.009 | 0.0118 | 0 | 0.0118 |
| 27.5 | 0.0097 | 0 | 0 | 0 |
| 27.5333 | 0.012 | 0 | 0.0013 | 0.0013 |
| 27.5667 | 0.0074 | 0.0118 | 0 | 0.0118 |
| 27.6 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 27.6333 | 0.0146 | 0 | 0.0013 | 0.0013 |
| 27.6667 | 0.011 | 0 | 0 | 0 |
| 27.7 | 0.008 | 0 | 0 | 0 |
| 27.7333 | 0.0084 | 0 | 0 | 0 |
| 27.7667 | 0.009 | 0 | 0 | 0 |
| 27.8 | 0.01 | 0 | 0.0013 | 0.0013 |
| 27.8333 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 27.8667 | 0.01 | 0 | 0.0026 | 0.0026 |
| 27.9 | 0.009 | 0.0118 | 0.0013 | 0.0131 |
| 27.9333 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 27.9667 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 28 | 0.0107 | 0 | 0 | 0 |
| 28.0333 | 0.0107 | 0 | 0 | 0 |
| 28.0667 | 0.0067 | 0.0118 | 0 | 0.0118 |
| 28.1 | 0.0084 | 0.0118 | 0.0026 | 0.0144 |
| 28.1333 | 0.0097 | 0.0118 | 0.0013 | 0.0131 |
| 28.1667 | 0.0103 | 0.0118 | 0.0013 | 0.0131 |
| 28.2 | 0.0097 | 0.0118 | 0 | 0.0118 |
| 28.2333 | 0.0103 | 0.0118 | 0.0013 | 0.0131 |
| 28.2667 | 0.0103 | 0.025 | 0 | 0.025 |
| 28.3 | 0.0097 | 0.025 | 0 | 0.025 |
| 28.3333 | 0.0093 | 0 | 0 | 0 |
| 28.3667 | 0.0093 | 0 | 0 | 0 |
| 28.4 | 0.007 | 0 | 0 | 0 |
| 28.4333 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 28.4667 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 28.5 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 28.5333 | 0.0084 | 0 | 0 | 0 |
| 28.5667 | 0.0074 | 0.025 | 0 | 0.025 |
| 28.6 | 0.0074 | 0.0118 | 0.0013 | 0.0131 |
| 28.6333 | 0.0116 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 28.6667 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 28.7 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 28.7333 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 28.7667 | 0.0103 | 0.0118 | 0.0026 | 0.0144 |
| 28.8 | 0.008 | 0.0118 | 0 | 0.0118 |
| 28.8333 | 0.0116 | 0.0118 | 0 | 0.0118 |
| 28.8667 | 0.0097 | 0 | 0 | 0 |
| 28.9 | 0.009 | 0.0118 | 0 | 0.0118 |
| 28.9333 | 0.0084 | 0 | 0 | 0 |
| 28.9667 | 0.01 | 0 | 0 | 0 |
| 29 | 0.0116 | 0.0118 | 0.0013 | 0.0131 |
| 29.0333 | 0.012 | 0 | 0.0026 | 0.0026 |
| 29.0667 | 0.0107 | 0 | 0 | 0 |
| 29.1 | 0.0103 | 0.0118 | 0.0013 | 0.0131 |
| 29.1333 | 0.0097 | 0 | 0 | 0 |
| 29.1667 | 0.009 | 0 | 0 | 0 |
| 29.2 | 0.0067 | 0.0118 | 0.0013 | 0.0131 |
| 29.2333 | 0.008 | 0 | 0 | 0 |
| 29.2667 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 29.3 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 29.3333 | 0.011 | 0.0118 | 0 | 0.0118 |
| 29.3667 | 0.0126 | 0.025 | 0 | 0.025 |
| 29.4 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 29.4333 | 0.0087 | 0 | 0 | 0 |
| 29.4667 | 0.0097 | 0.0118 | 0 | 0.0118 |
| 29.5 | 0.0126 | 0 | 0.0013 | 0.0013 |
| 29.5333 | 0.01 | 0 | 0.0013 | 0.0013 |
| 29.5667 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 29.6 | 0.012 | 0 | 0 | 0 |
| 29.6333 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 29.6667 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 29.7 | 0.011 | 0.0118 | 0.0013 | 0.0131 |
| 29.7333 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 29.7667 | 0.0097 | 0.0118 | 0.0013 | 0.0131 |
| 29.8 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 29.8333 | 0.0097 | 0.025 | 0 | 0.025 |
| 29.8667 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 29.9 | 0.0074 | 0.0118 | 0 | 0.0118 |
| 29.9333 | 0.0084 | 0 | 0 | 0 |
| 29.9667 | 0.006 | 0 | 0.0026 | 0.0026 |
| 30 | 0.01 | 0.025 | 0.0013 | 0.0262 |
| 30.0333 | 0.0116 | 0.0118 | 0 | 0.0118 |
| 30.0667 | 0.01 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 30.1 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 30.1333 | 0.007 | 0.0118 | 0.0013 | 0.0131 |
| 30.1667 | 0.0054 | 0 | 0.0013 | 0.0013 |
| 30.2 | 0.011 | 0.0118 | 0 | 0.0118 |
| 30.2333 | 0.01 | 0.0118 | 0.0026 | 0.0144 |
| 30.2667 | 0.008 | 0.0118 | 0 | 0.0118 |
| 30.3 | 0.01 | 0 | 0 | 0 |
| 30.3333 | 0.01 | 0 | 0.0013 | 0.0013 |
| 30.3667 | 0.009 | 0.0118 | 0.0013 | 0.0131 |
| 30.4 | 0.0093 | 0.0118 | 0.0013 | 0.0131 |
| 30.4333 | 0.006 | 0.0118 | 0.0013 | 0.0131 |
| 30.4667 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 30.5 | 0.0084 | 0 | 0.0013 | 0.0013 |
| 30.5333 | 0.0113 | 0.0118 | 0.0026 | 0.0144 |
| 30.5667 | 0.0087 | 0 | 0 | 0 |
| 30.6 | 0.0113 | 0.0118 | 0.0013 | 0.0131 |
| 30.6333 | 0.0116 | 0.0118 | 0.0026 | 0.0144 |
| 30.6667 | 0.0097 | 0 | 0.0013 | 0.0013 |
| 30.7 | 0.0084 | 0 | 0.0013 | 0.0013 |
| 30.7333 | 0.0123 | 0 | 0 | 0 |
| 30.7667 | 0.0084 | 0.0118 | 0.0013 | 0.0131 |
| 30.8 | 0.007 | 0.025 | 0.0026 | 0.0276 |
| 30.8333 | 0.0074 | 0.0118 | 0 | 0.0118 |
| 30.8667 | 0.0084 | 0 | 0.0013 | 0.0013 |
| 30.9 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 30.9333 | 0.0103 | 0.0118 | 0.0013 | 0.0131 |
| 30.9667 | 0.011 | 0.0118 | 0.0013 | 0.0131 |
| 31 | 0.01 | 0 | 0.0026 | 0.0026 |
| 31.0333 | 0.01 | 0 | 0 | 0 |
| 31.0667 | 0.0074 | 0 | 0.0013 | 0.0013 |
| 31.1 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 31.1333 | 0.009 | 0 | 0.0013 | 0.0013 |
| 31.1667 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 31.2 | 0.008 | 0.0118 | 0.0026 | 0.0144 |
| 31.2333 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 31.2667 | 0.01 | 0 | 0.0013 | 0.0013 |
| 31.3 | 0.007 | 0 | 0.0013 | 0.0013 |
| 31.3333 | 0.011 | 0 | 0.0013 | 0.0013 |
| 31.3667 | 0.0103 | 0 | 0 | 0 |
| 31.4 | 0.012 | 0.0118 | 0 | 0.0118 |
| 31.4333 | 0.0067 | 0 | 0 | 0 |
| 31.4667 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 31.5 | 0.0093 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 31.5333 | 0.0051 | 0.0118 | 0.0013 | 0.0131 |
| 31.5667 | 0.009 | 0 | 0.0026 | 0.0026 |
| 31.6 | 0.007 | 0 | 0 | 0 |
| 31.6333 | 0.008 | 0 | 0.0013 | 0.0013 |
| 31.6667 | 0.0084 | 0.0118 | 0.0013 | 0.0131 |
| 31.7 | 0.0064 | 0.0118 | 0 | 0.0118 |
| 31.7333 | 0.0044 | 0 | 0.0026 | 0.0026 |
| 31.7667 | 0.008 | 0 | 0 | 0 |
| 31.8 | 0.0084 | 0 | 0 | 0 |
| 31.8333 | 0.0057 | 0 | 0.0013 | 0.0013 |
| 31.8667 | 0.01 | 0 | 0 | 0 |
| 31.9 | 0.0103 | 0.0118 | 0.0013 | 0.0131 |
| 31.9333 | 0.0103 | 0 | 0 | 0 |
| 31.9667 | 0.0087 | 0.0118 | 0.0013 | 0.0131 |
| 32 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 32.0333 | 0.0067 | 0 | 0.0026 | 0.0026 |
| 32.0667 | 0.007 | 0.025 | 0.0013 | 0.0262 |
| 32.1 | 0.008 | 0 | 0 | 0 |
| 32.1333 | 0.0093 | 0.0118 | 0.0013 | 0.0131 |
| 32.1667 | 0.0097 | 0 | 0 | 0 |
| 32.2 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 32.2333 | 0.008 | 0 | 0.0013 | 0.0013 |
| 32.2667 | 0.0074 | 0 | 0 | 0 |
| 32.3 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 32.3333 | 0.008 | 0.0118 | 0.0026 | 0.0144 |
| 32.3667 | 0.009 | 0.0118 | 0.0013 | 0.0131 |
| 32.4 | 0.0107 | 0.0118 | 0.0013 | 0.0131 |
| 32.4333 | 0.01 | 0 | 0.0013 | 0.0013 |
| 32.4667 | 0.0116 | 0.0118 | 0.0013 | 0.0131 |
| 32.5 | 0.011 | 0.0118 | 0.0013 | 0.0131 |
| 32.5333 | 0.0087 | 0 | 0 | 0 |
| 32.5667 | 0.0084 | 0.0118 | 0.0013 | 0.0131 |
| 32.6 | 0.0077 | 0.0118 | 0.0026 | 0.0144 |
| 32.6333 | 0.012 | 0 | 0.0013 | 0.0013 |
| 32.6667 | 0.0113 | 0.0118 | 0 | 0.0118 |
| 32.7 | 0.0097 | 0.0118 | 0 | 0.0118 |
| 32.7333 | 0.009 | 0.0118 | 0.0013 | 0.0131 |
| 32.7667 | 0.007 | 0.0118 | 0 | 0.0118 |
| 32.8 | 0.0077 | 0.0118 | 0 | 0.0118 |
| 32.8333 | 0.0064 | 0.0118 | 0 | 0.0118 |
| 32.8667 | 0.008 | 0 | 0.0013 | 0.0013 |
| 32.9 | 0.0064 | 0 | 0.0026 | 0.0026 |
| 32.9333 | 0.01 | 0.025 | 0 | 0.025 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 32.9667 | 0.0064 | 0.0118 | 0 | 0.0118 |
| 33 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 33.0333 | 0.0103 | 0.0118 | 0.0013 | 0.0131 |
| 33.0667 | 0.01 | 0.0118 | 0.0026 | 0.0144 |
| 33.1 | 0.0054 | 0 | 0 | 0 |
| 33.1333 | 0.0087 | 0.0118 | 0.0013 | 0.0131 |
| 33.1667 | 0.008 | 0 | 0.0013 | 0.0013 |
| 33.2 | 0.0097 | 0.025 | 0.0013 | 0.0262 |
| 33.2333 | 0.009 | 0 | 0.0013 | 0.0013 |
| 33.2667 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 33.3 | 0.0116 | 0.0118 | 0 | 0.0118 |
| 33.3333 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 33.3667 | 0.008 | 0 | 0.0013 | 0.0013 |
| 33.4 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 33.4333 | 0.01 | 0 | 0 | 0 |
| 33.4667 | 0.009 | 0 | 0.0013 | 0.0013 |
| 33.5 | 0.0093 | 0.0118 | 0.0013 | 0.0131 |
| 33.5333 | 0.0103 | 0.0118 | 0 | 0.0118 |
| 33.5667 | 0.0093 | 0.0118 | 0.0013 | 0.0131 |
| 33.6 | 0.0107 | 0.025 | 0.0013 | 0.0262 |
| 33.6333 | 0.0067 | 0 | 0.0013 | 0.0013 |
| 33.6667 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 33.7 | 0.011 | 0.0118 | 0.0013 | 0.0131 |
| 33.7333 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 33.7667 | 0.011 | 0 | 0 | 0 |
| 33.8 | 0.0116 | 0 | 0 | 0 |
| 33.8333 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 33.8667 | 0.0074 | 0 | 0.0013 | 0.0013 |
| 33.9 | 0.011 | 0.0118 | 0 | 0.0118 |
| 33.9333 | 0.013 | 0.0118 | 0 | 0.0118 |
| 33.9667 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 34 | 0.013 | 0 | 0.0026 | 0.0026 |
| 34.0333 | 0.0113 | 0 | 0.0026 | 0.0026 |
| 34.0667 | 0.01 | 0.0118 | 0 | 0.0118 |
| 34.1 | 0.0087 | 0 | 0 | 0 |
| 34.1333 | 0.006 | 0 | 0 | 0 |
| 34.1667 | 0.0097 | 0.0118 | 0 | 0.0118 |
| 34.2 | 0.009 | 0.0118 | 0 | 0.0118 |
| 34.2333 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 34.2667 | 0.01 | 0.0118 | 0.0026 | 0.0144 |
| 34.3 | 0.0087 | 0.0118 | 0.0013 | 0.0131 |
| 34.3333 | 0.01 | 0.0118 | 0 | 0.0118 |
| 34.3667 | 0.011 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 34.4 | 0.009 | 0 | 0.0013 | 0.0013 |
| 34.4333 | 0.008 | 0.025 | 0 | 0.025 |
| 34.4667 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 34.5 | 0.0113 | 0.0118 | 0.0013 | 0.0131 |
| 34.5333 | 0.0103 | 0 | 0 | 0 |
| 34.5667 | 0.0074 | 0 | 0.0013 | 0.0013 |
| 34.6 | 0.0077 | 0.0118 | 0 | 0.0118 |
| 34.6333 | 0.0123 | 0.0118 | 0 | 0.0118 |
| 34.6667 | 0.0126 | 0.0118 | 0 | 0.0118 |
| 34.7 | 0.008 | 0 | 0.0013 | 0.0013 |
| 34.7333 | 0.0103 | 0 | 0 | 0 |
| 34.7667 | 0.01 | 0.0118 | 0 | 0.0118 |
| 34.8 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 34.8333 | 0.0084 | 0 | 0 | 0 |
| 34.8667 | 0.0113 | 0.0118 | 0.0013 | 0.0131 |
| 34.9 | 0.0103 | 0.0118 | 0 | 0.0118 |
| 34.9333 | 0.0084 | 0 | 0 | 0 |
| 34.9667 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 35 | 0.0103 | 0 | 0 | 0 |
| 35.0333 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 35.0667 | 0.0103 | 0 | 0.0013 | 0.0013 |
| 35.1 | 0.0097 | 0 | 0.0013 | 0.0013 |
| 35.1333 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 35.1667 | 0.0074 | 0 | 0.0013 | 0.0013 |
| 35.2 | 0.01 | 0.0118 | 0 | 0.0118 |
| 35.2333 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 35.2667 | 0.0103 | 0 | 0 | 0 |
| 35.3 | 0.0087 | 0 | 0 | 0 |
| 35.3333 | 0.0067 | 0.0118 | 0.0013 | 0.0131 |
| 35.3667 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 35.4 | 0.011 | 0.0118 | 0.0026 | 0.0144 |
| 35.4333 | 0.0097 | 0 | 0 | 0 |
| 35.4667 | 0.011 | 0 | 0 | 0 |
| 35.5 | 0.01 | 0 | 0 | 0 |
| 35.5333 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 35.5667 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 35.6 | 0.011 | 0.025 | 0 | 0.025 |
| 35.6333 | 0.0093 | 0.0118 | 0.0013 | 0.0131 |
| 35.6667 | 0.0103 | 0.0118 | 0.0013 | 0.0131 |
| 35.7 | 0.0087 | 0.0118 | 0 | 0.0118 |
| 35.7333 | 0.0103 | 0.0118 | 0 | 0.0118 |
| 35.7667 | 0.008 | 0 | 0 | 0 |
| 35.8 | 0.0097 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 35.8333 | 0.013 | 0 | 0 | 0 |
| 35.8667 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 35.9 | 0.0113 | 0.0118 | 0.0013 | 0.0131 |
| 35.9333 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 35.9667 | 0.007 | 0 | 0 | 0 |
| 36 | 0.0097 | 0 | 0.0013 | 0.0013 |
| 36.0333 | 0.0113 | 0.025 | 0.0013 | 0.0262 |
| 36.0667 | 0.0077 | 0 | 0 | 0 |
| 36.1 | 0.012 | 0.0118 | 0 | 0.0118 |
| 36.1333 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 36.1667 | 0.0097 | 0.025 | 0 | 0.025 |
| 36.2 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 36.2333 | 0.0103 | 0.025 | 0 | 0.025 |
| 36.2667 | 0.013 | 0.025 | 0.0013 | 0.0262 |
| 36.3 | 0.011 | 0.0118 | 0.0013 | 0.0131 |
| 36.3333 | 0.0093 | 0 | 0.0026 | 0.0026 |
| 36.3667 | 0.0057 | 0 | 0.0013 | 0.0013 |
| 36.4 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 36.4333 | 0.0087 | 0.0118 | 0.0013 | 0.0131 |
| 36.4667 | 0.0103 | 0.025 | 0 | 0.025 |
| 36.5 | 0.0097 | 0.0118 | 0 | 0.0118 |
| 36.5333 | 0.008 | 0.0118 | 0 | 0.0118 |
| 36.5667 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 36.6 | 0.0087 | 0 | 0 | 0 |
| 36.6333 | 0.008 | 0.0118 | 0 | 0.0118 |
| 36.6667 | 0.009 | 0 | 0.0013 | 0.0013 |
| 36.7 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 36.7333 | 0.0116 | 0 | 0.0013 | 0.0013 |
| 36.7667 | 0.009 | 0 | 0.0026 | 0.0026 |
| 36.8 | 0.0123 | 0.025 | 0.0013 | 0.0262 |
| 36.8333 | 0.0097 | 0.0381 | 0.0013 | 0.0394 |
| 36.8667 | 0.0107 | 0.0118 | 0.0013 | 0.0131 |
| 36.9 | 0.0093 | 0 | 0 | 0 |
| 36.9333 | 0.012 | 0.0118 | 0 | 0.0118 |
| 36.9667 | 0.0107 | 0 | 0 | 0 |
| 37 | 0.011 | 0.0118 | 0 | 0.0118 |
| 37.0333 | 0.009 | 0.0118 | 0 | 0.0118 |
| 37.0667 | 0.009 | 0 | 0.0026 | 0.0026 |
| 37.1 | 0.009 | 0.0118 | 0 | 0.0118 |
| 37.1333 | 0.0087 | 0 | 0 | 0 |
| 37.1667 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 37.2 | 0.009 | 0.0118 | 0.0013 | 0.0131 |
| 37.2333 | 0.0074 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 37.2667 | 0.0067 | 0 | 0.0013 | 0.0013 |
| 37.3 | 0.007 | 0.0118 | 0.0013 | 0.0131 |
| 37.3333 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 37.3667 | 0.0103 | 0.0118 | 0 | 0.0118 |
| 37.4 | 0.0097 | 0 | 0.0026 | 0.0026 |
| 37.4333 | 0.0113 | 0 | 0.0013 | 0.0013 |
| 37.4667 | 0.0107 | 0.0118 | 0.0026 | 0.0144 |
| 37.5 | 0.012 | 0 | 0.0013 | 0.0013 |
| 37.5333 | 0.007 | 0 | 0 | 0 |
| 37.5667 | 0.009 | 0 | 0 | 0 |
| 37.6 | 0.0097 | 0.0118 | 0 | 0.0118 |
| 37.6333 | 0.0074 | 0 | 0.0039 | 0.0039 |
| 37.6667 | 0.0113 | 0 | 0 | 0 |
| 37.7 | 0.0077 | 0 | 0.0013 | 0.0013 |
| 37.7333 | 0.011 | 0 | 0.0013 | 0.0013 |
| 37.7667 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 37.8 | 0.009 | 0 | 0.0013 | 0.0013 |
| 37.8333 | 0.0084 | 0 | 0.0013 | 0.0013 |
| 37.8667 | 0.01 | 0 | 0 | 0 |
| 37.9 | 0.0067 | 0 | 0.0013 | 0.0013 |
| 37.9333 | 0.0107 | 0 | 0 | 0 |
| 37.9667 | 0.0074 | 0 | 0 | 0 |
| 38 | 0.0057 | 0 | 0.0013 | 0.0013 |
| 38.0333 | 0.0107 | 0 | 0.0013 | 0.0013 |
| 38.0667 | 0.009 | 0.0118 | 0.0026 | 0.0144 |
| 38.1 | 0.01 | 0 | 0.0013 | 0.0013 |
| 38.1333 | 0.0087 | 0 | 0.0026 | 0.0026 |
| 38.1667 | 0.01 | 0.025 | 0.0013 | 0.0262 |
| 38.2 | 0.007 | 0.0118 | 0.0026 | 0.0144 |
| 38.2333 | 0.0097 | 0.0118 | 0.0013 | 0.0131 |
| 38.2667 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 38.3 | 0.008 | 0.0118 | 0 | 0.0118 |
| 38.3333 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 38.3667 | 0.0123 | 0.025 | 0 | 0.025 |
| 38.4 | 0.008 | 0.0118 | 0.0013 | 0.0131 |
| 38.4333 | 0.0084 | 0.0118 | 0.0013 | 0.0131 |
| 38.4667 | 0.006 | 0 | 0 | 0 |
| 38.5 | 0.0097 | 0 | 0 | 0 |
| 38.5333 | 0.0087 | 0 | 0 | 0 |
| 38.5667 | 0.0077 | 0 | 0 | 0 |
| 38.6 | 0.0084 | 0 | 0.0013 | 0.0013 |
| 38.6333 | 0.0113 | 0.0118 | 0.0026 | 0.0144 |
| 38.6667 | 0.0097 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 38.7 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 38.7333 | 0.0093 | 0.0118 | 0.0013 | 0.0131 |
| 38.7667 | 0.0097 | 0.0118 | 0.0013 | 0.0131 |
| 38.8 | 0.0103 | 0.0118 | 0 | 0.0118 |
| 38.8333 | 0.0107 | 0.0118 | 0.0026 | 0.0144 |
| 38.8667 | 0.0074 | 0.0118 | 0.0013 | 0.0131 |
| 38.9 | 0.0097 | 0 | 0 | 0 |
| 38.9333 | 0.01 | 0.025 | 0.0013 | 0.0262 |
| 38.9667 | 0.0077 | 0.0118 | 0.0013 | 0.0131 |
| 39 | 0.0093 | 0 | 0.0026 | 0.0026 |
| 39.0333 | 0.0077 | 0 | 0 | 0 |
| 39.0667 | 0.0116 | 0.0118 | 0.0013 | 0.0131 |
| 39.1 | 0.0113 | 0.0118 | 0 | 0.0118 |
| 39.1333 | 0.011 | 0.0118 | 0 | 0.0118 |
| 39.1667 | 0.0084 | 0 | 0.0026 | 0.0026 |
| 39.2 | 0.0093 | 0 | 0 | 0 |
| 39.2333 | 0.0093 | 0.0118 | 0.0013 | 0.0131 |
| 39.2667 | 0.0087 | 0 | 0.0013 | 0.0013 |
| 39.3 | 0.0123 | 0 | 0.0013 | 0.0013 |
| 39.3333 | 0.01 | 0 | 0 | 0 |
| 39.3667 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 39.4 | 0.0116 | 0.0118 | 0.0013 | 0.0131 |
| 39.4333 | 0.0057 | 0.0118 | 0 | 0.0118 |
| 39.4667 | 0.0097 | 0.0118 | 0.0013 | 0.0131 |
| 39.5 | 0.0074 | 0.0118 | 0 | 0.0118 |
| 39.5333 | 0.009 | 0 | 0.0013 | 0.0013 |
| 39.5667 | 0.007 | 0.0118 | 0.0013 | 0.0131 |
| 39.6 | 0.0084 | 0.0118 | 0.0013 | 0.0131 |
| 39.6333 | 0.0077 | 0 | 0 | 0 |
| 39.6667 | 0.0113 | 0.0118 | 0.0013 | 0.0131 |
| 39.7 | 0.0097 | 0.025 | 0.0013 | 0.0262 |
| 39.7333 | 0.0084 | 0.0118 | 0 | 0.0118 |
| 39.7667 | 0.0113 | 0 | 0.0026 | 0.0026 |
| 39.8 | 0.01 | 0 | 0.0013 | 0.0013 |
| 39.8333 | 0.0074 | 0.0118 | 0.0013 | 0.0131 |
| 39.8667 | 0.0077 | 0.0118 | 0.0013 | 0.0131 |
| 39.9 | 0.0074 | 0.0118 | 0 | 0.0118 |
| 39.9333 | 0.0107 | 0.0118 | 0 | 0.0118 |
| 39.9667 | 0.0097 | 0 | 0 | 0 |
| 40 | 0.0093 | 0 | 0.0013 | 0.0013 |
| 40.0333 | 0.0097 | 0.025 | 0.0013 | 0.0262 |
| 40.0667 | 0.0087 | 0 | 0 | 0 |
| 40.1 | 0.0103 | 0.025 | 0 | 0.025 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 40.1333 | 0.0093 | 0.0118 | 0 | 0.0118 |
| 40.1667 | 0.0084 | 0 | 0.0026 | 0.0026 |
| 40.2 | 0.0087 | 0.0118 | 0.0013 | 0.0131 |
| 40.2333 | 0.0103 | 0 | 0 | 0 |
| 40.2667 | 0.0107 | 0.025 | 0 | 0.025 |
| 40.3 | 0.013 | 0.0118 | 0 | 0.0118 |
| 40.3333 | 0.0179 | 0.0118 | 0 | 0.0118 |
| 40.3667 | 0.0238 | 0.0118 | 0 | 0.0118 |
| 40.4 | 0.0317 | 0.0118 | 0.0013 | 0.0131 |
| 40.4333 | 0.038 | 0 | 0 | 0 |
| 40.4667 | 0.0482 | 0 | 0.0026 | 0.0026 |
| 40.5 | 0.06 | 0.0118 | 0 | 0.0118 |
| 40.5333 | 0.0715 | 0.0118 | 0.0013 | 0.0131 |
| 40.5667 | 0.0781 | 0.0118 | 0.0013 | 0.0131 |
| 40.6 | 0.087 | 0 | 0 | 0 |
| 40.6333 | 0.0949 | 0 | 0 | 0 |
| 40.6667 | 0.1038 | 0 | 0 | 0 |
| 40.7 | 0.112 | 0 | 0 | 0 |
| 40.7333 | 0.1212 | 0 | 0 | 0 |
| 40.7667 | 0.1291 | 0 | 0 | 0 |
| 40.8 | 0.1374 | 0.0118 | 0.0013 | 0.0131 |
| 40.8333 | 0.143 | 0.0118 | 0.0013 | 0.0131 |
| 40.8667 | 0.1489 | 0 | 0 | 0 |
| 40.9 | 0.1601 | 0 | 0 | 0 |
| 40.9333 | 0.168 | 0.0118 | 0 | 0.0118 |
| 40.9667 | 0.17 | 0.0118 | 0 | 0.0118 |
| 41 | 0.1762 | 0.0118 | 0 | 0.0118 |
| 41.0333 | 0.1808 | 0 | 0.0013 | 0.0013 |
| 41.0667 | 0.1838 | 0.0118 | 0.0013 | 0.0131 |
| 41.1 | 0.1851 | 0.0118 | 0 | 0.0118 |
| 41.1333 | 0.189 | 0.0118 | 0 | 0.0118 |
| 41.1667 | 0.1871 | 0 | 0 | 0 |
| 41.2 | 0.1904 | 0 | 0 | 0 |
| 41.2333 | 0.1917 | 0 | 0.0013 | 0.0013 |
| 41.2667 | 0.189 | 0 | 0 | 0 |
| 41.3 | 0.1887 | 0 | 0 | 0 |
| 41.3333 | 0.1864 | 0.0118 | 0 | 0.0118 |
| 41.3667 | 0.1828 | 0 | 0 | 0 |
| 41.4 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 41.4333 | 0.1851 | 0 | 0.0013 | 0.0013 |
| 41.4667 | 0.1848 | 0.0118 | 0.0013 | 0.0131 |
| 41.5 | 0.1838 | 0 | 0 | 0 |
| 41.5333 | 0.1805 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 41.5667 | 0.1825 | 0 | 0.0026 | 0.0026 |
| 41.6 | 0.1792 | 0.0118 | 0.0013 | 0.0131 |
| 41.6333 | 0.1802 | 0.0118 | 0 | 0.0118 |
| 41.6667 | 0.1792 | 0.0118 | 0 | 0.0118 |
| 41.7 | 0.1785 | 0 | 0 | 0 |
| 41.7333 | 0.1782 | 0 | 0.0013 | 0.0013 |
| 41.7667 | 0.1782 | 0 | 0 | 0 |
| 41.8 | 0.1772 | 0.0118 | 0.0013 | 0.0131 |
| 41.8333 | 0.1772 | 0.0118 | 0 | 0.0118 |
| 41.8667 | 0.1798 | 0 | 0 | 0 |
| 41.9 | 0.1765 | 0 | 0.0013 | 0.0013 |
| 41.9333 | 0.1762 | 0 | 0.0013 | 0.0013 |
| 41.9667 | 0.1742 | 0.0118 | 0 | 0.0118 |
| 42 | 0.1759 | 0 | 0.0026 | 0.0026 |
| 42.0333 | 0.1775 | 0 | 0.0026 | 0.0026 |
| 42.0667 | 0.1756 | 0 | 0.0026 | 0.0026 |
| 42.1 | 0.1742 | 0.025 | 0.0013 | 0.0262 |
| 42.1333 | 0.1736 | 0 | 0.0013 | 0.0013 |
| 42.1667 | 0.1739 | 0.0118 | 0 | 0.0118 |
| 42.2 | 0.1732 | 0.0118 | 0.0026 | 0.0144 |
| 42.2333 | 0.1759 | 0.0118 | 0.0013 | 0.0131 |
| 42.2667 | 0.1746 | 0 | 0 | 0 |
| 42.3 | 0.1759 | 0.0118 | 0 | 0.0118 |
| 42.3333 | 0.1739 | 0 | 0 | 0 |
| 42.3667 | 0.1732 | 0.0118 | 0 | 0.0118 |
| 42.4 | 0.1756 | 0 | 0 | 0 |
| 42.4333 | 0.1736 | 0.0118 | 0.0013 | 0.0131 |
| 42.4667 | 0.1769 | 0.0118 | 0 | 0.0118 |
| 42.5 | 0.1746 | 0 | 0 | 0 |
| 42.5333 | 0.1762 | 0.025 | 0.0013 | 0.0262 |
| 42.5667 | 0.1782 | 0.0118 | 0.0013 | 0.0131 |
| 42.6 | 0.1792 | 0.0118 | 0 | 0.0118 |
| 42.6333 | 0.1788 | 0.025 | 0.0013 | 0.0262 |
| 42.6667 | 0.1795 | 0 | 0 | 0 |
| 42.7 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 42.7333 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 42.7667 | 0.1858 | 0 | 0.0013 | 0.0013 |
| 42.8 | 0.1844 | 0.0118 | 0.0013 | 0.0131 |
| 42.8333 | 0.1854 | 0.0118 | 0 | 0.0118 |
| 42.8667 | 0.189 | 0 | 0.0013 | 0.0013 |
| 42.9 | 0.1877 | 0.025 | 0 | 0.025 |
| 42.9333 | 0.1877 | 0.0118 | 0.0013 | 0.0131 |
| 42.9667 | 0.1867 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 43 | 0.1914 | 0.0118 | 0 | 0.0118 |
| 43.0333 | 0.19 | 0 | 0 | 0 |
| 43.0667 | 0.1927 | 0 | 0.0013 | 0.0013 |
| 43.1 | 0.1927 | 0.025 | 0 | 0.025 |
| 43.1333 | 0.1917 | 0 | 0.0026 | 0.0026 |
| 43.1667 | 0.195 | 0 | 0 | 0 |
| 43.2 | 0.1897 | 0.0118 | 0.0013 | 0.0131 |
| 43.2333 | 0.1937 | 0.0118 | 0.0013 | 0.0131 |
| 43.2667 | 0.1943 | 0.0118 | 0.0013 | 0.0131 |
| 43.3 | 0.193 | 0.0118 | 0.0013 | 0.0131 |
| 43.3333 | 0.195 | 0.0118 | 0.0013 | 0.0131 |
| 43.3667 | 0.1973 | 0 | 0 | 0 |
| 43.4 | 0.1917 | 0.0118 | 0 | 0.0118 |
| 43.4333 | 0.192 | 0.025 | 0 | 0.025 |
| 43.4667 | 0.1966 | 0.0118 | 0 | 0.0118 |
| 43.5 | 0.1966 | 0.0118 | 0 | 0.0118 |
| 43.5333 | 0.1969 | 0.0118 | 0.0013 | 0.0131 |
| 43.5667 | 0.1979 | 0.025 | 0 | 0.025 |
| 43.6 | 0.1969 | 0.025 | 0 | 0.025 |
| 43.6333 | 0.1966 | 0.0118 | 0.0013 | 0.0131 |
| 43.6667 | 0.1983 | 0 | 0 | 0 |
| 43.7 | 0.1976 | 0.0118 | 0.0013 | 0.0131 |
| 43.7333 | 0.1956 | 0.0118 | 0.0013 | 0.0131 |
| 43.7667 | 0.1933 | 0.0118 | 0.0013 | 0.0131 |
| 43.8 | 0.1976 | 0.0118 | 0 | 0.0118 |
| 43.8333 | 0.1937 | 0 | 0 | 0 |
| 43.8667 | 0.1923 | 0.025 | 0.0013 | 0.0262 |
| 43.9 | 0.1946 | 0.0118 | 0 | 0.0118 |
| 43.9333 | 0.1946 | 0 | 0.0013 | 0.0013 |
| 43.9667 | 0.1943 | 0 | 0 | 0 |
| 44 | 0.1946 | 0.0118 | 0.0013 | 0.0131 |
| 44.0333 | 0.1973 | 0 | 0.0013 | 0.0013 |
| 44.0667 | 0.1933 | 0.0118 | 0.0026 | 0.0144 |
| 44.1 | 0.1943 | 0.0118 | 0 | 0.0118 |
| 44.1333 | 0.1933 | 0.0118 | 0 | 0.0118 |
| 44.1667 | 0.1907 | 0 | 0.0013 | 0.0013 |
| 44.2 | 0.1923 | 0.0118 | 0 | 0.0118 |
| 44.2333 | 0.1937 | 0.025 | 0 | 0.025 |
| 44.2667 | 0.191 | 0 | 0.0013 | 0.0013 |
| 44.3 | 0.192 | 0.0118 | 0 | 0.0118 |
| 44.3333 | 0.19 | 0 | 0 | 0 |
| 44.3667 | 0.1871 | 0.0118 | 0.0013 | 0.0131 |
| 44.4 | 0.191 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 44.4333 | 0.1904 | 0.0118 | 0.0013 | 0.0131 |
| 44.4667 | 0.191 | 0 | 0 | 0 |
| 44.5 | 0.1904 | 0.0118 | 0.0013 | 0.0131 |
| 44.5333 | 0.1874 | 0 | 0.0013 | 0.0013 |
| 44.5667 | 0.1871 | 0 | 0 | 0 |
| 44.6 | 0.1867 | 0 | 0.0013 | 0.0013 |
| 44.6333 | 0.1881 | 0.0118 | 0 | 0.0118 |
| 44.6667 | 0.1884 | 0.0118 | 0 | 0.0118 |
| 44.7 | 0.1871 | 0 | 0.0013 | 0.0013 |
| 44.7333 | 0.1874 | 0.0118 | 0.0026 | 0.0144 |
| 44.7667 | 0.1914 | 0 | 0.0013 | 0.0013 |
| 44.8 | 0.189 | 0.0118 | 0.0013 | 0.0131 |
| 44.8333 | 0.1881 | 0.025 | 0.0013 | 0.0262 |
| 44.8667 | 0.1867 | 0.0118 | 0.0013 | 0.0131 |
| 44.9 | 0.19 | 0 | 0.0013 | 0.0013 |
| 44.9333 | 0.1867 | 0 | 0 | 0 |
| 44.9667 | 0.1907 | 0.0118 | 0 | 0.0118 |
| 45 | 0.1884 | 0 | 0 | 0 |
| 45.0333 | 0.1884 | 0.0118 | 0 | 0.0118 |
| 45.0667 | 0.1844 | 0.025 | 0 | 0.025 |
| 45.1 | 0.1881 | 0 | 0 | 0 |
| 45.1333 | 0.1874 | 0.025 | 0.0026 | 0.0276 |
| 45.1667 | 0.1854 | 0 | 0 | 0 |
| 45.2 | 0.1867 | 0.025 | 0 | 0.025 |
| 45.2333 | 0.1854 | 0 | 0.0013 | 0.0013 |
| 45.2667 | 0.1858 | 0.0118 | 0.0013 | 0.0131 |
| 45.3 | 0.1858 | 0 | 0.0013 | 0.0013 |
| 45.3333 | 0.1871 | 0.0118 | 0.0013 | 0.0131 |
| 45.3667 | 0.1858 | 0.0118 | 0 | 0.0118 |
| 45.4 | 0.1828 | 0 | 0 | 0 |
| 45.4333 | 0.1841 | 0 | 0.0013 | 0.0013 |
| 45.4667 | 0.1848 | 0 | 0.0013 | 0.0013 |
| 45.5 | 0.1838 | 0 | 0 | 0 |
| 45.5333 | 0.1854 | 0 | 0.0013 | 0.0013 |
| 45.5667 | 0.1854 | 0 | 0.0013 | 0.0013 |
| 45.6 | 0.1858 | 0 | 0 | 0 |
| 45.6333 | 0.1851 | 0.025 | 0.0013 | 0.0262 |
| 45.6667 | 0.1825 | 0 | 0.0013 | 0.0013 |
| 45.7 | 0.1854 | 0.0118 | 0.0013 | 0.0131 |
| 45.7333 | 0.1844 | 0.0118 | 0 | 0.0118 |
| 45.7667 | 0.1838 | 0.025 | 0.0013 | 0.0262 |
| 45.8 | 0.1854 | 0 | 0.0013 | 0.0013 |
| 45.8333 | 0.1831 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 45.8667 | 0.1838 | 0.0118 | 0.0013 | 0.0131 |
| 45.9 | 0.1848 | 0 | 0.0013 | 0.0013 |
| 45.9333 | 0.1828 | 0 | 0 | 0 |
| 45.9667 | 0.1828 | 0.025 | 0 | 0.025 |
| 46 | 0.1841 | 0 | 0.0013 | 0.0013 |
| 46.0333 | 0.1848 | 0 | 0.0013 | 0.0013 |
| 46.0667 | 0.1871 | 0.0118 | 0 | 0.0118 |
| 46.1 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 46.1333 | 0.1818 | 0 | 0 | 0 |
| 46.1667 | 0.1848 | 0.0118 | 0 | 0.0118 |
| 46.2 | 0.1838 | 0 | 0.0013 | 0.0013 |
| 46.2333 | 0.1815 | 0.025 | 0.0013 | 0.0262 |
| 46.2667 | 0.1841 | 0.0118 | 0.0013 | 0.0131 |
| 46.3 | 0.1851 | 0.0118 | 0.0013 | 0.0131 |
| 46.3333 | 0.1802 | 0.025 | 0.0013 | 0.0262 |
| 46.3667 | 0.1848 | 0.0118 | 0.0013 | 0.0131 |
| 46.4 | 0.1815 | 0 | 0 | 0 |
| 46.4333 | 0.1835 | 0 | 0.0013 | 0.0013 |
| 46.4667 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 46.5 | 0.1841 | 0.0118 | 0.0013 | 0.0131 |
| 46.5333 | 0.1811 | 0.0118 | 0 | 0.0118 |
| 46.5667 | 0.1815 | 0 | 0 | 0 |
| 46.6 | 0.1805 | 0 | 0 | 0 |
| 46.6333 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 46.6667 | 0.1838 | 0.0118 | 0.0013 | 0.0131 |
| 46.7 | 0.1848 | 0 | 0 | 0 |
| 46.7333 | 0.1828 | 0 | 0 | 0 |
| 46.7667 | 0.1841 | 0.0118 | 0.0013 | 0.0131 |
| 46.8 | 0.1831 | 0 | 0 | 0 |
| 46.8333 | 0.1828 | 0.0118 | 0 | 0.0118 |
| 46.8667 | 0.1825 | 0 | 0.0013 | 0.0013 |
| 46.9 | 0.1831 | 0 | 0 | 0 |
| 46.9333 | 0.1854 | 0 | 0.0013 | 0.0013 |
| 46.9667 | 0.1818 | 0.0118 | 0.0013 | 0.0131 |
| 47 | 0.1802 | 0 | 0 | 0 |
| 47.0333 | 0.1828 | 0 | 0.0013 | 0.0013 |
| 47.0667 | 0.1795 | 0.0118 | 0 | 0.0118 |
| 47.1 | 0.1811 | 0 | 0 | 0 |
| 47.1333 | 0.1825 | 0.0118 | 0.0013 | 0.0131 |
| 47.1667 | 0.1815 | 0.0118 | 0 | 0.0118 |
| 47.2 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 47.2333 | 0.1802 | 0.025 | 0 | 0.025 |
| 47.2667 | 0.1821 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 47.3 | 0.1792 | 0 | 0.0013 | 0.0013 |
| 47.3333 | 0.1821 | 0.0118 | 0.0026 | 0.0144 |
| 47.3667 | 0.1818 | 0 | 0.0026 | 0.0026 |
| 47.4 | 0.1802 | 0.0118 | 0.0013 | 0.0131 |
| 47.4333 | 0.1835 | 0 | 0 | 0 |
| 47.4667 | 0.1844 | 0.025 | 0 | 0.025 |
| 47.5 | 0.1782 | 0.0118 | 0.0013 | 0.0131 |
| 47.5333 | 0.1818 | 0 | 0.0013 | 0.0013 |
| 47.5667 | 0.1818 | 0 | 0 | 0 |
| 47.6 | 0.1838 | 0 | 0 | 0 |
| 47.6333 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 47.6667 | 0.1792 | 0.025 | 0 | 0.025 |
| 47.7 | 0.1815 | 0 | 0 | 0 |
| 47.7333 | 0.1838 | 0 | 0.0013 | 0.0013 |
| 47.7667 | 0.1805 | 0.0118 | 0.0026 | 0.0144 |
| 47.8 | 0.1802 | 0.0118 | 0.0026 | 0.0144 |
| 47.8333 | 0.1808 | 0 | 0.0013 | 0.0013 |
| 47.8667 | 0.1808 | 0.0118 | 0 | 0.0118 |
| 47.9 | 0.1769 | 0.0118 | 0.0013 | 0.0131 |
| 47.9333 | 0.1818 | 0 | 0 | 0 |
| 47.9667 | 0.1818 | 0.025 | 0 | 0.025 |
| 48 | 0.1798 | 0.0118 | 0 | 0.0118 |
| 48.0333 | 0.1772 | 0.025 | 0.0013 | 0.0262 |
| 48.0667 | 0.1818 | 0.0118 | 0.0013 | 0.0131 |
| 48.1 | 0.1828 | 0 | 0 | 0 |
| 48.1333 | 0.1782 | 0.0118 | 0 | 0.0118 |
| 48.1667 | 0.1772 | 0.0118 | 0 | 0.0118 |
| 48.2 | 0.1818 | 0.0118 | 0.0013 | 0.0131 |
| 48.2333 | 0.1788 | 0 | 0.0026 | 0.0026 |
| 48.2667 | 0.1828 | 0.025 | 0.0013 | 0.0262 |
| 48.3 | 0.1798 | 0 | 0.0026 | 0.0026 |
| 48.3333 | 0.1769 | 0.0118 | 0 | 0.0118 |
| 48.3667 | 0.1762 | 0.0118 | 0.0013 | 0.0131 |
| 48.4 | 0.1811 | 0.0118 | 0.0013 | 0.0131 |
| 48.4333 | 0.1811 | 0 | 0 | 0 |
| 48.4667 | 0.1805 | 0 | 0.0013 | 0.0013 |
| 48.5 | 0.1802 | 0.0118 | 0 | 0.0118 |
| 48.5333 | 0.1811 | 0.0118 | 0.0013 | 0.0131 |
| 48.5667 | 0.1769 | 0.025 | 0 | 0.025 |
| 48.6 | 0.1805 | 0 | 0.0013 | 0.0013 |
| 48.6333 | 0.1805 | 0 | 0 | 0 |
| 48.6667 | 0.1792 | 0.0118 | 0.0013 | 0.0131 |
| 48.7 | 0.1775 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 48.7333 | 0.1802 | 0.0118 | 0.0026 | 0.0144 |
| 48.7667 | 0.1805 | 0 | 0 | 0 |
| 48.8 | 0.1785 | 0 | 0.0013 | 0.0013 |
| 48.8333 | 0.1818 | 0 | 0 | 0 |
| 48.8667 | 0.1821 | 0.0118 | 0 | 0.0118 |
| 48.9 | 0.1805 | 0.0118 | 0.0013 | 0.0131 |
| 48.9333 | 0.1825 | 0 | 0.0013 | 0.0013 |
| 48.9667 | 0.1805 | 0.0118 | 0 | 0.0118 |
| 49 | 0.1779 | 0 | 0 | 0 |
| 49.0333 | 0.1815 | 0 | 0 | 0 |
| 49.0667 | 0.1798 | 0.0118 | 0 | 0.0118 |
| 49.1 | 0.1821 | 0.0118 | 0 | 0.0118 |
| 49.1333 | 0.1808 | 0 | 0.0013 | 0.0013 |
| 49.1667 | 0.1818 | 0.025 | 0.0013 | 0.0262 |
| 49.2 | 0.1795 | 0 | 0.0013 | 0.0013 |
| 49.2333 | 0.1785 | 0.025 | 0.0013 | 0.0262 |
| 49.2667 | 0.1798 | 0.0118 | 0.0013 | 0.0131 |
| 49.3 | 0.1802 | 0 | 0.0026 | 0.0026 |
| 49.3333 | 0.1821 | 0.0118 | 0 | 0.0118 |
| 49.3667 | 0.1802 | 0 | 0.0013 | 0.0013 |
| 49.4 | 0.1805 | 0.0118 | 0 | 0.0118 |
| 49.4333 | 0.1811 | 0 | 0 | 0 |
| 49.4667 | 0.1785 | 0.0118 | 0 | 0.0118 |
| 49.5 | 0.1811 | 0.0118 | 0.0013 | 0.0131 |
| 49.5333 | 0.1775 | 0 | 0 | 0 |
| 49.5667 | 0.1782 | 0 | 0 | 0 |
| 49.6 | 0.1805 | 0.0118 | 0 | 0.0118 |
| 49.6333 | 0.1769 | 0 | 0.0013 | 0.0013 |
| 49.6667 | 0.1792 | 0 | 0 | 0 |
| 49.7 | 0.1795 | 0.0118 | 0 | 0.0118 |
| 49.7333 | 0.1802 | 0.0118 | 0 | 0.0118 |
| 49.7667 | 0.1798 | 0.0118 | 0 | 0.0118 |
| 49.8 | 0.1802 | 0.025 | 0 | 0.025 |
| 49.8333 | 0.1798 | 0.0118 | 0 | 0.0118 |
| 49.8667 | 0.1779 | 0 | 0.0013 | 0.0013 |
| 49.9 | 0.1779 | 0.025 | 0 | 0.025 |
| 49.9333 | 0.1798 | 0 | 0.0013 | 0.0013 |
| 49.9667 | 0.1782 | 0 | 0 | 0 |
| 50 | 0.1762 | 0.025 | 0 | 0.025 |
| 50.0333 | 0.1795 | 0 | 0.0013 | 0.0013 |
| 50.0667 | 0.1769 | 0 | 0.0013 | 0.0013 |
| 50.1 | 0.1792 | 0.0118 | 0 | 0.0118 |
| 50.1333 | 0.1785 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 50.1667 | 0.1805 | 0.0118 | 0 | 0.0118 |
| 50.2 | 0.1795 | 0 | 0 | 0 |
| 50.2333 | 0.1769 | 0.0118 | 0.0013 | 0.0131 |
| 50.2667 | 0.1779 | 0 | 0 | 0 |
| 50.3 | 0.1802 | 0 | 0 | 0 |
| 50.3333 | 0.1782 | 0.0118 | 0 | 0.0118 |
| 50.3667 | 0.1795 | 0 | 0.0013 | 0.0013 |
| 50.4 | 0.1785 | 0 | 0.0013 | 0.0013 |
| 50.4333 | 0.1782 | 0 | 0.0013 | 0.0013 |
| 50.4667 | 0.1805 | 0 | 0.0026 | 0.0026 |
| 50.5 | 0.1802 | 0 | 0 | 0 |
| 50.5333 | 0.1795 | 0 | 0 | 0 |
| 50.5667 | 0.1769 | 0 | 0 | 0 |
| 50.6 | 0.1775 | 0 | 0 | 0 |
| 50.6333 | 0.1769 | 0.025 | 0 | 0.025 |
| 50.6667 | 0.1775 | 0.0118 | 0.0013 | 0.0131 |
| 50.7 | 0.1779 | 0 | 0.0013 | 0.0013 |
| 50.7333 | 0.1749 | 0 | 0 | 0 |
| 50.7667 | 0.1765 | 0 | 0 | 0 |
| 50.8 | 0.1765 | 0 | 0.0013 | 0.0013 |
| 50.8333 | 0.1795 | 0 | 0 | 0 |
| 50.8667 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 50.9 | 0.1792 | 0 | 0.0013 | 0.0013 |
| 50.9333 | 0.1782 | 0 | 0.0013 | 0.0013 |
| 50.9667 | 0.1795 | 0.0118 | 0.0013 | 0.0131 |
| 51 | 0.1795 | 0.0118 | 0.0013 | 0.0131 |
| 51.0333 | 0.1759 | 0.0118 | 0 | 0.0118 |
| 51.0667 | 0.1779 | 0 | 0 | 0 |
| 51.1 | 0.1788 | 0.025 | 0.0013 | 0.0262 |
| 51.1333 | 0.1762 | 0.0118 | 0.0013 | 0.0131 |
| 51.1667 | 0.1765 | 0.0118 | 0.0013 | 0.0131 |
| 51.2 | 0.1798 | 0.0118 | 0.0013 | 0.0131 |
| 51.2333 | 0.1769 | 0.025 | 0 | 0.025 |
| 51.2667 | 0.1798 | 0.025 | 0 | 0.025 |
| 51.3 | 0.1769 | 0.025 | 0 | 0.025 |
| 51.3333 | 0.1779 | 0.0118 | 0.0013 | 0.0131 |
| 51.3667 | 0.1775 | 0.0118 | 0.0013 | 0.0131 |
| 51.4 | 0.1795 | 0 | 0 | 0 |
| 51.4333 | 0.1805 | 0 | 0.0026 | 0.0026 |
| 51.4667 | 0.1775 | 0 | 0.0026 | 0.0026 |
| 51.5 | 0.1765 | 0 | 0.0013 | 0.0013 |
| 51.5333 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 51.5667 | 0.1788 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 51.6 | 0.1792 | 0 | 0 | 0 |
| 51.6333 | 0.1772 | 0.0118 | 0.0013 | 0.0131 |
| 51.6667 | 0.1752 | 0 | 0.0013 | 0.0013 |
| 51.7 | 0.1779 | 0 | 0 | 0 |
| 51.7333 | 0.1775 | 0 | 0 | 0 |
| 51.7667 | 0.1785 | 0.0118 | 0.0013 | 0.0131 |
| 51.8 | 0.1788 | 0.0118 | 0.0026 | 0.0144 |
| 51.8333 | 0.1769 | 0.025 | 0 | 0.025 |
| 51.8667 | 0.1752 | 0 | 0.0013 | 0.0013 |
| 51.9 | 0.1765 | 0 | 0.0013 | 0.0013 |
| 51.9333 | 0.1769 | 0.0118 | 0 | 0.0118 |
| 51.9667 | 0.1788 | 0 | 0.0013 | 0.0013 |
| 52 | 0.1769 | 0.0118 | 0.0013 | 0.0131 |
| 52.0333 | 0.1775 | 0.0118 | 0 | 0.0118 |
| 52.0667 | 0.1802 | 0.0118 | 0 | 0.0118 |
| 52.1 | 0.1742 | 0 | 0 | 0 |
| 52.1333 | 0.1759 | 0 | 0 | 0 |
| 52.1667 | 0.1795 | 0.0118 | 0.0013 | 0.0131 |
| 52.2 | 0.1779 | 0 | 0.0013 | 0.0013 |
| 52.2333 | 0.1792 | 0.0118 | 0.0013 | 0.0131 |
| 52.2667 | 0.1785 | 0.0118 | 0.0026 | 0.0144 |
| 52.3 | 0.1723 | 0.025 | 0 | 0.025 |
| 52.3333 | 0.1792 | 0.0118 | 0.0013 | 0.0131 |
| 52.3667 | 0.1752 | 0 | 0 | 0 |
| 52.4 | 0.1769 | 0.025 | 0 | 0.025 |
| 52.4333 | 0.1752 | 0.0118 | 0.0013 | 0.0131 |
| 52.4667 | 0.1785 | 0.0118 | 0.0013 | 0.0131 |
| 52.5 | 0.1762 | 0.0118 | 0 | 0.0118 |
| 52.5333 | 0.1785 | 0 | 0.0013 | 0.0013 |
| 52.5667 | 0.1749 | 0.0118 | 0.0013 | 0.0131 |
| 52.6 | 0.1746 | 0 | 0 | 0 |
| 52.6333 | 0.1762 | 0.025 | 0.0013 | 0.0262 |
| 52.6667 | 0.1742 | 0.0118 | 0.0013 | 0.0131 |
| 52.7 | 0.1756 | 0 | 0.0026 | 0.0026 |
| 52.7333 | 0.1769 | 0 | 0.0013 | 0.0013 |
| 52.7667 | 0.1769 | 0 | 0.0026 | 0.0026 |
| 52.8 | 0.1779 | 0.0118 | 0.0013 | 0.0131 |
| 52.8333 | 0.1746 | 0.0118 | 0 | 0.0118 |
| 52.8667 | 0.1752 | 0 | 0.0013 | 0.0013 |
| 52.9 | 0.1752 | 0.025 | 0.0013 | 0.0262 |
| 52.9333 | 0.1779 | 0.0118 | 0 | 0.0118 |
| 52.9667 | 0.1746 | 0.025 | 0 | 0.025 |
| 53 | 0.1775 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 53.0333 | 0.1775 | 0.0118 | 0 | 0.0118 |
| 53.0667 | 0.1765 | 0 | 0.0013 | 0.0013 |
| 53.1 | 0.1792 | 0.0118 | 0 | 0.0118 |
| 53.1333 | 0.1756 | 0.0118 | 0.0026 | 0.0144 |
| 53.1667 | 0.1742 | 0.0118 | 0.0026 | 0.0144 |
| 53.2 | 0.1769 | 0 | 0.0026 | 0.0026 |
| 53.2333 | 0.1752 | 0.0118 | 0.0013 | 0.0131 |
| 53.2667 | 0.1769 | 0.0118 | 0.0013 | 0.0131 |
| 53.3 | 0.1749 | 0.0118 | 0.0013 | 0.0131 |
| 53.3333 | 0.1769 | 0.0118 | 0.0013 | 0.0131 |
| 53.3667 | 0.1769 | 0.0118 | 0 | 0.0118 |
| 53.4 | 0.1772 | 0 | 0 | 0 |
| 53.4333 | 0.1775 | 0.0118 | 0.0013 | 0.0131 |
| 53.4667 | 0.1785 | 0.0118 | 0.0013 | 0.0131 |
| 53.5 | 0.1769 | 0.0118 | 0.0013 | 0.0131 |
| 53.5333 | 0.1775 | 0 | 0.0013 | 0.0013 |
| 53.5667 | 0.1782 | 0.0118 | 0 | 0.0118 |
| 53.6 | 0.1788 | 0 | 0.0013 | 0.0013 |
| 53.6333 | 0.1769 | 0.025 | 0.0026 | 0.0276 |
| 53.6667 | 0.1772 | 0.0118 | 0 | 0.0118 |
| 53.7 | 0.1779 | 0 | 0.0013 | 0.0013 |
| 53.7333 | 0.1792 | 0 | 0.0013 | 0.0013 |
| 53.7667 | 0.1769 | 0.0118 | 0.0013 | 0.0131 |
| 53.8 | 0.1779 | 0 | 0 | 0 |
| 53.8333 | 0.1782 | 0.0118 | 0.0013 | 0.0131 |
| 53.8667 | 0.1779 | 0 | 0 | 0 |
| 53.9 | 0.1795 | 0.0118 | 0 | 0.0118 |
| 53.9333 | 0.1782 | 0 | 0.0013 | 0.0013 |
| 53.9667 | 0.1742 | 0 | 0 | 0 |
| 54 | 0.1775 | 0.0118 | 0.0013 | 0.0131 |
| 54.0333 | 0.1746 | 0 | 0.0026 | 0.0026 |
| 54.0667 | 0.1765 | 0.0118 | 0.0013 | 0.0131 |
| 54.1 | 0.1749 | 0 | 0.0013 | 0.0013 |
| 54.1333 | 0.1742 | 0.0118 | 0.0013 | 0.0131 |
| 54.1667 | 0.1785 | 0.025 | 0.0013 | 0.0262 |
| 54.2 | 0.1782 | 0 | 0.0013 | 0.0013 |
| 54.2333 | 0.1798 | 0 | 0.0013 | 0.0013 |
| 54.2667 | 0.1795 | 0.0118 | 0.0026 | 0.0144 |
| 54.3 | 0.1779 | 0 | 0.0013 | 0.0013 |
| 54.3333 | 0.1779 | 0.0118 | 0 | 0.0118 |
| 54.3667 | 0.1746 | 0.0118 | 0 | 0.0118 |
| 54.4 | 0.1779 | 0.0118 | 0 | 0.0118 |
| 54.4333 | 0.1798 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 54.4667 | 0.1792 | 0 | 0.0013 | 0.0013 |
| 54.5 | 0.1785 | 0.0118 | 0.0013 | 0.0131 |
| 54.5333 | 0.1775 | 0.0118 | 0.0026 | 0.0144 |
| 54.5667 | 0.1752 | 0 | 0 | 0 |
| 54.6 | 0.1765 | 0 | 0.0026 | 0.0026 |
| 54.6333 | 0.1782 | 0.0118 | 0 | 0.0118 |
| 54.6667 | 0.1772 | 0.0118 | 0.0013 | 0.0131 |
| 54.7 | 0.1772 | 0.0118 | 0 | 0.0118 |
| 54.7333 | 0.1765 | 0.0118 | 0 | 0.0118 |
| 54.7667 | 0.1765 | 0 | 0 | 0 |
| 54.8 | 0.1772 | 0 | 0 | 0 |
| 54.8333 | 0.1779 | 0 | 0.0013 | 0.0013 |
| 54.8667 | 0.1782 | 0.0118 | 0.0013 | 0.0131 |
| 54.9 | 0.1792 | 0 | 0.0013 | 0.0013 |
| 54.9333 | 0.1788 | 0 | 0 | 0 |
| 54.9667 | 0.1779 | 0.0118 | 0.0013 | 0.0131 |
| 55 | 0.1785 | 0.0118 | 0 | 0.0118 |
| 55.0333 | 0.1795 | 0.0118 | 0.0013 | 0.0131 |
| 55.0667 | 0.1802 | 0.0118 | 0.0013 | 0.0131 |
| 55.1 | 0.1762 | 0.0118 | 0.0013 | 0.0131 |
| 55.1333 | 0.1785 | 0 | 0 | 0 |
| 55.1667 | 0.1775 | 0.0118 | 0.0026 | 0.0144 |
| 55.2 | 0.1772 | 0 | 0.0013 | 0.0013 |
| 55.2333 | 0.1762 | 0 | 0.0013 | 0.0013 |
| 55.2667 | 0.1785 | 0.0118 | 0 | 0.0118 |
| 55.3 | 0.1772 | 0.0118 | 0.0013 | 0.0131 |
| 55.3333 | 0.1785 | 0.0118 | 0.0026 | 0.0144 |
| 55.3667 | 0.1795 | 0.0118 | 0.0013 | 0.0131 |
| 55.4 | 0.1798 | 0.0118 | 0 | 0.0118 |
| 55.4333 | 0.1779 | 0.0118 | 0.0013 | 0.0131 |
| 55.4667 | 0.1795 | 0 | 0.0013 | 0.0013 |
| 55.5 | 0.1792 | 0 | 0.0039 | 0.0039 |
| 55.5333 | 0.1798 | 0.0118 | 0.0026 | 0.0144 |
| 55.5667 | 0.1811 | 0.0118 | 0.0013 | 0.0131 |
| 55.6 | 0.1818 | 0 | 0.0013 | 0.0013 |
| 55.6333 | 0.1795 | 0 | 0 | 0 |
| 55.6667 | 0.1811 | 0 | 0 | 0 |
| 55.7 | 0.1821 | 0 | 0.0026 | 0.0026 |
| 55.7333 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 55.7667 | 0.1798 | 0.0118 | 0.0026 | 0.0144 |
| 55.8 | 0.1792 | 0 | 0.0013 | 0.0013 |
| 55.8333 | 0.1792 | 0.0118 | 0.0013 | 0.0131 |
| 55.8667 | 0.1802 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 55.9 | 0.1798 | 0.0118 | 0 | 0.0118 |
| 55.9333 | 0.1825 | 0.0118 | 0.0013 | 0.0131 |
| 55.9667 | 0.1798 | 0.0118 | 0 | 0.0118 |
| 56 | 0.1795 | 0.0118 | 0 | 0.0118 |
| 56.0333 | 0.1785 | 0.025 | 0 | 0.025 |
| 56.0667 | 0.1802 | 0.0118 | 0.0013 | 0.0131 |
| 56.1 | 0.1825 | 0.025 | 0.0026 | 0.0276 |
| 56.1333 | 0.1805 | 0.0118 | 0.0013 | 0.0131 |
| 56.1667 | 0.1805 | 0.025 | 0 | 0.025 |
| 56.2 | 0.1815 | 0.0118 | 0 | 0.0118 |
| 56.2333 | 0.1798 | 0 | 0 | 0 |
| 56.2667 | 0.1811 | 0 | 0 | 0 |
| 56.3 | 0.1811 | 0 | 0 | 0 |
| 56.3333 | 0.1805 | 0.025 | 0 | 0.025 |
| 56.3667 | 0.1835 | 0.0118 | 0.0026 | 0.0144 |
| 56.4 | 0.1805 | 0.0118 | 0.0013 | 0.0131 |
| 56.4333 | 0.1798 | 0 | 0.0013 | 0.0013 |
| 56.4667 | 0.1815 | 0 | 0.0013 | 0.0013 |
| 56.5 | 0.1811 | 0.025 | 0.0013 | 0.0262 |
| 56.5333 | 0.1779 | 0 | 0.0013 | 0.0013 |
| 56.5667 | 0.1775 | 0.0118 | 0 | 0.0118 |
| 56.6 | 0.1831 | 0.0118 | 0.0013 | 0.0131 |
| 56.6333 | 0.1802 | 0 | 0 | 0 |
| 56.6667 | 0.1788 | 0 | 0.0013 | 0.0013 |
| 56.7 | 0.1805 | 0.025 | 0.0013 | 0.0262 |
| 56.7333 | 0.1795 | 0.0118 | 0 | 0.0118 |
| 56.7667 | 0.1788 | 0.025 | 0 | 0.025 |
| 56.8 | 0.1798 | 0 | 0 | 0 |
| 56.8333 | 0.1828 | 0 | 0.0013 | 0.0013 |
| 56.8667 | 0.1825 | 0 | 0 | 0 |
| 56.9 | 0.1818 | 0.0118 | 0.0013 | 0.0131 |
| 56.9333 | 0.1798 | 0.025 | 0.0013 | 0.0262 |
| 56.9667 | 0.1818 | 0.0118 | 0.0013 | 0.0131 |
| 57 | 0.1792 | 0.0118 | 0 | 0.0118 |
| 57.0333 | 0.1798 | 0.0118 | 0 | 0.0118 |
| 57.0667 | 0.1818 | 0 | 0 | 0 |
| 57.1 | 0.1811 | 0.0118 | 0 | 0.0118 |
| 57.1333 | 0.1802 | 0.0118 | 0 | 0.0118 |
| 57.1667 | 0.1805 | 0 | 0 | 0 |
| 57.2 | 0.1828 | 0 | 0 | 0 |
| 57.2333 | 0.1818 | 0 | 0 | 0 |
| 57.2667 | 0.1798 | 0.0118 | 0 | 0.0118 |
| 57.3 | 0.1838 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 57.3333 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 57.3667 | 0.1792 | 0.0118 | 0.0013 | 0.0131 |
| 57.4 | 0.1785 | 0 | 0.0013 | 0.0013 |
| 57.4333 | 0.1825 | 0 | 0 | 0 |
| 57.4667 | 0.1815 | 0 | 0.0026 | 0.0026 |
| 57.5 | 0.1798 | 0.0118 | 0.0013 | 0.0131 |
| 57.5333 | 0.1815 | 0 | 0 | 0 |
| 57.5667 | 0.1831 | 0.0118 | 0.0013 | 0.0131 |
| 57.6 | 0.1818 | 0.0118 | 0 | 0.0118 |
| 57.6333 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 57.6667 | 0.1798 | 0 | 0 | 0 |
| 57.7 | 0.1831 | 0 | 0 | 0 |
| 57.7333 | 0.1802 | 0.0118 | 0 | 0.0118 |
| 57.7667 | 0.1835 | 0.0118 | 0.0013 | 0.0131 |
| 57.8 | 0.1818 | 0 | 0 | 0 |
| 57.8333 | 0.1815 | 0 | 0.0013 | 0.0013 |
| 57.8667 | 0.1818 | 0.0118 | 0 | 0.0118 |
| 57.9 | 0.1811 | 0.0118 | 0 | 0.0118 |
| 57.9333 | 0.1805 | 0.025 | 0.0026 | 0.0276 |
| 57.9667 | 0.1828 | 0.0118 | 0.0013 | 0.0131 |
| 58 | 0.1841 | 0.025 | 0 | 0.025 |
| 58.0333 | 0.1841 | 0 | 0.0013 | 0.0013 |
| 58.0667 | 0.1825 | 0.0118 | 0 | 0.0118 |
| 58.1 | 0.1831 | 0.0118 | 0 | 0.0118 |
| 58.1333 | 0.1808 | 0.0118 | 0 | 0.0118 |
| 58.1667 | 0.1835 | 0 | 0.0026 | 0.0026 |
| 58.2 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 58.2333 | 0.1854 | 0 | 0.0013 | 0.0013 |
| 58.2667 | 0.1825 | 0.0118 | 0 | 0.0118 |
| 58.3 | 0.1815 | 0 | 0.0013 | 0.0013 |
| 58.3333 | 0.1831 | 0.0118 | 0 | 0.0118 |
| 58.3667 | 0.1828 | 0.0118 | 0 | 0.0118 |
| 58.4 | 0.1835 | 0 | 0 | 0 |
| 58.4333 | 0.1838 | 0 | 0.0013 | 0.0013 |
| 58.4667 | 0.1779 | 0.0118 | 0 | 0.0118 |
| 58.5 | 0.1811 | 0 | 0 | 0 |
| 58.5333 | 0.1802 | 0 | 0.0013 | 0.0013 |
| 58.5667 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 58.6 | 0.1815 | 0.0118 | 0 | 0.0118 |
| 58.6333 | 0.1828 | 0 | 0 | 0 |
| 58.6667 | 0.1838 | 0 | 0.0013 | 0.0013 |
| 58.7 | 0.1841 | 0 | 0.0013 | 0.0013 |
| 58.7333 | 0.1808 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 58.7667 | 0.1851 | 0.0118 | 0.0013 | 0.0131 |
| 58.8 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 58.8333 | 0.1815 | 0 | 0.0013 | 0.0013 |
| 58.8667 | 0.1808 | 0 | 0 | 0 |
| 58.9 | 0.1831 | 0.0118 | 0 | 0.0118 |
| 58.9333 | 0.1828 | 0.0118 | 0 | 0.0118 |
| 58.9667 | 0.1825 | 0 | 0.0013 | 0.0013 |
| 59 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 59.0333 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 59.0667 | 0.1838 | 0 | 0 | 0 |
| 59.1 | 0.1841 | 0 | 0.0013 | 0.0013 |
| 59.1333 | 0.1831 | 0 | 0 | 0 |
| 59.1667 | 0.1825 | 0 | 0.0013 | 0.0013 |
| 59.2 | 0.1848 | 0 | 0 | 0 |
| 59.2333 | 0.1808 | 0.0118 | 0 | 0.0118 |
| 59.2667 | 0.1811 | 0.0118 | 0.0013 | 0.0131 |
| 59.3 | 0.1831 | 0.0118 | 0.0026 | 0.0144 |
| 59.3333 | 0.1821 | 0.0118 | 0 | 0.0118 |
| 59.3667 | 0.1838 | 0 | 0 | 0 |
| 59.4 | 0.1864 | 0.025 | 0.0013 | 0.0262 |
| 59.4333 | 0.1838 | 0 | 0.0013 | 0.0013 |
| 59.4667 | 0.1838 | 0 | 0.0026 | 0.0026 |
| 59.5 | 0.1844 | 0 | 0 | 0 |
| 59.5333 | 0.1844 | 0 | 0 | 0 |
| 59.5667 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 59.6 | 0.1838 | 0 | 0 | 0 |
| 59.6333 | 0.1841 | 0.0118 | 0 | 0.0118 |
| 59.6667 | 0.1805 | 0.0118 | 0 | 0.0118 |
| 59.7 | 0.1841 | 0 | 0 | 0 |
| 59.7333 | 0.1825 | 0.0118 | 0.0013 | 0.0131 |
| 59.7667 | 0.1848 | 0.025 | 0 | 0.025 |
| 59.8 | 0.1818 | 0 | 0.0013 | 0.0013 |
| 59.8333 | 0.1858 | 0 | 0 | 0 |
| 59.8667 | 0.1825 | 0 | 0.0013 | 0.0013 |
| 59.9 | 0.1858 | 0.0118 | 0 | 0.0118 |
| 59.9333 | 0.1828 | 0 | 0.0026 | 0.0026 |
| 59.9667 | 0.1835 | 0.0118 | 0.0026 | 0.0144 |
| 60 | 0.1841 | 0 | 0 | 0 |
| 60.0333 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 60.0667 | 0.1808 | 0 | 0.0013 | 0.0013 |
| 60.1 | 0.1844 | 0 | 0.0013 | 0.0013 |
| 60.1333 | 0.1861 | 0 | 0 | 0 |
| 60.1667 | 0.1851 | 0.025 | 0.0013 | 0.0262 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 60.2 | 0.1844 | 0 | 0.0013 | 0.0013 |
| 60.2333 | 0.1825 | 0 | 0 | 0 |
| 60.2667 | 0.1841 | 0.0118 | 0.0013 | 0.0131 |
| 60.3 | 0.1828 | 0.0118 | 0.0013 | 0.0131 |
| 60.3333 | 0.1854 | 0.0118 | 0.0013 | 0.0131 |
| 60.3667 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 60.4 | 0.1844 | 0.0118 | 0 | 0.0118 |
| 60.4333 | 0.1841 | 0.0118 | 0.0013 | 0.0131 |
| 60.4667 | 0.1841 | 0.0118 | 0.0026 | 0.0144 |
| 60.5 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 60.5333 | 0.1821 | 0 | 0.0013 | 0.0013 |
| 60.5667 | 0.1805 | 0.0118 | 0.0013 | 0.0131 |
| 60.6 | 0.1828 | 0.0118 | 0.0013 | 0.0131 |
| 60.6333 | 0.1848 | 0 | 0 | 0 |
| 60.6667 | 0.1828 | 0 | 0.0013 | 0.0013 |
| 60.7 | 0.1808 | 0.0118 | 0 | 0.0118 |
| 60.7333 | 0.1851 | 0.0118 | 0.0013 | 0.0131 |
| 60.7667 | 0.1841 | 0 | 0.0026 | 0.0026 |
| 60.8 | 0.1838 | 0.0118 | 0 | 0.0118 |
| 60.8333 | 0.1828 | 0.0118 | 0.0013 | 0.0131 |
| 60.8667 | 0.1828 | 0 | 0 | 0 |
| 60.9 | 0.1844 | 0.025 | 0.0013 | 0.0262 |
| 60.9333 | 0.1835 | 0 | 0 | 0 |
| 60.9667 | 0.1841 | 0 | 0.0013 | 0.0013 |
| 61 | 0.1841 | 0.025 | 0.0026 | 0.0276 |
| 61.0333 | 0.1838 | 0 | 0 | 0 |
| 61.0667 | 0.1844 | 0 | 0.0013 | 0.0013 |
| 61.1 | 0.1802 | 0 | 0.0013 | 0.0013 |
| 61.1333 | 0.1844 | 0.025 | 0 | 0.025 |
| 61.1667 | 0.1831 | 0.0118 | 0 | 0.0118 |
| 61.2 | 0.1815 | 0 | 0.0026 | 0.0026 |
| 61.2333 | 0.1838 | 0.0118 | 0.0013 | 0.0131 |
| 61.2667 | 0.1835 | 0.025 | 0 | 0.025 |
| 61.3 | 0.1828 | 0.0118 | 0 | 0.0118 |
| 61.3333 | 0.1828 | 0.0118 | 0 | 0.0118 |
| 61.3667 | 0.1838 | 0.025 | 0 | 0.025 |
| 61.4 | 0.1831 | 0 | 0 | 0 |
| 61.4333 | 0.1828 | 0 | 0.0013 | 0.0013 |
| 61.4667 | 0.1835 | 0 | 0 | 0 |
| 61.5 | 0.1831 | 0.0118 | 0.0013 | 0.0131 |
| 61.5333 | 0.1805 | 0 | 0.0013 | 0.0013 |
| 61.5667 | 0.1835 | 0 | 0.0013 | 0.0013 |
| 61.6 | 0.1825 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 61.6333 | 0.1835 | 0.0118 | 0.0013 | 0.0131 |
| 61.6667 | 0.1811 | 0 | 0 | 0 |
| 61.7 | 0.1848 | 0.0118 | 0 | 0.0118 |
| 61.7333 | 0.1825 | 0 | 0.0013 | 0.0013 |
| 61.7667 | 0.1838 | 0 | 0 | 0 |
| 61.8 | 0.1838 | 0 | 0.0013 | 0.0013 |
| 61.8333 | 0.1844 | 0 | 0 | 0 |
| 61.8667 | 0.1825 | 0.0118 | 0 | 0.0118 |
| 61.9 | 0.1844 | 0 | 0.0013 | 0.0013 |
| 61.9333 | 0.1831 | 0.0118 | 0.0013 | 0.0131 |
| 61.9667 | 0.1808 | 0.0118 | 0 | 0.0118 |
| 62 | 0.1831 | 0.0118 | 0 | 0.0118 |
| 62.0333 | 0.1841 | 0 | 0.0013 | 0.0013 |
| 62.0667 | 0.1838 | 0 | 0 | 0 |
| 62.1 | 0.1825 | 0.0118 | 0.0013 | 0.0131 |
| 62.1333 | 0.1848 | 0 | 0.0026 | 0.0026 |
| 62.1667 | 0.1828 | 0 | 0.0013 | 0.0013 |
| 62.2 | 0.1815 | 0.0118 | 0.0013 | 0.0131 |
| 62.2333 | 0.1808 | 0.0118 | 0.0013 | 0.0131 |
| 62.2667 | 0.1828 | 0 | 0.0013 | 0.0013 |
| 62.3 | 0.1851 | 0 | 0.0013 | 0.0013 |
| 62.3333 | 0.1851 | 0.0118 | 0 | 0.0118 |
| 62.3667 | 0.1815 | 0 | 0 | 0 |
| 62.4 | 0.1844 | 0.0118 | 0.0013 | 0.0131 |
| 62.4333 | 0.1831 | 0 | 0 | 0 |
| 62.4667 | 0.1821 | 0 | 0 | 0 |
| 62.5 | 0.1848 | 0 | 0 | 0 |
| 62.5333 | 0.1818 | 0.0118 | 0.0013 | 0.0131 |
| 62.5667 | 0.1825 | 0.0118 | 0 | 0.0118 |
| 62.6 | 0.1825 | 0.0118 | 0.0026 | 0.0144 |
| 62.6333 | 0.1864 | 0 | 0.0013 | 0.0013 |
| 62.6667 | 0.1874 | 0 | 0 | 0 |
| 62.7 | 0.1851 | 0 | 0.0013 | 0.0013 |
| 62.7333 | 0.1828 | 0 | 0 | 0 |
| 62.7667 | 0.1854 | 0 | 0 | 0 |
| 62.8 | 0.1825 | 0 | 0.0026 | 0.0026 |
| 62.8333 | 0.1838 | 0 | 0 | 0 |
| 62.8667 | 0.1818 | 0 | 0 | 0 |
| 62.9 | 0.1828 | 0 | 0.0026 | 0.0026 |
| 62.9333 | 0.1838 | 0 | 0 | 0 |
| 62.9667 | 0.1828 | 0.025 | 0.0013 | 0.0262 |
| 63 | 0.1835 | 0 | 0 | 0 |
| 63.0333 | 0.1821 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 63.0667 | 0.1844 | 0 | 0.0013 | 0.0013 |
| 63.1 | 0.1844 | 0.025 | 0.0026 | 0.0276 |
| 63.1333 | 0.1844 | 0 | 0 | 0 |
| 63.1667 | 0.1848 | 0.0118 | 0.0013 | 0.0131 |
| 63.2 | 0.1848 | 0.0118 | 0 | 0.0118 |
| 63.2333 | 0.1841 | 0.0118 | 0.0013 | 0.0131 |
| 63.2667 | 0.1861 | 0.025 | 0.0013 | 0.0262 |
| 63.3 | 0.1854 | 0.0118 | 0 | 0.0118 |
| 63.3333 | 0.1854 | 0.0118 | 0 | 0.0118 |
| 63.3667 | 0.1828 | 0.0118 | 0.0013 | 0.0131 |
| 63.4 | 0.1831 | 0.0118 | 0 | 0.0118 |
| 63.4333 | 0.1838 | 0 | 0.0013 | 0.0013 |
| 63.4667 | 0.1825 | 0 | 0.0013 | 0.0013 |
| 63.5 | 0.1844 | 0 | 0.0013 | 0.0013 |
| 63.5333 | 0.1815 | 0 | 0.0013 | 0.0013 |
| 63.5667 | 0.1838 | 0 | 0.0013 | 0.0013 |
| 63.6 | 0.1818 | 0 | 0.0013 | 0.0013 |
| 63.6333 | 0.1818 | 0 | 0.0013 | 0.0013 |
| 63.6667 | 0.1825 | 0 | 0.0013 | 0.0013 |
| 63.7 | 0.1821 | 0.0118 | 0.0013 | 0.0131 |
| 63.7333 | 0.1844 | 0.025 | 0.0013 | 0.0262 |
| 63.7667 | 0.1848 | 0.0118 | 0 | 0.0118 |
| 63.8 | 0.1825 | 0 | 0 | 0 |
| 63.8333 | 0.1818 | 0.0118 | 0.0013 | 0.0131 |
| 63.8667 | 0.1802 | 0.0118 | 0 | 0.0118 |
| 63.9 | 0.1805 | 0 | 0 | 0 |
| 63.9333 | 0.1828 | 0.0118 | 0.0013 | 0.0131 |
| 63.9667 | 0.1848 | 0.0118 | 0.0013 | 0.0131 |
| 64 | 0.1838 | 0.0118 | 0.0013 | 0.0131 |
| 64.0333 | 0.1851 | 0 | 0 | 0 |
| 64.0667 | 0.1867 | 0.0118 | 0 | 0.0118 |
| 64.1 | 0.1844 | 0.0118 | 0.0013 | 0.0131 |
| 64.1333 | 0.1835 | 0.0118 | 0.0013 | 0.0131 |
| 64.1667 | 0.1835 | 0.0118 | 0 | 0.0118 |
| 64.2 | 0.1867 | 0.0118 | 0.0013 | 0.0131 |
| 64.2333 | 0.1841 | 0.0118 | 0.0013 | 0.0131 |
| 64.2667 | 0.1841 | 0.0118 | 0.0026 | 0.0144 |
| 64.3 | 0.1844 | 0 | 0.0013 | 0.0013 |
| 64.3333 | 0.1828 | 0.0118 | 0.0013 | 0.0131 |
| 64.3667 | 0.1861 | 0.0118 | 0.0013 | 0.0131 |
| 64.4 | 0.1831 | 0.0118 | 0.0013 | 0.0131 |
| 64.4333 | 0.1811 | 0 | 0 | 0 |
| 64.4667 | 0.1835 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 64.5 | 0.1841 | 0.025 | 0.0039 | 0.0289 |
| 64.5333 | 0.1841 | 0.0118 | 0.0013 | 0.0131 |
| 64.5667 | 0.1825 | 0.0118 | 0.0013 | 0.0131 |
| 64.6 | 0.1831 | 0.0118 | 0.0013 | 0.0131 |
| 64.6333 | 0.1851 | 0 | 0 | 0 |
| 64.6667 | 0.1851 | 0.025 | 0.0013 | 0.0262 |
| 64.7 | 0.1828 | 0 | 0 | 0 |
| 64.7333 | 0.1838 | 0 | 0.0026 | 0.0026 |
| 64.7667 | 0.1867 | 0 | 0.0013 | 0.0013 |
| 64.8 | 0.1841 | 0 | 0 | 0 |
| 64.8333 | 0.1815 | 0 | 0.0013 | 0.0013 |
| 64.8667 | 0.1851 | 0 | 0.0013 | 0.0013 |
| 64.9 | 0.1838 | 0 | 0.0013 | 0.0013 |
| 64.9333 | 0.1841 | 0.0118 | 0.0013 | 0.0131 |
| 64.9667 | 0.1798 | 0.0118 | 0.0013 | 0.0131 |
| 65 | 0.1844 | 0.0118 | 0.0013 | 0.0131 |
| 65.0333 | 0.1828 | 0.025 | 0 | 0.025 |
| 65.0667 | 0.1811 | 0.0118 | 0 | 0.0118 |
| 65.1 | 0.1828 | 0.0118 | 0.0013 | 0.0131 |
| 65.1333 | 0.1864 | 0 | 0.0013 | 0.0013 |
| 65.1667 | 0.1828 | 0 | 0.0013 | 0.0013 |
| 65.2 | 0.1815 | 0 | 0 | 0 |
| 65.2333 | 0.1851 | 0.0118 | 0.0013 | 0.0131 |
| 65.2667 | 0.1841 | 0 | 0.0013 | 0.0013 |
| 65.3 | 0.1841 | 0.0118 | 0.0013 | 0.0131 |
| 65.3333 | 0.1825 | 0 | 0 | 0 |
| 65.3667 | 0.1828 | 0.0118 | 0.0013 | 0.0131 |
| 65.4 | 0.1815 | 0.0118 | 0 | 0.0118 |
| 65.4333 | 0.1838 | 0 | 0.0013 | 0.0013 |
| 65.4667 | 0.1828 | 0 | 0.0026 | 0.0026 |
| 65.5 | 0.1835 | 0.0118 | 0.0026 | 0.0144 |
| 65.5333 | 0.1841 | 0 | 0.0013 | 0.0013 |
| 65.5667 | 0.1831 | 0.0118 | 0 | 0.0118 |
| 65.6 | 0.1792 | 0 | 0.0026 | 0.0026 |
| 65.6333 | 0.1828 | 0 | 0.0013 | 0.0013 |
| 65.6667 | 0.1841 | 0 | 0.0013 | 0.0013 |
| 65.7 | 0.1805 | 0 | 0 | 0 |
| 65.7333 | 0.1831 | 0 | 0.0013 | 0.0013 |
| 65.7667 | 0.1864 | 0 | 0.0013 | 0.0013 |
| 65.8 | 0.1848 | 0 | 0 | 0 |
| 65.8333 | 0.1838 | 0 | 0.0026 | 0.0026 |
| 65.8667 | 0.1828 | 0.0118 | 0 | 0.0118 |
| 65.9 | 0.1838 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 65.9333 | 0.1854 | 0.0118 | 0.0013 | 0.0131 |
| 65.9667 | 0.1831 | 0 | 0.0026 | 0.0026 |
| 66 | 0.1831 | 0.0118 | 0.0013 | 0.0131 |
| 66.0333 | 0.1841 | 0.0118 | 0.0013 | 0.0131 |
| 66.0667 | 0.1825 | 0.0118 | 0.0026 | 0.0144 |
| 66.1 | 0.1835 | 0.0118 | 0.0013 | 0.0131 |
| 66.1333 | 0.1844 | 0.0118 | 0.0013 | 0.0131 |
| 66.1667 | 0.1844 | 0 | 0.0026 | 0.0026 |
| 66.2 | 0.1835 | 0.0118 | 0.0026 | 0.0144 |
| 66.2333 | 0.1844 | 0.0118 | 0.0013 | 0.0131 |
| 66.2667 | 0.1831 | 0 | 0.0013 | 0.0013 |
| 66.3 | 0.1782 | 0 | 0.0026 | 0.0026 |
| 66.3333 | 0.1798 | 0 | 0.0013 | 0.0013 |
| 66.3667 | 0.1844 | 0 | 0.0026 | 0.0026 |
| 66.4 | 0.1828 | 0 | 0 | 0 |
| 66.4333 | 0.1841 | 0 | 0 | 0 |
| 66.4667 | 0.1844 | 0 | 0.0013 | 0.0013 |
| 66.5 | 0.1841 | 0 | 0.0013 | 0.0013 |
| 66.5333 | 0.1851 | 0 | 0.0013 | 0.0013 |
| 66.5667 | 0.1792 | 0 | 0.0013 | 0.0013 |
| 66.6 | 0.1811 | 0.0118 | 0 | 0.0118 |
| 66.6333 | 0.1825 | 0 | 0.0026 | 0.0026 |
| 66.6667 | 0.1802 | 0.0118 | 0.0013 | 0.0131 |
| 66.7 | 0.1844 | 0 | 0.0026 | 0.0026 |
| 66.7333 | 0.1808 | 0.0118 | 0.0013 | 0.0131 |
| 66.7667 | 0.1818 | 0 | 0.0013 | 0.0013 |
| 66.8 | 0.1825 | 0 | 0 | 0 |
| 66.8333 | 0.1805 | 0.0118 | 0.0013 | 0.0131 |
| 66.8667 | 0.1828 | 0.0118 | 0 | 0.0118 |
| 66.9 | 0.1821 | 0 | 0.0013 | 0.0013 |
| 66.9333 | 0.1835 | 0 | 0.0026 | 0.0026 |
| 66.9667 | 0.1831 | 0 | 0 | 0 |
| 67 | 0.1818 | 0 | 0.0013 | 0.0013 |
| 67.0333 | 0.1838 | 0 | 0 | 0 |
| 67.0667 | 0.1808 | 0.0118 | 0 | 0.0118 |
| 67.1 | 0.1835 | 0.0118 | 0.0013 | 0.0131 |
| 67.1333 | 0.1838 | 0 | 0.0013 | 0.0013 |
| 67.1667 | 0.1818 | 0.0118 | 0.0013 | 0.0131 |
| 67.2 | 0.1831 | 0.0118 | 0 | 0.0118 |
| 67.2333 | 0.1811 | 0.0118 | 0.0013 | 0.0131 |
| 67.2667 | 0.1811 | 0.0118 | 0 | 0.0118 |
| 67.3 | 0.1844 | 0.0118 | 0.0013 | 0.0131 |
| 67.3333 | 0.1811 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 67.3667 | 0.1828 | 0.0118 | 0.0013 | 0.0131 |
| 67.4 | 0.1838 | 0 | 0.0026 | 0.0026 |
| 67.4333 | 0.1828 | 0.0118 | 0.0013 | 0.0131 |
| 67.4667 | 0.1838 | 0.0118 | 0.0013 | 0.0131 |
| 67.5 | 0.1841 | 0 | 0 | 0 |
| 67.5333 | 0.1811 | 0.0118 | 0.0013 | 0.0131 |
| 67.5667 | 0.1811 | 0.0118 | 0.0013 | 0.0131 |
| 67.6 | 0.1821 | 0.0118 | 0 | 0.0118 |
| 67.6333 | 0.1841 | 0.0118 | 0.0013 | 0.0131 |
| 67.6667 | 0.1825 | 0.0118 | 0 | 0.0118 |
| 67.7 | 0.1828 | 0 | 0 | 0 |
| 67.7333 | 0.1828 | 0 | 0.0013 | 0.0013 |
| 67.7667 | 0.1831 | 0.0118 | 0.0026 | 0.0144 |
| 67.8 | 0.1838 | 0 | 0 | 0 |
| 67.8333 | 0.1841 | 0 | 0.0013 | 0.0013 |
| 67.8667 | 0.1831 | 0.0118 | 0 | 0.0118 |
| 67.9 | 0.1835 | 0 | 0 | 0 |
| 67.9333 | 0.1828 | 0.0118 | 0.0013 | 0.0131 |
| 67.9667 | 0.1848 | 0 | 0.0013 | 0.0013 |
| 68 | 0.1811 | 0.025 | 0 | 0.025 |
| 68.0333 | 0.1805 | 0 | 0.0013 | 0.0013 |
| 68.0667 | 0.1805 | 0.0118 | 0.0013 | 0.0131 |
| 68.1 | 0.1835 | 0 | 0 | 0 |
| 68.1333 | 0.1825 | 0 | 0 | 0 |
| 68.1667 | 0.1785 | 0.0118 | 0 | 0.0118 |
| 68.2 | 0.1821 | 0 | 0 | 0 |
| 68.2333 | 0.1792 | 0.0118 | 0 | 0.0118 |
| 68.2667 | 0.1821 | 0 | 0.0013 | 0.0013 |
| 68.3 | 0.1805 | 0.0118 | 0 | 0.0118 |
| 68.3333 | 0.1808 | 0 | 0.0013 | 0.0013 |
| 68.3667 | 0.1838 | 0 | 0.0013 | 0.0013 |
| 68.4 | 0.1805 | 0 | 0 | 0 |
| 68.4333 | 0.1825 | 0 | 0 | 0 |
| 68.4667 | 0.1818 | 0.025 | 0 | 0.025 |
| 68.5 | 0.1835 | 0.0118 | 0.0013 | 0.0131 |
| 68.5333 | 0.1818 | 0 | 0 | 0 |
| 68.5667 | 0.1815 | 0.0118 | 0.0013 | 0.0131 |
| 68.6 | 0.1821 | 0 | 0.0026 | 0.0026 |
| 68.6333 | 0.1798 | 0 | 0.0013 | 0.0013 |
| 68.6667 | 0.1841 | 0.0118 | 0.0026 | 0.0144 |
| 68.7 | 0.1831 | 0.0118 | 0 | 0.0118 |
| 68.7333 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 68.7667 | 0.1821 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 68.8 | 0.1818 | 0.0118 | 0.0013 | 0.0131 |
| 68.8333 | 0.1835 | 0 | 0 | 0 |
| 68.8667 | 0.1811 | 0.0118 | 0 | 0.0118 |
| 68.9 | 0.1802 | 0.025 | 0.0013 | 0.0262 |
| 68.9333 | 0.1802 | 0 | 0.0013 | 0.0013 |
| 68.9667 | 0.1821 | 0 | 0 | 0 |
| 69 | 0.1828 | 0.025 | 0.0013 | 0.0262 |
| 69.0333 | 0.1828 | 0.0118 | 0.0026 | 0.0144 |
| 69.0667 | 0.1798 | 0 | 0.0013 | 0.0013 |
| 69.1 | 0.1798 | 0.0118 | 0.0013 | 0.0131 |
| 69.1333 | 0.1811 | 0.0118 | 0.0013 | 0.0131 |
| 69.1667 | 0.1815 | 0.0118 | 0.0013 | 0.0131 |
| 69.2 | 0.1815 | 0.025 | 0 | 0.025 |
| 69.2333 | 0.1779 | 0 | 0 | 0 |
| 69.2667 | 0.1788 | 0.0118 | 0.0013 | 0.0131 |
| 69.3 | 0.1815 | 0.025 | 0.0013 | 0.0262 |
| 69.3333 | 0.1811 | 0.025 | 0.0026 | 0.0276 |
| 69.3667 | 0.1808 | 0.0118 | 0 | 0.0118 |
| 69.4 | 0.1795 | 0.0118 | 0 | 0.0118 |
| 69.4333 | 0.1805 | 0.0118 | 0 | 0.0118 |
| 69.4667 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 69.5 | 0.1811 | 0 | 0 | 0 |
| 69.5333 | 0.1802 | 0 | 0.0013 | 0.0013 |
| 69.5667 | 0.1805 | 0 | 0 | 0 |
| 69.6 | 0.1825 | 0.0118 | 0.0026 | 0.0144 |
| 69.6333 | 0.1798 | 0 | 0.0013 | 0.0013 |
| 69.6667 | 0.1818 | 0.0118 | 0.0013 | 0.0131 |
| 69.7 | 0.1802 | 0 | 0.0013 | 0.0013 |
| 69.7333 | 0.1828 | 0 | 0.0013 | 0.0013 |
| 69.7667 | 0.1821 | 0.0118 | 0 | 0.0118 |
| 69.8 | 0.1805 | 0.0118 | 0.0013 | 0.0131 |
| 69.8333 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 69.8667 | 0.1792 | 0.025 | 0.0013 | 0.0262 |
| 69.9 | 0.1818 | 0.0118 | 0.0013 | 0.0131 |
| 69.9333 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 69.9667 | 0.1825 | 0 | 0.0026 | 0.0026 |
| 70 | 0.1835 | 0 | 0 | 0 |
| 70.0333 | 0.1798 | 0.0118 | 0.0013 | 0.0131 |
| 70.0667 | 0.1825 | 0.0118 | 0.0013 | 0.0131 |
| 70.1 | 0.1818 | 0.0118 | 0.0013 | 0.0131 |
| 70.1333 | 0.1798 | 0 | 0.0013 | 0.0013 |
| 70.1667 | 0.1821 | 0 | 0.0026 | 0.0026 |
| 70.2 | 0.1815 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 70.2333 | 0.1841 | 0.0118 | 0 | 0.0118 |
| 70.2667 | 0.1808 | 0.0118 | 0.0013 | 0.0131 |
| 70.3 | 0.1808 | 0 | 0 | 0 |
| 70.3333 | 0.1811 | 0.025 | 0 | 0.025 |
| 70.3667 | 0.1811 | 0.0118 | 0 | 0.0118 |
| 70.4 | 0.1815 | 0.025 | 0.0013 | 0.0262 |
| 70.4333 | 0.1828 | 0 | 0 | 0 |
| 70.4667 | 0.1821 | 0.0118 | 0 | 0.0118 |
| 70.5 | 0.1828 | 0.0118 | 0 | 0.0118 |
| 70.5333 | 0.1818 | 0.0118 | 0 | 0.0118 |
| 70.5667 | 0.1821 | 0.0118 | 0.0013 | 0.0131 |
| 70.6 | 0.1828 | 0.0118 | 0.0026 | 0.0144 |
| 70.6333 | 0.1805 | 0.0118 | 0.0013 | 0.0131 |
| 70.6667 | 0.1811 | 0 | 0 | 0 |
| 70.7 | 0.1802 | 0.0118 | 0 | 0.0118 |
| 70.7333 | 0.1828 | 0 | 0 | 0 |
| 70.7667 | 0.1821 | 0 | 0.0013 | 0.0013 |
| 70.8 | 0.1811 | 0 | 0.0013 | 0.0013 |
| 70.8333 | 0.1805 | 0.0118 | 0 | 0.0118 |
| 70.8667 | 0.1808 | 0.0118 | 0.0013 | 0.0131 |
| 70.9 | 0.1815 | 0.0118 | 0 | 0.0118 |
| 70.9333 | 0.1825 | 0.0118 | 0.0013 | 0.0131 |
| 70.9667 | 0.1792 | 0 | 0.0013 | 0.0013 |
| 71 | 0.1838 | 0.025 | 0 | 0.025 |
| 71.0333 | 0.1811 | 0.0118 | 0.0013 | 0.0131 |
| 71.0667 | 0.1825 | 0.0118 | 0.0013 | 0.0131 |
| 71.1 | 0.1815 | 0.0118 | 0.0013 | 0.0131 |
| 71.1333 | 0.1825 | 0.0118 | 0 | 0.0118 |
| 71.1667 | 0.1792 | 0.025 | 0 | 0.025 |
| 71.2 | 0.1828 | 0.0118 | 0.0013 | 0.0131 |
| 71.2333 | 0.1815 | 0.0118 | 0.0039 | 0.0157 |
| 71.2667 | 0.1795 | 0 | 0 | 0 |
| 71.3 | 0.1811 | 0.025 | 0 | 0.025 |
| 71.3333 | 0.1825 | 0.0118 | 0 | 0.0118 |
| 71.3667 | 0.1841 | 0.0118 | 0.0026 | 0.0144 |
| 71.4 | 0.1867 | 0 | 0.0013 | 0.0013 |
| 71.4333 | 0.1874 | 0 | 0.0026 | 0.0026 |
| 71.4667 | 0.1874 | 0.0118 | 0 | 0.0118 |
| 71.5 | 0.1871 | 0 | 0.0013 | 0.0013 |
| 71.5333 | 0.1867 | 0 | 0.0013 | 0.0013 |
| 71.5667 | 0.1894 | 0 | 0.0013 | 0.0013 |
| 71.6 | 0.1917 | 0.0118 | 0.0013 | 0.0131 |
| 71.6333 | 0.1943 | 0.025 | 0.0013 | 0.0262 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 71.6667 | 0.1937 | 0 | 0.0026 | 0.0026 |
| 71.7 | 0.194 | 0.025 | 0 | 0.025 |
| 71.7333 | 0.1943 | 0.0118 | 0.0026 | 0.0144 |
| 71.7667 | 0.195 | 0.0118 | 0.0013 | 0.0131 |
| 71.8 | 0.1956 | 0.0118 | 0 | 0.0118 |
| 71.8333 | 0.2002 | 0 | 0 | 0 |
| 71.8667 | 0.2009 | 0.0118 | 0.0026 | 0.0144 |
| 71.9 | 0.2078 | 0 | 0.0013 | 0.0013 |
| 71.9333 | 0.2114 | 0 | 0 | 0 |
| 71.9667 | 0.2164 | 0.0118 | 0.0013 | 0.0131 |
| 72 | 0.2164 | 0.0118 | 0.0026 | 0.0144 |
| 72.0333 | 0.217 | 0 | 0 | 0 |
| 72.0667 | 0.2272 | 0.0118 | 0 | 0.0118 |
| 72.1 | 0.2292 | 0 | 0 | 0 |
| 72.1333 | 0.2322 | 0.0118 | 0 | 0.0118 |
| 72.1667 | 0.2335 | 0 | 0.0013 | 0.0013 |
| 72.2 | 0.2374 | 0 | 0 | 0 |
| 72.2333 | 0.2414 | 0 | 0 | 0 |
| 72.2667 | 0.243 | 0 | 0 | 0 |
| 72.3 | 0.2489 | 0 | 0 | 0 |
| 72.3333 | 0.2489 | 0.0118 | 0 | 0.0118 |
| 72.3667 | 0.2549 | 0 | 0.0026 | 0.0026 |
| 72.4 | 0.2582 | 0 | 0.0013 | 0.0013 |
| 72.4333 | 0.2631 | 0.0118 | 0 | 0.0118 |
| 72.4667 | 0.2638 | 0.0118 | 0 | 0.0118 |
| 72.5 | 0.2667 | 0 | 0.0013 | 0.0013 |
| 72.5333 | 0.2684 | 0.0118 | 0 | 0.0118 |
| 72.5667 | 0.2713 | 0.0118 | 0.0026 | 0.0144 |
| 72.6 | 0.275 | 0 | 0.0013 | 0.0013 |
| 72.6333 | 0.2789 | 0.0118 | 0.0013 | 0.0131 |
| 72.6667 | 0.2829 | 0 | 0 | 0 |
| 72.7 | 0.2822 | 0.0118 | 0 | 0.0118 |
| 72.7333 | 0.2881 | 0.0118 | 0.0013 | 0.0131 |
| 72.7667 | 0.2875 | 0 | 0.0013 | 0.0013 |
| 72.8 | 0.2924 | 0.0118 | 0 | 0.0118 |
| 72.8333 | 0.2954 | 0 | 0 | 0 |
| 72.8667 | 0.2937 | 0 | 0 | 0 |
| 72.9 | 0.298 | 0.025 | 0.0026 | 0.0276 |
| 72.9333 | 0.3003 | 0 | 0 | 0 |
| 72.9667 | 0.3039 | 0.0118 | 0.0013 | 0.0131 |
| 73 | 0.3052 | 0.0118 | 0 | 0.0118 |
| 73.0333 | 0.3095 | 0 | 0 | 0 |
| 73.0667 | 0.3095 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 73.1 | 0.3108 | 0 | 0.0013 | 0.0013 |
| 73.1333 | 0.3158 | 0.0118 | 0.0013 | 0.0131 |
| 73.1667 | 0.3181 | 0 | 0 | 0 |
| 73.2 | 0.3187 | 0.0381 | 0.0013 | 0.0394 |
| 73.2333 | 0.3194 | 0.0118 | 0.0026 | 0.0144 |
| 73.2667 | 0.3227 | 0 | 0.0026 | 0.0026 |
| 73.3 | 0.3256 | 0 | 0.0013 | 0.0013 |
| 73.3333 | 0.3299 | 0 | 0.0013 | 0.0013 |
| 73.3667 | 0.3296 | 0.0118 | 0 | 0.0118 |
| 73.4 | 0.3316 | 0 | 0.0026 | 0.0026 |
| 73.4333 | 0.3299 | 0.0118 | 0.0013 | 0.0131 |
| 73.4667 | 0.3352 | 0.0118 | 0.0026 | 0.0144 |
| 73.5 | 0.3391 | 0 | 0.0013 | 0.0013 |
| 73.5333 | 0.3388 | 0.0118 | 0 | 0.0118 |
| 73.5667 | 0.3381 | 0 | 0 | 0 |
| 73.6 | 0.3418 | 0 | 0.0013 | 0.0013 |
| 73.6333 | 0.346 | 0.0118 | 0.0013 | 0.0131 |
| 73.6667 | 0.3464 | 0 | 0.0013 | 0.0013 |
| 73.7 | 0.3483 | 0 | 0.0013 | 0.0013 |
| 73.7333 | 0.3487 | 0.0118 | 0.0013 | 0.0131 |
| 73.7667 | 0.346 | 0 | 0 | 0 |
| 73.8 | 0.3513 | 0.0118 | 0 | 0.0118 |
| 73.8333 | 0.3487 | 0.0118 | 0.0013 | 0.0131 |
| 73.8667 | 0.3559 | 0.0118 | 0 | 0.0118 |
| 73.9 | 0.3546 | 0.0118 | 0 | 0.0118 |
| 73.9333 | 0.3566 | 0 | 0.0026 | 0.0026 |
| 73.9667 | 0.3602 | 0 | 0 | 0 |
| 74 | 0.3579 | 0 | 0 | 0 |
| 74.0333 | 0.3586 | 0.0118 | 0 | 0.0118 |
| 74.0667 | 0.3579 | 0 | 0.0013 | 0.0013 |
| 74.1 | 0.3556 | 0.0118 | 0.0013 | 0.0131 |
| 74.1333 | 0.3576 | 0 | 0.0013 | 0.0013 |
| 74.1667 | 0.3592 | 0 | 0 | 0 |
| 74.2 | 0.3592 | 0 | 0 | 0 |
| 74.2333 | 0.3556 | 0.0118 | 0 | 0.0118 |
| 74.2667 | 0.3559 | 0 | 0 | 0 |
| 74.3 | 0.3566 | 0.0118 | 0.0013 | 0.0131 |
| 74.3333 | 0.3562 | 0 | 0.0013 | 0.0013 |
| 74.3667 | 0.3546 | 0 | 0.0013 | 0.0013 |
| 74.4 | 0.3562 | 0.025 | 0 | 0.025 |
| 74.4333 | 0.3559 | 0 | 0.0013 | 0.0013 |
| 74.4667 | 0.3549 | 0.0118 | 0.0013 | 0.0131 |
| 74.5 | 0.3526 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 74.5333 | 0.3543 | 0.025 | 0 | 0.025 |
| 74.5667 | 0.3569 | 0.0118 | 0.0013 | 0.0131 |
| 74.6 | 0.3546 | 0.0118 | 0.0026 | 0.0144 |
| 74.6333 | 0.3543 | 0.0118 | 0.0013 | 0.0131 |
| 74.6667 | 0.3546 | 0.0118 | 0.0026 | 0.0144 |
| 74.7 | 0.352 | 0 | 0.0013 | 0.0013 |
| 74.7333 | 0.3536 | 0.0118 | 0.0013 | 0.0131 |
| 74.7667 | 0.351 | 0 | 0 | 0 |
| 74.8 | 0.3523 | 0 | 0.0013 | 0.0013 |
| 74.8333 | 0.3513 | 0.0118 | 0.0013 | 0.0131 |
| 74.8667 | 0.3516 | 0.0118 | 0 | 0.0118 |
| 74.9 | 0.353 | 0.0118 | 0 | 0.0118 |
| 74.9333 | 0.3533 | 0 | 0 | 0 |
| 74.9667 | 0.3553 | 0 | 0 | 0 |
| 75 | 0.3546 | 0 | 0.0013 | 0.0013 |
| 75.0333 | 0.3576 | 0.0118 | 0 | 0.0118 |
| 75.0667 | 0.3546 | 0.025 | 0.0013 | 0.0262 |
| 75.1 | 0.3543 | 0 | 0.0026 | 0.0026 |
| 75.1333 | 0.3562 | 0.025 | 0.0013 | 0.0262 |
| 75.1667 | 0.3582 | 0 | 0.0013 | 0.0013 |
| 75.2 | 0.3559 | 0 | 0.0013 | 0.0013 |
| 75.2333 | 0.3586 | 0.0118 | 0.0013 | 0.0131 |
| 75.2667 | 0.3582 | 0.0118 | 0 | 0.0118 |
| 75.3 | 0.3572 | 0 | 0 | 0 |
| 75.3333 | 0.3602 | 0 | 0 | 0 |
| 75.3667 | 0.3612 | 0 | 0 | 0 |
| 75.4 | 0.3615 | 0.0118 | 0.0013 | 0.0131 |
| 75.4333 | 0.3595 | 0 | 0.0013 | 0.0013 |
| 75.4667 | 0.3615 | 0.0118 | 0 | 0.0118 |
| 75.5 | 0.3641 | 0 | 0.0013 | 0.0013 |
| 75.5333 | 0.3661 | 0 | 0 | 0 |
| 75.5667 | 0.3648 | 0.0118 | 0 | 0.0118 |
| 75.6 | 0.3651 | 0 | 0 | 0 |
| 75.6333 | 0.3651 | 0.0118 | 0 | 0.0118 |
| 75.6667 | 0.3658 | 0 | 0.0026 | 0.0026 |
| 75.7 | 0.3625 | 0.0118 | 0.0013 | 0.0131 |
| 75.7333 | 0.3638 | 0.0118 | 0.0013 | 0.0131 |
| 75.7667 | 0.3668 | 0 | 0.0013 | 0.0013 |
| 75.8 | 0.3655 | 0 | 0.0026 | 0.0026 |
| 75.8333 | 0.3658 | 0 | 0.0013 | 0.0013 |
| 75.8667 | 0.3678 | 0.0118 | 0.0013 | 0.0131 |
| 75.9 | 0.3681 | 0 | 0.0013 | 0.0013 |
| 75.9333 | 0.3678 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 75.9667 | 0.372 | 0.0118 | 0 | 0.0118 |
| 76 | 0.3707 | 0 | 0 | 0 |
| 76.0333 | 0.3704 | 0 | 0.0013 | 0.0013 |
| 76.0667 | 0.3707 | 0 | 0.0013 | 0.0013 |
| 76.1 | 0.3717 | 0.0118 | 0 | 0.0118 |
| 76.1333 | 0.3737 | 0 | 0.0013 | 0.0013 |
| 76.1667 | 0.373 | 0.025 | 0 | 0.025 |
| 76.2 | 0.3727 | 0 | 0.0013 | 0.0013 |
| 76.2333 | 0.375 | 0.025 | 0.0013 | 0.0262 |
| 76.2667 | 0.373 | 0.0118 | 0.0013 | 0.0131 |
| 76.3 | 0.376 | 0.025 | 0.0026 | 0.0276 |
| 76.3333 | 0.377 | 0 | 0 | 0 |
| 76.3667 | 0.3743 | 0.025 | 0 | 0.025 |
| 76.4 | 0.3753 | 0.0118 | 0 | 0.0118 |
| 76.4333 | 0.378 | 0 | 0.0013 | 0.0013 |
| 76.4667 | 0.3767 | 0.0118 | 0.0013 | 0.0131 |
| 76.5 | 0.3763 | 0.025 | 0 | 0.025 |
| 76.5333 | 0.377 | 0 | 0.0013 | 0.0013 |
| 76.5667 | 0.3803 | 0.0118 | 0 | 0.0118 |
| 76.6 | 0.3819 | 0.0118 | 0.0013 | 0.0131 |
| 76.6333 | 0.3832 | 0 | 0 | 0 |
| 76.6667 | 0.3803 | 0.025 | 0.0013 | 0.0262 |
| 76.7 | 0.3809 | 0.025 | 0.0013 | 0.0262 |
| 76.7333 | 0.3793 | 0 | 0 | 0 |
| 76.7667 | 0.3806 | 0 | 0.0013 | 0.0013 |
| 76.8 | 0.3806 | 0.0118 | 0.0039 | 0.0157 |
| 76.8333 | 0.3806 | 0.0118 | 0 | 0.0118 |
| 76.8667 | 0.3832 | 0 | 0 | 0 |
| 76.9 | 0.3832 | 0 | 0 | 0 |
| 76.9333 | 0.3829 | 0.0118 | 0.0013 | 0.0131 |
| 76.9667 | 0.3822 | 0.0118 | 0.0013 | 0.0131 |
| 77 | 0.3819 | 0.025 | 0 | 0.025 |
| 77.0333 | 0.3826 | 0.0118 | 0 | 0.0118 |
| 77.0667 | 0.3829 | 0.0118 | 0.0013 | 0.0131 |
| 77.1 | 0.3819 | 0 | 0 | 0 |
| 77.1333 | 0.3832 | 0.0118 | 0.0026 | 0.0144 |
| 77.1667 | 0.3855 | 0 | 0.0013 | 0.0013 |
| 77.2 | 0.3849 | 0 | 0 | 0 |
| 77.2333 | 0.3829 | 0.0118 | 0.0013 | 0.0131 |
| 77.2667 | 0.3855 | 0 | 0.0026 | 0.0026 |
| 77.3 | 0.3855 | 0 | 0.0013 | 0.0013 |
| 77.3333 | 0.3878 | 0 | 0 | 0 |
| 77.3667 | 0.3895 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 77.4 | 0.3855 | 0.0118 | 0 | 0.0118 |
| 77.4333 | 0.3892 | 0 | 0.0013 | 0.0013 |
| 77.4667 | 0.3869 | 0.0118 | 0 | 0.0118 |
| 77.5 | 0.3865 | 0.025 | 0 | 0.025 |
| 77.5333 | 0.3859 | 0.0118 | 0.0013 | 0.0131 |
| 77.5667 | 0.3882 | 0.0118 | 0.0013 | 0.0131 |
| 77.6 | 0.3875 | 0 | 0 | 0 |
| 77.6333 | 0.3862 | 0.0118 | 0.0013 | 0.0131 |
| 77.6667 | 0.3892 | 0 | 0.0013 | 0.0013 |
| 77.7 | 0.3862 | 0 | 0 | 0 |
| 77.7333 | 0.3869 | 0.0118 | 0 | 0.0118 |
| 77.7667 | 0.3878 | 0.025 | 0.0013 | 0.0262 |
| 77.8 | 0.3878 | 0 | 0 | 0 |
| 77.8333 | 0.3888 | 0 | 0 | 0 |
| 77.8667 | 0.3878 | 0.0118 | 0 | 0.0118 |
| 77.9 | 0.3869 | 0.0118 | 0 | 0.0118 |
| 77.9333 | 0.3852 | 0.0118 | 0 | 0.0118 |
| 77.9667 | 0.3885 | 0.0381 | 0 | 0.0381 |
| 78 | 0.3869 | 0.0118 | 0.0013 | 0.0131 |
| 78.0333 | 0.3892 | 0 | 0 | 0 |
| 78.0667 | 0.3888 | 0 | 0.0039 | 0.0039 |
| 78.1 | 0.3898 | 0 | 0.0026 | 0.0026 |
| 78.1333 | 0.3875 | 0.0118 | 0 | 0.0118 |
| 78.1667 | 0.3885 | 0 | 0 | 0 |
| 78.2 | 0.3862 | 0 | 0 | 0 |
| 78.2333 | 0.3862 | 0 | 0.0013 | 0.0013 |
| 78.2667 | 0.3869 | 0 | 0.0013 | 0.0013 |
| 78.3 | 0.3849 | 0.025 | 0 | 0.025 |
| 78.3333 | 0.3875 | 0 | 0.0013 | 0.0013 |
| 78.3667 | 0.3855 | 0 | 0.0013 | 0.0013 |
| 78.4 | 0.3852 | 0 | 0 | 0 |
| 78.4333 | 0.3855 | 0 | 0 | 0 |
| 78.4667 | 0.3855 | 0.0118 | 0 | 0.0118 |
| 78.5 | 0.3836 | 0 | 0.0026 | 0.0026 |
| 78.5333 | 0.3836 | 0.0118 | 0 | 0.0118 |
| 78.5667 | 0.3842 | 0.0118 | 0 | 0.0118 |
| 78.6 | 0.3836 | 0.025 | 0.0013 | 0.0262 |
| 78.6333 | 0.3842 | 0.0118 | 0 | 0.0118 |
| 78.6667 | 0.3826 | 0 | 0.0026 | 0.0026 |
| 78.7 | 0.3836 | 0 | 0 | 0 |
| 78.7333 | 0.3813 | 0.025 | 0.0013 | 0.0262 |
| 78.7667 | 0.3799 | 0.0118 | 0 | 0.0118 |
| 78.8 | 0.3816 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 78.8333 | 0.3816 | 0 | 0 | 0 |
| 78.8667 | 0.3829 | 0.0118 | 0.0026 | 0.0144 |
| 78.9 | 0.3799 | 0.0118 | 0.0013 | 0.0131 |
| 78.9333 | 0.3793 | 0 | 0.0013 | 0.0013 |
| 78.9667 | 0.3816 | 0 | 0.0026 | 0.0026 |
| 79 | 0.3806 | 0 | 0.0013 | 0.0013 |
| 79.0333 | 0.3783 | 0.0118 | 0.0026 | 0.0144 |
| 79.0667 | 0.3783 | 0 | 0.0013 | 0.0013 |
| 79.1 | 0.3816 | 0.0118 | 0 | 0.0118 |
| 79.1333 | 0.3796 | 0.0118 | 0 | 0.0118 |
| 79.1667 | 0.3786 | 0.0118 | 0 | 0.0118 |
| 79.2 | 0.3753 | 0.0118 | 0 | 0.0118 |
| 79.2333 | 0.3753 | 0.0118 | 0 | 0.0118 |
| 79.2667 | 0.376 | 0.0118 | 0.0013 | 0.0131 |
| 79.3 | 0.3727 | 0.0118 | 0.0026 | 0.0144 |
| 79.3333 | 0.374 | 0.0118 | 0.0013 | 0.0131 |
| 79.3667 | 0.3714 | 0 | 0.0013 | 0.0013 |
| 79.4 | 0.3747 | 0.0118 | 0.0026 | 0.0144 |
| 79.4333 | 0.376 | 0 | 0 | 0 |
| 79.4667 | 0.3707 | 0 | 0 | 0 |
| 79.5 | 0.3717 | 0 | 0.0013 | 0.0013 |
| 79.5333 | 0.376 | 0 | 0 | 0 |
| 79.5667 | 0.3701 | 0.0118 | 0 | 0.0118 |
| 79.6 | 0.3707 | 0 | 0.0013 | 0.0013 |
| 79.6333 | 0.3707 | 0.0118 | 0 | 0.0118 |
| 79.6667 | 0.3707 | 0 | 0.0026 | 0.0026 |
| 79.7 | 0.372 | 0.0118 | 0 | 0.0118 |
| 79.7333 | 0.3694 | 0 | 0.0013 | 0.0013 |
| 79.7667 | 0.372 | 0.025 | 0.0013 | 0.0262 |
| 79.8 | 0.3668 | 0 | 0.0013 | 0.0013 |
| 79.8333 | 0.3674 | 0 | 0 | 0 |
| 79.8667 | 0.3665 | 0 | 0.0013 | 0.0013 |
| 79.9 | 0.3678 | 0.025 | 0.0039 | 0.0289 |
| 79.9333 | 0.3661 | 0 | 0 | 0 |
| 79.9667 | 0.3651 | 0.0118 | 0 | 0.0118 |
| 80 | 0.3658 | 0 | 0 | 0 |
| 80.0333 | 0.3641 | 0 | 0.0026 | 0.0026 |
| 80.0667 | 0.3651 | 0.025 | 0 | 0.025 |
| 80.1 | 0.3648 | 0.025 | 0 | 0.025 |
| 80.1333 | 0.3655 | 0 | 0.0013 | 0.0013 |
| 80.1667 | 0.3635 | 0 | 0 | 0 |
| 80.2 | 0.3658 | 0.0118 | 0.0013 | 0.0131 |
| 80.2333 | 0.3632 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 80.2667 | 0.3641 | 0 | 0 | 0 |
| 80.3 | 0.3628 | 0 | 0 | 0 |
| 80.3333 | 0.3595 | 0 | 0.0013 | 0.0013 |
| 80.3667 | 0.3638 | 0.0118 | 0.0013 | 0.0131 |
| 80.4 | 0.3622 | 0.0118 | 0.0013 | 0.0131 |
| 80.4333 | 0.3605 | 0.025 | 0 | 0.025 |
| 80.4667 | 0.3579 | 0.0118 | 0.0013 | 0.0131 |
| 80.5 | 0.3592 | 0 | 0 | 0 |
| 80.5333 | 0.3599 | 0 | 0 | 0 |
| 80.5667 | 0.3579 | 0.0118 | 0.0013 | 0.0131 |
| 80.6 | 0.3602 | 0.0118 | 0.0013 | 0.0131 |
| 80.6333 | 0.3556 | 0 | 0 | 0 |
| 80.6667 | 0.3572 | 0 | 0.0013 | 0.0013 |
| 80.7 | 0.3569 | 0 | 0 | 0 |
| 80.7333 | 0.3543 | 0 | 0.0026 | 0.0026 |
| 80.7667 | 0.3569 | 0 | 0.0013 | 0.0013 |
| 80.8 | 0.3549 | 0.0118 | 0 | 0.0118 |
| 80.8333 | 0.3556 | 0 | 0.0013 | 0.0013 |
| 80.8667 | 0.3539 | 0 | 0.0026 | 0.0026 |
| 80.9 | 0.3546 | 0.0381 | 0 | 0.0381 |
| 80.9333 | 0.3523 | 0.0118 | 0 | 0.0118 |
| 80.9667 | 0.3536 | 0.0118 | 0.0013 | 0.0131 |
| 81 | 0.3556 | 0.0118 | 0.0013 | 0.0131 |
| 81.0333 | 0.3533 | 0 | 0.0013 | 0.0013 |
| 81.0667 | 0.3513 | 0 | 0 | 0 |
| 81.1 | 0.351 | 0.025 | 0.0013 | 0.0262 |
| 81.1333 | 0.3543 | 0 | 0.0013 | 0.0013 |
| 81.1667 | 0.3523 | 0.0118 | 0 | 0.0118 |
| 81.2 | 0.3497 | 0.0118 | 0 | 0.0118 |
| 81.2333 | 0.3543 | 0.0118 | 0.0026 | 0.0144 |
| 81.2667 | 0.353 | 0 | 0.0013 | 0.0013 |
| 81.3 | 0.3493 | 0 | 0 | 0 |
| 81.3333 | 0.351 | 0.0118 | 0 | 0.0118 |
| 81.3667 | 0.3493 | 0 | 0.0013 | 0.0013 |
| 81.4 | 0.3493 | 0.025 | 0 | 0.025 |
| 81.4333 | 0.3497 | 0.025 | 0 | 0.025 |
| 81.4667 | 0.3483 | 0.0118 | 0 | 0.0118 |
| 81.5 | 0.349 | 0 | 0.0013 | 0.0013 |
| 81.5333 | 0.3477 | 0 | 0.0013 | 0.0013 |
| 81.5667 | 0.3483 | 0.025 | 0.0013 | 0.0262 |
| 81.6 | 0.3464 | 0 | 0 | 0 |
| 81.6333 | 0.348 | 0 | 0 | 0 |
| 81.6667 | 0.3457 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 81.7 | 0.3467 | 0.0118 | 0 | 0.0118 |
| 81.7333 | 0.3454 | 0 | 0 | 0 |
| 81.7667 | 0.3477 | 0 | 0.0013 | 0.0013 |
| 81.8 | 0.3477 | 0 | 0 | 0 |
| 81.8333 | 0.3487 | 0 | 0 | 0 |
| 81.8667 | 0.3497 | 0 | 0.0013 | 0.0013 |
| 81.9 | 0.3487 | 0.0118 | 0.0013 | 0.0131 |
| 81.9333 | 0.3457 | 0 | 0 | 0 |
| 81.9667 | 0.3474 | 0.0118 | 0.0026 | 0.0144 |
| 82 | 0.3457 | 0 | 0 | 0 |
| 82.0333 | 0.3437 | 0 | 0.0013 | 0.0013 |
| 82.0667 | 0.3444 | 0.0118 | 0.0013 | 0.0131 |
| 82.1 | 0.3431 | 0 | 0.0013 | 0.0013 |
| 82.1333 | 0.3457 | 0.0118 | 0.0013 | 0.0131 |
| 82.1667 | 0.347 | 0 | 0.0026 | 0.0026 |
| 82.2 | 0.3441 | 0 | 0 | 0 |
| 82.2333 | 0.3408 | 0 | 0 | 0 |
| 82.2667 | 0.3441 | 0.0118 | 0 | 0.0118 |
| 82.3 | 0.346 | 0.0118 | 0.0013 | 0.0131 |
| 82.3333 | 0.3431 | 0.0118 | 0.0013 | 0.0131 |
| 82.3667 | 0.3437 | 0 | 0.0013 | 0.0013 |
| 82.4 | 0.3424 | 0 | 0 | 0 |
| 82.4333 | 0.3418 | 0 | 0.0013 | 0.0013 |
| 82.4667 | 0.3424 | 0.025 | 0.0013 | 0.0262 |
| 82.5 | 0.3421 | 0.0118 | 0.0013 | 0.0131 |
| 82.5333 | 0.3421 | 0.0118 | 0 | 0.0118 |
| 82.5667 | 0.3391 | 0.0118 | 0.0026 | 0.0144 |
| 82.6 | 0.3398 | 0 | 0.0013 | 0.0013 |
| 82.6333 | 0.3418 | 0.0118 | 0 | 0.0118 |
| 82.6667 | 0.3408 | 0 | 0 | 0 |
| 82.7 | 0.3441 | 0 | 0 | 0 |
| 82.7333 | 0.3391 | 0.0118 | 0.0013 | 0.0131 |
| 82.7667 | 0.3391 | 0 | 0 | 0 |
| 82.8 | 0.3401 | 0.0118 | 0.0013 | 0.0131 |
| 82.8333 | 0.3388 | 0.0118 | 0.0013 | 0.0131 |
| 82.8667 | 0.3388 | 0 | 0 | 0 |
| 82.9 | 0.3391 | 0.0118 | 0.0013 | 0.0131 |
| 82.9333 | 0.3408 | 0 | 0.0013 | 0.0013 |
| 82.9667 | 0.3385 | 0.025 | 0 | 0.025 |
| 83 | 0.3414 | 0 | 0 | 0 |
| 83.0333 | 0.3398 | 0 | 0.0013 | 0.0013 |
| 83.0667 | 0.3385 | 0.0118 | 0 | 0.0118 |
| 83.1 | 0.3388 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 83.1333 | 0.3388 | 0 | 0.0026 | 0.0026 |
| 83.1667 | 0.3368 | 0.025 | 0.0013 | 0.0262 |
| 83.2 | 0.3388 | 0.025 | 0 | 0.025 |
| 83.2333 | 0.3372 | 0 | 0.0013 | 0.0013 |
| 83.2667 | 0.3365 | 0.0118 | 0.0013 | 0.0131 |
| 83.3 | 0.3381 | 0.0118 | 0.0013 | 0.0131 |
| 83.3333 | 0.3362 | 0 | 0 | 0 |
| 83.3667 | 0.3352 | 0.0118 | 0 | 0.0118 |
| 83.4 | 0.3362 | 0 | 0.0013 | 0.0013 |
| 83.4333 | 0.3378 | 0 | 0 | 0 |
| 83.4667 | 0.3391 | 0.0118 | 0.0013 | 0.0131 |
| 83.5 | 0.3378 | 0 | 0.0026 | 0.0026 |
| 83.5333 | 0.3362 | 0.025 | 0 | 0.025 |
| 83.5667 | 0.3362 | 0.0118 | 0 | 0.0118 |
| 83.6 | 0.3358 | 0.0118 | 0 | 0.0118 |
| 83.6333 | 0.3388 | 0.0118 | 0 | 0.0118 |
| 83.6667 | 0.3365 | 0 | 0.0013 | 0.0013 |
| 83.7 | 0.3395 | 0 | 0 | 0 |
| 83.7333 | 0.3398 | 0.0118 | 0 | 0.0118 |
| 83.7667 | 0.3362 | 0.0118 | 0 | 0.0118 |
| 83.8 | 0.3372 | 0 | 0.0013 | 0.0013 |
| 83.8333 | 0.3372 | 0.0118 | 0 | 0.0118 |
| 83.8667 | 0.3395 | 0 | 0 | 0 |
| 83.9 | 0.3365 | 0 | 0.0013 | 0.0013 |
| 83.9333 | 0.3375 | 0 | 0.0013 | 0.0013 |
| 83.9667 | 0.3358 | 0 | 0 | 0 |
| 84 | 0.3365 | 0.0118 | 0.0013 | 0.0131 |
| 84.0333 | 0.3358 | 0 | 0.0013 | 0.0013 |
| 84.0667 | 0.3358 | 0 | 0 | 0 |
| 84.1 | 0.3368 | 0 | 0 | 0 |
| 84.1333 | 0.3339 | 0.025 | 0 | 0.025 |
| 84.1667 | 0.3372 | 0.0118 | 0 | 0.0118 |
| 84.2 | 0.3385 | 0 | 0 | 0 |
| 84.2333 | 0.3398 | 0 | 0.0026 | 0.0026 |
| 84.2667 | 0.3385 | 0.0118 | 0 | 0.0118 |
| 84.3 | 0.3381 | 0 | 0.0013 | 0.0013 |
| 84.3333 | 0.3418 | 0 | 0.0013 | 0.0013 |
| 84.3667 | 0.3388 | 0.0118 | 0.0013 | 0.0131 |
| 84.4 | 0.3388 | 0.0118 | 0.0026 | 0.0144 |
| 84.4333 | 0.3421 | 0.0118 | 0.0013 | 0.0131 |
| 84.4667 | 0.3408 | 0 | 0.0013 | 0.0013 |
| 84.5 | 0.3444 | 0 | 0 | 0 |
| 84.5333 | 0.3418 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 84.5667 | 0.3437 | 0 | 0.0026 | 0.0026 |
| 84.6 | 0.346 | 0 | 0.0013 | 0.0013 |
| 84.6333 | 0.3487 | 0.0381 | 0 | 0.0381 |
| 84.6667 | 0.3474 | 0 | 0.0013 | 0.0013 |
| 84.7 | 0.3474 | 0.0118 | 0.0013 | 0.0131 |
| 84.7333 | 0.3483 | 0.025 | 0.0013 | 0.0262 |
| 84.7667 | 0.3507 | 0 | 0 | 0 |
| 84.8 | 0.3477 | 0.0118 | 0 | 0.0118 |
| 84.8333 | 0.3483 | 0 | 0.0013 | 0.0013 |
| 84.8667 | 0.3523 | 0 | 0.0013 | 0.0013 |
| 84.9 | 0.353 | 0.0118 | 0.0013 | 0.0131 |
| 84.9333 | 0.3516 | 0.025 | 0 | 0.025 |
| 84.9667 | 0.3543 | 0 | 0 | 0 |
| 85 | 0.353 | 0 | 0.0013 | 0.0013 |
| 85.0333 | 0.353 | 0 | 0 | 0 |
| 85.0667 | 0.3553 | 0.0118 | 0 | 0.0118 |
| 85.1 | 0.3553 | 0.0118 | 0.0013 | 0.0131 |
| 85.1333 | 0.3566 | 0.025 | 0 | 0.025 |
| 85.1667 | 0.3569 | 0.0118 | 0 | 0.0118 |
| 85.2 | 0.3526 | 0.0118 | 0.0013 | 0.0131 |
| 85.2333 | 0.3562 | 0.0118 | 0.0013 | 0.0131 |
| 85.2667 | 0.3599 | 0.0118 | 0 | 0.0118 |
| 85.3 | 0.3553 | 0.0118 | 0.0013 | 0.0131 |
| 85.3333 | 0.3576 | 0.0118 | 0.0013 | 0.0131 |
| 85.3667 | 0.3595 | 0.0118 | 0 | 0.0118 |
| 85.4 | 0.3605 | 0.025 | 0 | 0.025 |
| 85.4333 | 0.3602 | 0.0118 | 0 | 0.0118 |
| 85.4667 | 0.3615 | 0 | 0.0013 | 0.0013 |
| 85.5 | 0.3615 | 0.0118 | 0 | 0.0118 |
| 85.5333 | 0.3632 | 0 | 0 | 0 |
| 85.5667 | 0.3638 | 0 | 0 | 0 |
| 85.6 | 0.3641 | 0 | 0 | 0 |
| 85.6333 | 0.3635 | 0.0118 | 0.0026 | 0.0144 |
| 85.6667 | 0.3628 | 0 | 0 | 0 |
| 85.7 | 0.3665 | 0.0118 | 0 | 0.0118 |
| 85.7333 | 0.3668 | 0.025 | 0.0013 | 0.0262 |
| 85.7667 | 0.3678 | 0.0118 | 0 | 0.0118 |
| 85.8 | 0.3648 | 0.0118 | 0.0013 | 0.0131 |
| 85.8333 | 0.3674 | 0.0118 | 0 | 0.0118 |
| 85.8667 | 0.3678 | 0.0118 | 0.0013 | 0.0131 |
| 85.9 | 0.3681 | 0.0118 | 0 | 0.0118 |
| 85.9333 | 0.3658 | 0.0118 | 0.0013 | 0.0131 |
| 85.9667 | 0.3668 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 86 | 0.3684 | 0.0118 | 0.0013 | 0.0131 |
| 86.0333 | 0.3658 | 0 | 0 | 0 |
| 86.0667 | 0.3697 | 0.0118 | 0.0013 | 0.0131 |
| 86.1 | 0.3681 | 0.0118 | 0 | 0.0118 |
| 86.1333 | 0.3707 | 0 | 0 | 0 |
| 86.1667 | 0.3688 | 0.025 | 0 | 0.025 |
| 86.2 | 0.372 | 0.0118 | 0.0013 | 0.0131 |
| 86.2333 | 0.3707 | 0.0118 | 0.0013 | 0.0131 |
| 86.2667 | 0.3734 | 0 | 0.0013 | 0.0013 |
| 86.3 | 0.3743 | 0.0118 | 0 | 0.0118 |
| 86.3333 | 0.3707 | 0.0118 | 0 | 0.0118 |
| 86.3667 | 0.3727 | 0.0118 | 0.0013 | 0.0131 |
| 86.4 | 0.373 | 0 | 0 | 0 |
| 86.4333 | 0.3753 | 0.0118 | 0 | 0.0118 |
| 86.4667 | 0.3757 | 0.0118 | 0 | 0.0118 |
| 86.5 | 0.376 | 0.0118 | 0.0013 | 0.0131 |
| 86.5333 | 0.374 | 0 | 0.0013 | 0.0013 |
| 86.5667 | 0.3757 | 0 | 0.0026 | 0.0026 |
| 86.6 | 0.3763 | 0.0118 | 0 | 0.0118 |
| 86.6333 | 0.376 | 0 | 0 | 0 |
| 86.6667 | 0.3763 | 0.0118 | 0 | 0.0118 |
| 86.7 | 0.377 | 0.0118 | 0.0013 | 0.0131 |
| 86.7333 | 0.3803 | 0 | 0.0026 | 0.0026 |
| 86.7667 | 0.3806 | 0.0118 | 0 | 0.0118 |
| 86.8 | 0.378 | 0 | 0.0026 | 0.0026 |
| 86.8333 | 0.377 | 0 | 0.0013 | 0.0013 |
| 86.8667 | 0.379 | 0.025 | 0.0013 | 0.0262 |
| 86.9 | 0.3793 | 0.0118 | 0 | 0.0118 |
| 86.9333 | 0.3773 | 0 | 0.0013 | 0.0013 |
| 86.9667 | 0.3783 | 0.0118 | 0 | 0.0118 |
| 87 | 0.378 | 0 | 0.0013 | 0.0013 |
| 87.0333 | 0.3753 | 0 | 0 | 0 |
| 87.0667 | 0.3799 | 0 | 0.0013 | 0.0013 |
| 87.1 | 0.378 | 0.0118 | 0.0013 | 0.0131 |
| 87.1333 | 0.378 | 0 | 0.0013 | 0.0013 |
| 87.1667 | 0.3799 | 0.0381 | 0.0026 | 0.0407 |
| 87.2 | 0.3793 | 0 | 0.0013 | 0.0013 |
| 87.2333 | 0.377 | 0.0118 | 0.0013 | 0.0131 |
| 87.2667 | 0.3747 | 0 | 0 | 0 |
| 87.3 | 0.3786 | 0 | 0 | 0 |
| 87.3333 | 0.3806 | 0.0118 | 0.0026 | 0.0144 |
| 87.3667 | 0.3786 | 0 | 0.0013 | 0.0013 |
| 87.4 | 0.3773 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 87.4333 | 0.375 | 0 | 0 | 0 |
| 87.4667 | 0.375 | 0.025 | 0.0026 | 0.0276 |
| 87.5 | 0.3757 | 0 | 0.0013 | 0.0013 |
| 87.5333 | 0.3757 | 0.0118 | 0.0013 | 0.0131 |
| 87.5667 | 0.378 | 0 | 0.0013 | 0.0013 |
| 87.6 | 0.3767 | 0.0118 | 0.0013 | 0.0131 |
| 87.6333 | 0.376 | 0 | 0.0013 | 0.0013 |
| 87.6667 | 0.3737 | 0.0118 | 0 | 0.0118 |
| 87.7 | 0.3734 | 0.0118 | 0 | 0.0118 |
| 87.7333 | 0.3753 | 0.0118 | 0.0026 | 0.0144 |
| 87.7667 | 0.374 | 0.0118 | 0.0013 | 0.0131 |
| 87.8 | 0.373 | 0.0118 | 0.0013 | 0.0131 |
| 87.8333 | 0.372 | 0 | 0.0013 | 0.0013 |
| 87.8667 | 0.3711 | 0.0118 | 0 | 0.0118 |
| 87.9 | 0.3724 | 0.0118 | 0 | 0.0118 |
| 87.9333 | 0.3757 | 0 | 0.0013 | 0.0013 |
| 87.9667 | 0.3737 | 0 | 0.0013 | 0.0013 |
| 88 | 0.3734 | 0 | 0.0026 | 0.0026 |
| 88.0333 | 0.3737 | 0.025 | 0 | 0.025 |
| 88.0667 | 0.3747 | 0.0118 | 0.0013 | 0.0131 |
| 88.1 | 0.372 | 0 | 0 | 0 |
| 88.1333 | 0.3767 | 0.0118 | 0 | 0.0118 |
| 88.1667 | 0.3724 | 0.0118 | 0.0013 | 0.0131 |
| 88.2 | 0.3704 | 0 | 0.0013 | 0.0013 |
| 88.2333 | 0.3684 | 0.0118 | 0 | 0.0118 |
| 88.2667 | 0.3734 | 0 | 0.0026 | 0.0026 |
| 88.3 | 0.3714 | 0 | 0.0013 | 0.0013 |
| 88.3333 | 0.3711 | 0.0118 | 0 | 0.0118 |
| 88.3667 | 0.3701 | 0.0118 | 0 | 0.0118 |
| 88.4 | 0.3694 | 0 | 0.0013 | 0.0013 |
| 88.4333 | 0.3691 | 0.0118 | 0.0013 | 0.0131 |
| 88.4667 | 0.3724 | 0.0118 | 0 | 0.0118 |
| 88.5 | 0.3684 | 0.0118 | 0 | 0.0118 |
| 88.5333 | 0.3684 | 0.0118 | 0.0013 | 0.0131 |
| 88.5667 | 0.372 | 0.025 | 0.0013 | 0.0262 |
| 88.6 | 0.3701 | 0 | 0.0013 | 0.0013 |
| 88.6333 | 0.3694 | 0 | 0 | 0 |
| 88.6667 | 0.3684 | 0.0118 | 0.0013 | 0.0131 |
| 88.7 | 0.3691 | 0.0118 | 0.0013 | 0.0131 |
| 88.7333 | 0.3704 | 0.0118 | 0.0013 | 0.0131 |
| 88.7667 | 0.3674 | 0.0118 | 0.0013 | 0.0131 |
| 88.8 | 0.3665 | 0.0118 | 0 | 0.0118 |
| 88.8333 | 0.3691 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 88.8667 | 0.3701 | 0.0118 | 0 | 0.0118 |
| 88.9 | 0.3691 | 0.0118 | 0.0013 | 0.0131 |
| 88.9333 | 0.3678 | 0.0118 | 0.0013 | 0.0131 |
| 88.9667 | 0.3691 | 0.0118 | 0 | 0.0118 |
| 89 | 0.3674 | 0 | 0.0013 | 0.0013 |
| 89.0333 | 0.3671 | 0 | 0 | 0 |
| 89.0667 | 0.3665 | 0.0118 | 0 | 0.0118 |
| 89.1 | 0.3678 | 0.0118 | 0.0013 | 0.0131 |
| 89.1333 | 0.3648 | 0 | 0 | 0 |
| 89.1667 | 0.3648 | 0 | 0.0013 | 0.0013 |
| 89.2 | 0.3648 | 0 | 0.0013 | 0.0013 |
| 89.2333 | 0.3668 | 0 | 0 | 0 |
| 89.2667 | 0.3641 | 0.0118 | 0.0026 | 0.0144 |
| 89.3 | 0.3628 | 0.0118 | 0 | 0.0118 |
| 89.3333 | 0.3658 | 0.025 | 0 | 0.025 |
| 89.3667 | 0.3674 | 0 | 0.0013 | 0.0013 |
| 89.4 | 0.3641 | 0 | 0.0013 | 0.0013 |
| 89.4333 | 0.3648 | 0.0118 | 0.0013 | 0.0131 |
| 89.4667 | 0.3645 | 0.0118 | 0 | 0.0118 |
| 89.5 | 0.3645 | 0 | 0.0013 | 0.0013 |
| 89.5333 | 0.3648 | 0 | 0.0013 | 0.0013 |
| 89.5667 | 0.3658 | 0.0118 | 0.0013 | 0.0131 |
| 89.6 | 0.3635 | 0.0118 | 0.0013 | 0.0131 |
| 89.6333 | 0.3641 | 0 | 0.0013 | 0.0013 |
| 89.6667 | 0.3658 | 0.0118 | 0 | 0.0118 |
| 89.7 | 0.3648 | 0.025 | 0.0013 | 0.0262 |
| 89.7333 | 0.3651 | 0 | 0.0026 | 0.0026 |
| 89.7667 | 0.3641 | 0 | 0.0013 | 0.0013 |
| 89.8 | 0.3648 | 0.025 | 0.0013 | 0.0262 |
| 89.8333 | 0.3609 | 0 | 0.0026 | 0.0026 |
| 89.8667 | 0.3635 | 0 | 0 | 0 |
| 89.9 | 0.3618 | 0.0118 | 0.0013 | 0.0131 |
| 89.9333 | 0.3635 | 0.025 | 0.0013 | 0.0262 |
| 89.9667 | 0.3635 | 0.0118 | 0.0013 | 0.0131 |
| 90 | 0.3635 | 0.025 | 0.0013 | 0.0262 |
| 90.0333 | 0.3622 | 0.0118 | 0.0013 | 0.0131 |
| 90.0667 | 0.3602 | 0.0118 | 0.0013 | 0.0131 |
| 90.1 | 0.3641 | 0 | 0.0013 | 0.0013 |
| 90.1333 | 0.3632 | 0.025 | 0.0026 | 0.0276 |
| 90.1667 | 0.3609 | 0.025 | 0 | 0.025 |
| 90.2 | 0.3605 | 0 | 0 | 0 |
| 90.2333 | 0.3638 | 0 | 0.0013 | 0.0013 |
| 90.2667 | 0.3599 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 90.3 | 0.3592 | 0.0118 | 0 | 0.0118 |
| 90.3333 | 0.3615 | 0.025 | 0 | 0.025 |
| 90.3667 | 0.3632 | 0 | 0 | 0 |
| 90.4 | 0.3609 | 0.0118 | 0.0013 | 0.0131 |
| 90.4333 | 0.3599 | 0.0118 | 0.0013 | 0.0131 |
| 90.4667 | 0.3628 | 0.0118 | 0 | 0.0118 |
| 90.5 | 0.3632 | 0 | 0.0013 | 0.0013 |
| 90.5333 | 0.3589 | 0.0118 | 0.0013 | 0.0131 |
| 90.5667 | 0.3586 | 0.0118 | 0 | 0.0118 |
| 90.6 | 0.3602 | 0.0118 | 0.0013 | 0.0131 |
| 90.6333 | 0.3602 | 0 | 0.0026 | 0.0026 |
| 90.6667 | 0.3612 | 0 | 0 | 0 |
| 90.7 | 0.3602 | 0 | 0.0013 | 0.0013 |
| 90.7333 | 0.3602 | 0.0118 | 0.0013 | 0.0131 |
| 90.7667 | 0.3622 | 0.025 | 0 | 0.025 |
| 90.8 | 0.3589 | 0.025 | 0.0013 | 0.0262 |
| 90.8333 | 0.3622 | 0 | 0.0013 | 0.0013 |
| 90.8667 | 0.3579 | 0.025 | 0.0013 | 0.0262 |
| 90.9 | 0.3618 | 0 | 0.0013 | 0.0013 |
| 90.9333 | 0.3582 | 0.0118 | 0 | 0.0118 |
| 90.9667 | 0.3609 | 0.0118 | 0.0013 | 0.0131 |
| 91 | 0.3579 | 0.0118 | 0.0013 | 0.0131 |
| 91.0333 | 0.3602 | 0.025 | 0.0013 | 0.0262 |
| 91.0667 | 0.3602 | 0.0118 | 0 | 0.0118 |
| 91.1 | 0.3592 | 0.0118 | 0.0013 | 0.0131 |
| 91.1333 | 0.3579 | 0.025 | 0.0013 | 0.0262 |
| 91.1667 | 0.3586 | 0.0118 | 0 | 0.0118 |
| 91.2 | 0.3595 | 0 | 0.0013 | 0.0013 |
| 91.2333 | 0.3602 | 0.025 | 0.0013 | 0.0262 |
| 91.2667 | 0.3592 | 0.0118 | 0 | 0.0118 |
| 91.3 | 0.3576 | 0 | 0 | 0 |
| 91.3333 | 0.3609 | 0 | 0.0013 | 0.0013 |
| 91.3667 | 0.3589 | 0 | 0 | 0 |
| 91.4 | 0.3609 | 0.0118 | 0.0013 | 0.0131 |
| 91.4333 | 0.3579 | 0.0118 | 0.0013 | 0.0131 |
| 91.4667 | 0.3576 | 0.0118 | 0.0013 | 0.0131 |
| 91.5 | 0.3576 | 0.0118 | 0 | 0.0118 |
| 91.5333 | 0.3595 | 0.0118 | 0.0013 | 0.0131 |
| 91.5667 | 0.3576 | 0.0118 | 0 | 0.0118 |
| 91.6 | 0.3562 | 0.025 | 0 | 0.025 |
| 91.6333 | 0.3572 | 0 | 0.0013 | 0.0013 |
| 91.6667 | 0.3566 | 0.0118 | 0 | 0.0118 |
| 91.7 | 0.3599 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 91.7333 | 0.3586 | 0.0118 | 0 | 0.0118 |
| 91.7667 | 0.3602 | 0 | 0 | 0 |
| 91.8 | 0.3549 | 0.0118 | 0.0026 | 0.0144 |
| 91.8333 | 0.3609 | 0 | 0.0013 | 0.0013 |
| 91.8667 | 0.3595 | 0.0118 | 0 | 0.0118 |
| 91.9 | 0.3569 | 0 | 0 | 0 |
| 91.9333 | 0.3566 | 0 | 0.0013 | 0.0013 |
| 91.9667 | 0.3579 | 0 | 0 | 0 |
| 92 | 0.3562 | 0.0118 | 0 | 0.0118 |
| 92.0333 | 0.3595 | 0.0118 | 0 | 0.0118 |
| 92.0667 | 0.3536 | 0 | 0.0026 | 0.0026 |
| 92.1 | 0.3562 | 0 | 0 | 0 |
| 92.1333 | 0.3549 | 0.0118 | 0.0039 | 0.0157 |
| 92.1667 | 0.3566 | 0.0118 | 0.0013 | 0.0131 |
| 92.2 | 0.3572 | 0 | 0.0026 | 0.0026 |
| 92.2333 | 0.3566 | 0 | 0 | 0 |
| 92.2667 | 0.3562 | 0.0118 | 0 | 0.0118 |
| 92.3 | 0.3562 | 0.0118 | 0.0013 | 0.0131 |
| 92.3333 | 0.3549 | 0.0118 | 0.0013 | 0.0131 |
| 92.3667 | 0.3559 | 0.025 | 0.0026 | 0.0276 |
| 92.4 | 0.3546 | 0.025 | 0.0013 | 0.0262 |
| 92.4333 | 0.3569 | 0.025 | 0.0039 | 0.0289 |
| 92.4667 | 0.3586 | 0.0118 | 0.0013 | 0.0131 |
| 92.5 | 0.3543 | 0 | 0 | 0 |
| 92.5333 | 0.3569 | 0.0118 | 0.0013 | 0.0131 |
| 92.5667 | 0.3543 | 0.0118 | 0.0013 | 0.0131 |
| 92.6 | 0.3559 | 0 | 0.0026 | 0.0026 |
| 92.6333 | 0.3553 | 0.0118 | 0.0013 | 0.0131 |
| 92.6667 | 0.3579 | 0 | 0.0013 | 0.0013 |
| 92.7 | 0.353 | 0.0118 | 0 | 0.0118 |
| 92.7333 | 0.3533 | 0.0118 | 0.0013 | 0.0131 |
| 92.7667 | 0.3566 | 0.0118 | 0 | 0.0118 |
| 92.8 | 0.3562 | 0.0118 | 0.0013 | 0.0131 |
| 92.8333 | 0.3549 | 0 | 0.0013 | 0.0013 |
| 92.8667 | 0.3553 | 0.0118 | 0 | 0.0118 |
| 92.9 | 0.3543 | 0.0381 | 0.0013 | 0.0394 |
| 92.9333 | 0.3566 | 0.0118 | 0 | 0.0118 |
| 92.9667 | 0.3569 | 0 | 0 | 0 |
| 93 | 0.3549 | 0.0118 | 0.0013 | 0.0131 |
| 93.0333 | 0.3543 | 0 | 0 | 0 |
| 93.0667 | 0.3549 | 0 | 0 | 0 |
| 93.1 | 0.3536 | 0.0118 | 0.0013 | 0.0131 |
| 93.1333 | 0.3569 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 93.1667 | 0.3546 | 0.025 | 0 | 0.025 |
| 93.2 | 0.3553 | 0.0118 | 0.0013 | 0.0131 |
| 93.2333 | 0.3536 | 0 | 0.0013 | 0.0013 |
| 93.2667 | 0.352 | 0 | 0.0013 | 0.0013 |
| 93.3 | 0.3526 | 0 | 0.0026 | 0.0026 |
| 93.3333 | 0.3539 | 0 | 0 | 0 |
| 93.3667 | 0.3559 | 0 | 0.0013 | 0.0013 |
| 93.4 | 0.3546 | 0 | 0.0013 | 0.0013 |
| 93.4333 | 0.3539 | 0 | 0 | 0 |
| 93.4667 | 0.3539 | 0.025 | 0 | 0.025 |
| 93.5 | 0.3507 | 0.0118 | 0 | 0.0118 |
| 93.5333 | 0.3536 | 0.0118 | 0 | 0.0118 |
| 93.5667 | 0.3523 | 0 | 0 | 0 |
| 93.6 | 0.351 | 0.0118 | 0.0026 | 0.0144 |
| 93.6333 | 0.3526 | 0 | 0.0013 | 0.0013 |
| 93.6667 | 0.3546 | 0 | 0 | 0 |
| 93.7 | 0.3546 | 0.025 | 0.0013 | 0.0262 |
| 93.7333 | 0.3536 | 0 | 0.0013 | 0.0013 |
| 93.7667 | 0.3562 | 0.025 | 0.0026 | 0.0276 |
| 93.8 | 0.3507 | 0 | 0 | 0 |
| 93.8333 | 0.3539 | 0.0118 | 0 | 0.0118 |
| 93.8667 | 0.3523 | 0.0118 | 0.0039 | 0.0157 |
| 93.9 | 0.3543 | 0 | 0 | 0 |
| 93.9333 | 0.3523 | 0 | 0 | 0 |
| 93.9667 | 0.3523 | 0 | 0.0013 | 0.0013 |
| 94 | 0.351 | 0.025 | 0 | 0.025 |
| 94.0333 | 0.3559 | 0.0118 | 0 | 0.0118 |
| 94.0667 | 0.3497 | 0.0118 | 0.0026 | 0.0144 |
| 94.1 | 0.3556 | 0 | 0.0013 | 0.0013 |
| 94.1333 | 0.3513 | 0 | 0.0013 | 0.0013 |
| 94.1667 | 0.3546 | 0.0118 | 0 | 0.0118 |
| 94.2 | 0.352 | 0.0118 | 0 | 0.0118 |
| 94.2333 | 0.3503 | 0 | 0 | 0 |
| 94.2667 | 0.3523 | 0.0118 | 0.0013 | 0.0131 |
| 94.3 | 0.3543 | 0.0118 | 0 | 0.0118 |
| 94.3333 | 0.3507 | 0.0118 | 0 | 0.0118 |
| 94.3667 | 0.3507 | 0 | 0.0026 | 0.0026 |
| 94.4 | 0.3513 | 0 | 0 | 0 |
| 94.4333 | 0.3507 | 0.025 | 0.0013 | 0.0262 |
| 94.4667 | 0.3503 | 0 | 0.0013 | 0.0013 |
| 94.5 | 0.3503 | 0.0118 | 0.0026 | 0.0144 |
| 94.5333 | 0.3516 | 0 | 0.0013 | 0.0013 |
| 94.5667 | 0.3503 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 94.6 | 0.3503 | 0 | 0.0026 | 0.0026 |
| 94.6333 | 0.351 | 0.025 | 0 | 0.025 |
| 94.6667 | 0.3493 | 0.0118 | 0 | 0.0118 |
| 94.7 | 0.3497 | 0.025 | 0 | 0.025 |
| 94.7333 | 0.348 | 0.025 | 0 | 0.025 |
| 94.7667 | 0.3503 | 0 | 0.0013 | 0.0013 |
| 94.8 | 0.35 | 0.0118 | 0.0013 | 0.0131 |
| 94.8333 | 0.35 | 0.0118 | 0.0013 | 0.0131 |
| 94.8667 | 0.35 | 0 | 0 | 0 |
| 94.9 | 0.3513 | 0.0118 | 0.0013 | 0.0131 |
| 94.9333 | 0.35 | 0 | 0.0013 | 0.0013 |
| 94.9667 | 0.348 | 0.0118 | 0 | 0.0118 |
| 95 | 0.3497 | 0.0118 | 0 | 0.0118 |
| 95.0333 | 0.351 | 0 | 0 | 0 |
| 95.0667 | 0.3487 | 0 | 0 | 0 |
| 95.1 | 0.349 | 0.0381 | 0.0013 | 0.0394 |
| 95.1333 | 0.348 | 0.0118 | 0.0013 | 0.0131 |
| 95.1667 | 0.349 | 0.0118 | 0.0013 | 0.0131 |
| 95.2 | 0.3497 | 0.0381 | 0.0026 | 0.0407 |
| 95.2333 | 0.35 | 0.0118 | 0.0013 | 0.0131 |
| 95.2667 | 0.347 | 0.0118 | 0 | 0.0118 |
| 95.3 | 0.3503 | 0.0118 | 0.0013 | 0.0131 |
| 95.3333 | 0.3487 | 0 | 0 | 0 |
| 95.3667 | 0.3503 | 0 | 0.0013 | 0.0013 |
| 95.4 | 0.3477 | 0 | 0.0026 | 0.0026 |
| 95.4333 | 0.3497 | 0.0118 | 0.0013 | 0.0131 |
| 95.4667 | 0.35 | 0 | 0.0026 | 0.0026 |
| 95.5 | 0.3464 | 0.0118 | 0.0013 | 0.0131 |
| 95.5333 | 0.3477 | 0 | 0 | 0 |
| 95.5667 | 0.3516 | 0.0118 | 0.0026 | 0.0144 |
| 95.6 | 0.3513 | 0.0118 | 0.0013 | 0.0131 |
| 95.6333 | 0.3474 | 0 | 0 | 0 |
| 95.6667 | 0.3507 | 0 | 0.0013 | 0.0013 |
| 95.7 | 0.348 | 0 | 0.0013 | 0.0013 |
| 95.7333 | 0.35 | 0 | 0.0013 | 0.0013 |
| 95.7667 | 0.346 | 0.0118 | 0.0013 | 0.0131 |
| 95.8 | 0.349 | 0.0118 | 0 | 0.0118 |
| 95.8333 | 0.3513 | 0 | 0.0013 | 0.0013 |
| 95.8667 | 0.3477 | 0 | 0 | 0 |
| 95.9 | 0.349 | 0.0118 | 0.0013 | 0.0131 |
| 95.9333 | 0.3483 | 0.0118 | 0.0013 | 0.0131 |
| 95.9667 | 0.3487 | 0 | 0 | 0 |
| 96 | 0.3497 | 0.025 | 0 | 0.025 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 96.0333 | 0.3477 | 0 | 0.0026 | 0.0026 |
| 96.0667 | 0.348 | 0 | 0 | 0 |
| 96.1 | 0.3483 | 0.0118 | 0.0013 | 0.0131 |
| 96.1333 | 0.3493 | 0 | 0.0013 | 0.0013 |
| 96.1667 | 0.3474 | 0.025 | 0.0013 | 0.0262 |
| 96.2 | 0.3467 | 0 | 0 | 0 |
| 96.2333 | 0.3493 | 0 | 0 | 0 |
| 96.2667 | 0.3451 | 0 | 0.0013 | 0.0013 |
| 96.3 | 0.347 | 0.025 | 0.0013 | 0.0262 |
| 96.3333 | 0.3457 | 0.0118 | 0.0013 | 0.0131 |
| 96.3667 | 0.3474 | 0 | 0 | 0 |
| 96.4 | 0.3457 | 0.0118 | 0 | 0.0118 |
| 96.4333 | 0.347 | 0 | 0.0013 | 0.0013 |
| 96.4667 | 0.348 | 0 | 0.0013 | 0.0013 |
| 96.5 | 0.346 | 0.0118 | 0.0013 | 0.0131 |
| 96.5333 | 0.348 | 0.0118 | 0 | 0.0118 |
| 96.5667 | 0.3464 | 0.025 | 0.0013 | 0.0262 |
| 96.6 | 0.3437 | 0 | 0.0013 | 0.0013 |
| 96.6333 | 0.348 | 0 | 0 | 0 |
| 96.6667 | 0.3483 | 0 | 0.0013 | 0.0013 |
| 96.7 | 0.348 | 0 | 0.0013 | 0.0013 |
| 96.7333 | 0.346 | 0.0118 | 0 | 0.0118 |
| 96.7667 | 0.346 | 0.025 | 0.0013 | 0.0262 |
| 96.8 | 0.348 | 0.0118 | 0.0013 | 0.0131 |
| 96.8333 | 0.3477 | 0.025 | 0 | 0.025 |
| 96.8667 | 0.3477 | 0 | 0.0026 | 0.0026 |
| 96.9 | 0.3477 | 0.0118 | 0.0013 | 0.0131 |
| 96.9333 | 0.3477 | 0.0118 | 0.0013 | 0.0131 |
| 96.9667 | 0.3464 | 0.025 | 0.0013 | 0.0262 |
| 97 | 0.3451 | 0 | 0 | 0 |
| 97.0333 | 0.348 | 0.0118 | 0 | 0.0118 |
| 97.0667 | 0.3451 | 0 | 0.0026 | 0.0026 |
| 97.1 | 0.3451 | 0 | 0.0013 | 0.0013 |
| 97.1333 | 0.3437 | 0.0118 | 0.0013 | 0.0131 |
| 97.1667 | 0.3454 | 0 | 0.0013 | 0.0013 |
| 97.2 | 0.3474 | 0.0118 | 0 | 0.0118 |
| 97.2333 | 0.3424 | 0 | 0 | 0 |
| 97.2667 | 0.3444 | 0.0118 | 0 | 0.0118 |
| 97.3 | 0.3457 | 0.0118 | 0 | 0.0118 |
| 97.3333 | 0.3454 | 0.0118 | 0.0013 | 0.0131 |
| 97.3667 | 0.3467 | 0 | 0.0013 | 0.0013 |
| 97.4 | 0.3454 | 0 | 0.0013 | 0.0013 |
| 97.4333 | 0.3447 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 97.4667 | 0.3428 | 0 | 0 | 0 |
| 97.5 | 0.346 | 0.0118 | 0.0013 | 0.0131 |
| 97.5333 | 0.3447 | 0.0118 | 0.0013 | 0.0131 |
| 97.5667 | 0.346 | 0 | 0 | 0 |
| 97.6 | 0.3437 | 0.0118 | 0.0026 | 0.0144 |
| 97.6333 | 0.3464 | 0.0118 | 0.0026 | 0.0144 |
| 97.6667 | 0.3457 | 0.0118 | 0.0026 | 0.0144 |
| 97.7 | 0.3451 | 0.0118 | 0.0013 | 0.0131 |
| 97.7333 | 0.3451 | 0 | 0.0013 | 0.0013 |
| 97.7667 | 0.3457 | 0.0118 | 0 | 0.0118 |
| 97.8 | 0.3444 | 0.025 | 0 | 0.025 |
| 97.8333 | 0.3447 | 0.0118 | 0.0013 | 0.0131 |
| 97.8667 | 0.3431 | 0 | 0.0013 | 0.0013 |
| 97.9 | 0.3467 | 0.025 | 0 | 0.025 |
| 97.9333 | 0.3444 | 0 | 0.0013 | 0.0013 |
| 97.9667 | 0.3451 | 0.0118 | 0 | 0.0118 |
| 98 | 0.3457 | 0 | 0 | 0 |
| 98.0333 | 0.3444 | 0 | 0 | 0 |
| 98.0667 | 0.3411 | 0 | 0.0013 | 0.0013 |
| 98.1 | 0.3428 | 0.0118 | 0 | 0.0118 |
| 98.1333 | 0.3434 | 0.0118 | 0 | 0.0118 |
| 98.1667 | 0.3411 | 0.0118 | 0.0013 | 0.0131 |
| 98.2 | 0.3428 | 0.0118 | 0 | 0.0118 |
| 98.2333 | 0.3454 | 0 | 0 | 0 |
| 98.2667 | 0.3421 | 0 | 0.0013 | 0.0013 |
| 98.3 | 0.3414 | 0.0118 | 0.0013 | 0.0131 |
| 98.3333 | 0.3421 | 0.0118 | 0 | 0.0118 |
| 98.3667 | 0.3441 | 0.0118 | 0.0013 | 0.0131 |
| 98.4 | 0.3424 | 0.0118 | 0.0013 | 0.0131 |
| 98.4333 | 0.3451 | 0.0118 | 0.0026 | 0.0144 |
| 98.4667 | 0.3398 | 0.0118 | 0.0026 | 0.0144 |
| 98.5 | 0.3404 | 0 | 0.0026 | 0.0026 |
| 98.5333 | 0.3434 | 0.025 | 0 | 0.025 |
| 98.5667 | 0.3428 | 0 | 0 | 0 |
| 98.6 | 0.3418 | 0.0118 | 0 | 0.0118 |
| 98.6333 | 0.3431 | 0.025 | 0 | 0.025 |
| 98.6667 | 0.3418 | 0.0118 | 0.0013 | 0.0131 |
| 98.7 | 0.3421 | 0 | 0.0026 | 0.0026 |
| 98.7333 | 0.3428 | 0.0118 | 0 | 0.0118 |
| 98.7667 | 0.3418 | 0.0118 | 0 | 0.0118 |
| 98.8 | 0.3434 | 0.025 | 0.0013 | 0.0262 |
| 98.8333 | 0.3411 | 0.0118 | 0.0013 | 0.0131 |
| 98.8667 | 0.3434 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 98.9 | 0.3421 | 0.025 | 0.0013 | 0.0262 |
| 98.9333 | 0.3428 | 0 | 0.0026 | 0.0026 |
| 98.9667 | 0.3428 | 0.0118 | 0.0013 | 0.0131 |
| 99 | 0.3401 | 0.0118 | 0 | 0.0118 |
| 99.0333 | 0.3421 | 0 | 0.0013 | 0.0013 |
| 99.0667 | 0.3444 | 0 | 0 | 0 |
| 99.1 | 0.3404 | 0 | 0 | 0 |
| 99.1333 | 0.3441 | 0.0118 | 0 | 0.0118 |
| 99.1667 | 0.3401 | 0.0118 | 0.0026 | 0.0144 |
| 99.2 | 0.3437 | 0 | 0.0013 | 0.0013 |
| 99.2333 | 0.3395 | 0 | 0 | 0 |
| 99.2667 | 0.3411 | 0.0118 | 0.0013 | 0.0131 |
| 99.3 | 0.3411 | 0 | 0 | 0 |
| 99.3333 | 0.3421 | 0.0118 | 0 | 0.0118 |
| 99.3667 | 0.3441 | 0 | 0.0013 | 0.0013 |
| 99.4 | 0.3411 | 0 | 0 | 0 |
| 99.4333 | 0.3431 | 0.0118 | 0.0013 | 0.0131 |
| 99.4667 | 0.3418 | 0 | 0 | 0 |
| 99.5 | 0.3388 | 0.0118 | 0 | 0.0118 |
| 99.5333 | 0.3437 | 0.0118 | 0 | 0.0118 |
| 99.5667 | 0.3428 | 0.0118 | 0 | 0.0118 |
| 99.6 | 0.3391 | 0.025 | 0.0013 | 0.0262 |
| 99.6333 | 0.3408 | 0.0381 | 0 | 0.0381 |
| 99.6667 | 0.3428 | 0.025 | 0 | 0.025 |
| 99.7 | 0.3391 | 0.025 | 0.0013 | 0.0262 |
| 99.7333 | 0.3428 | 0.0118 | 0 | 0.0118 |
| 99.7667 | 0.3431 | 0 | 0.0013 | 0.0013 |
| 99.8 | 0.3444 | 0 | 0 | 0 |
| 99.8333 | 0.3378 | 0.025 | 0.0013 | 0.0262 |
| 99.8667 | 0.3418 | 0.025 | 0 | 0.025 |
| 99.9 | 0.3398 | 0.0118 | 0.0013 | 0.0131 |
| 99.9333 | 0.3395 | 0 | 0 | 0 |
| 99.9667 | 0.3414 | 0.0118 | 0 | 0.0118 |
| 100 | 0.3437 | 0.025 | 0 | 0.025 |
| 100.0333 | 0.3395 | 0 | 0.0013 | 0.0013 |
| 100.0667 | 0.3398 | 0.0118 | 0 | 0.0118 |
| 100.1 | 0.3418 | 0 | 0 | 0 |
| 100.1333 | 0.3401 | 0 | 0 | 0 |
| 100.1667 | 0.3395 | 0.0118 | 0.0013 | 0.0131 |
| 100.2 | 0.3391 | 0.0118 | 0 | 0.0118 |
| 100.2333 | 0.3411 | 0 | 0.0026 | 0.0026 |
| 100.2667 | 0.3388 | 0.0118 | 0 | 0.0118 |
| 100.3 | 0.3411 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 100.3333 | 0.3444 | 0 | 0 | 0 |
| 100.3667 | 0.3398 | 0.0118 | 0 | 0.0118 |
| 100.4 | 0.3408 | 0.025 | 0.0013 | 0.0262 |
| 100.4333 | 0.3411 | 0.0118 | 0 | 0.0118 |
| 100.4667 | 0.3401 | 0 | 0.0026 | 0.0026 |
| 100.5 | 0.3418 | 0.0118 | 0.0013 | 0.0131 |
| 100.5333 | 0.3424 | 0.025 | 0.0026 | 0.0276 |
| 100.5667 | 0.3418 | 0.0118 | 0.0013 | 0.0131 |
| 100.6 | 0.3447 | 0 | 0.0026 | 0.0026 |
| 100.6333 | 0.3428 | 0 | 0.0013 | 0.0013 |
| 100.6667 | 0.3431 | 0 | 0.0013 | 0.0013 |
| 100.7 | 0.3421 | 0 | 0.0013 | 0.0013 |
| 100.7333 | 0.3431 | 0.0118 | 0 | 0.0118 |
| 100.7667 | 0.3414 | 0.0118 | 0.0013 | 0.0131 |
| 100.8 | 0.3444 | 0.025 | 0 | 0.025 |
| 100.8333 | 0.3431 | 0.0118 | 0 | 0.0118 |
| 100.8667 | 0.3418 | 0.0118 | 0.0013 | 0.0131 |
| 100.9 | 0.3454 | 0 | 0 | 0 |
| 100.9333 | 0.3428 | 0.0118 | 0.0013 | 0.0131 |
| 100.9667 | 0.3457 | 0 | 0.0026 | 0.0026 |
| 101 | 0.3401 | 0 | 0.0013 | 0.0013 |
| 101.0333 | 0.3424 | 0 | 0 | 0 |
| 101.0667 | 0.3437 | 0 | 0.0013 | 0.0013 |
| 101.1 | 0.3431 | 0.0118 | 0.0013 | 0.0131 |
| 101.1333 | 0.3431 | 0.0118 | 0.0013 | 0.0131 |
| 101.1667 | 0.3431 | 0 | 0 | 0 |
| 101.2 | 0.3421 | 0 | 0.0026 | 0.0026 |
| 101.2333 | 0.3441 | 0.0118 | 0.0013 | 0.0131 |
| 101.2667 | 0.3451 | 0.0118 | 0.0026 | 0.0144 |
| 101.3 | 0.3431 | 0.0118 | 0.0013 | 0.0131 |
| 101.3333 | 0.3457 | 0.0118 | 0 | 0.0118 |
| 101.3667 | 0.3447 | 0 | 0.0013 | 0.0013 |
| 101.4 | 0.3457 | 0.0118 | 0.0013 | 0.0131 |
| 101.4333 | 0.3444 | 0.0118 | 0.0026 | 0.0144 |
| 101.4667 | 0.3431 | 0 | 0.0013 | 0.0013 |
| 101.5 | 0.3451 | 0 | 0.0026 | 0.0026 |
| 101.5333 | 0.3447 | 0 | 0 | 0 |
| 101.5667 | 0.3477 | 0.0118 | 0 | 0.0118 |
| 101.6 | 0.3431 | 0 | 0.0013 | 0.0013 |
| 101.6333 | 0.3464 | 0.0118 | 0.0013 | 0.0131 |
| 101.6667 | 0.346 | 0 | 0.0013 | 0.0013 |
| 101.7 | 0.3441 | 0.0118 | 0.0013 | 0.0131 |
| 101.7333 | 0.347 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 101.7667 | 0.3424 | 0.0118 | 0 | 0.0118 |
| 101.8 | 0.3477 | 0 | 0 | 0 |
| 101.8333 | 0.3467 | 0.0118 | 0 | 0.0118 |
| 101.8667 | 0.3464 | 0 | 0 | 0 |
| 101.9 | 0.349 | 0.0118 | 0.0013 | 0.0131 |
| 101.9333 | 0.348 | 0 | 0.0013 | 0.0013 |
| 101.9667 | 0.3497 | 0.0118 | 0.0013 | 0.0131 |
| 102 | 0.3497 | 0.0118 | 0.0013 | 0.0131 |
| 102.0333 | 0.3493 | 0.0118 | 0 | 0.0118 |
| 102.0667 | 0.3493 | 0.025 | 0.0026 | 0.0276 |
| 102.1 | 0.3513 | 0 | 0 | 0 |
| 102.1333 | 0.348 | 0.0118 | 0.0013 | 0.0131 |
| 102.1667 | 0.3507 | 0.0118 | 0.0026 | 0.0144 |
| 102.2 | 0.351 | 0 | 0 | 0 |
| 102.2333 | 0.3493 | 0 | 0 | 0 |
| 102.2667 | 0.3503 | 0.025 | 0.0013 | 0.0262 |
| 102.3 | 0.3497 | 0 | 0.0013 | 0.0013 |
| 102.3333 | 0.352 | 0.0118 | 0 | 0.0118 |
| 102.3667 | 0.3523 | 0.0118 | 0.0013 | 0.0131 |
| 102.4 | 0.3526 | 0 | 0 | 0 |
| 102.4333 | 0.3513 | 0.0118 | 0 | 0.0118 |
| 102.4667 | 0.353 | 0 | 0 | 0 |
| 102.5 | 0.3497 | 0 | 0.0013 | 0.0013 |
| 102.5333 | 0.352 | 0.025 | 0.0013 | 0.0262 |
| 102.5667 | 0.3536 | 0.0118 | 0.0013 | 0.0131 |
| 102.6 | 0.3523 | 0 | 0.0026 | 0.0026 |
| 102.6333 | 0.3536 | 0 | 0 | 0 |
| 102.6667 | 0.3513 | 0.0118 | 0.0013 | 0.0131 |
| 102.7 | 0.3549 | 0 | 0.0013 | 0.0013 |
| 102.7333 | 0.3576 | 0.0118 | 0 | 0.0118 |
| 102.7667 | 0.3579 | 0 | 0.0013 | 0.0013 |
| 102.8 | 0.3556 | 0.0118 | 0.0026 | 0.0144 |
| 102.8333 | 0.3576 | 0 | 0.0013 | 0.0013 |
| 102.8667 | 0.3559 | 0.0118 | 0 | 0.0118 |
| 102.9 | 0.3569 | 0 | 0.0013 | 0.0013 |
| 102.9333 | 0.3586 | 0 | 0 | 0 |
| 102.9667 | 0.3556 | 0.025 | 0 | 0.025 |
| 103 | 0.3569 | 0 | 0.0013 | 0.0013 |
| 103.0333 | 0.3586 | 0 | 0.0013 | 0.0013 |
| 103.0667 | 0.3576 | 0.0118 | 0.0013 | 0.0131 |
| 103.1 | 0.3589 | 0.0118 | 0.0013 | 0.0131 |
| 103.1333 | 0.3569 | 0 | 0 | 0 |
| 103.1667 | 0.3605 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 103.2 | 0.3579 | 0.0118 | 0 | 0.0118 |
| 103.2333 | 0.3615 | 0.0118 | 0.0013 | 0.0131 |
| 103.2667 | 0.3602 | 0 | 0 | 0 |
| 103.3 | 0.3638 | 0.0118 | 0.0013 | 0.0131 |
| 103.3333 | 0.3625 | 0 | 0 | 0 |
| 103.3667 | 0.3648 | 0.0118 | 0 | 0.0118 |
| 103.4 | 0.3605 | 0 | 0 | 0 |
| 103.4333 | 0.3655 | 0.025 | 0 | 0.025 |
| 103.4667 | 0.3655 | 0 | 0.0026 | 0.0026 |
| 103.5 | 0.3651 | 0.0118 | 0 | 0.0118 |
| 103.5333 | 0.3658 | 0.0118 | 0 | 0.0118 |
| 103.5667 | 0.3638 | 0.0118 | 0.0026 | 0.0144 |
| 103.6 | 0.3655 | 0.0118 | 0.0013 | 0.0131 |
| 103.6333 | 0.3638 | 0.0118 | 0.0013 | 0.0131 |
| 103.6667 | 0.3645 | 0.0118 | 0.0026 | 0.0144 |
| 103.7 | 0.3655 | 0 | 0.0013 | 0.0013 |
| 103.7333 | 0.3671 | 0 | 0 | 0 |
| 103.7667 | 0.3671 | 0 | 0 | 0 |
| 103.8 | 0.3668 | 0.0118 | 0 | 0.0118 |
| 103.8333 | 0.3645 | 0 | 0.0013 | 0.0013 |
| 103.8667 | 0.3622 | 0 | 0 | 0 |
| 103.9 | 0.3697 | 0.0118 | 0.0026 | 0.0144 |
| 103.9333 | 0.3661 | 0.0118 | 0 | 0.0118 |
| 103.9667 | 0.3694 | 0.0118 | 0.0013 | 0.0131 |
| 104 | 0.3688 | 0 | 0.0013 | 0.0013 |
| 104.0333 | 0.3681 | 0.0118 | 0.0039 | 0.0157 |
| 104.0667 | 0.3691 | 0 | 0.0013 | 0.0013 |
| 104.1 | 0.3691 | 0 | 0 | 0 |
| 104.1333 | 0.3691 | 0.025 | 0.0026 | 0.0276 |
| 104.1667 | 0.3717 | 0.0118 | 0 | 0.0118 |
| 104.2 | 0.3711 | 0.0118 | 0.0026 | 0.0144 |
| 104.2333 | 0.3694 | 0 | 0 | 0 |
| 104.2667 | 0.3691 | 0.0118 | 0.0026 | 0.0144 |
| 104.3 | 0.3701 | 0 | 0 | 0 |
| 104.3333 | 0.3697 | 0.0118 | 0 | 0.0118 |
| 104.3667 | 0.3707 | 0.0118 | 0 | 0.0118 |
| 104.4 | 0.3694 | 0.0118 | 0 | 0.0118 |
| 104.4333 | 0.3714 | 0.0118 | 0 | 0.0118 |
| 104.4667 | 0.3717 | 0.0118 | 0.0013 | 0.0131 |
| 104.5 | 0.3714 | 0 | 0 | 0 |
| 104.5333 | 0.3727 | 0.025 | 0.0013 | 0.0262 |
| 104.5667 | 0.3707 | 0 | 0.0013 | 0.0013 |
| 104.6 | 0.3688 | 0.0118 | 0.0026 | 0.0144 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 104.6333 | 0.3688 | 0 | 0 | 0 |
| 104.6667 | 0.3701 | 0.0118 | 0.0013 | 0.0131 |
| 104.7 | 0.3714 | 0 | 0.0013 | 0.0013 |
| 104.7333 | 0.3714 | 0 | 0 | 0 |
| 104.7667 | 0.3734 | 0.0118 | 0.0013 | 0.0131 |
| 104.8 | 0.3714 | 0.0118 | 0.0013 | 0.0131 |
| 104.8333 | 0.3714 | 0.025 | 0 | 0.025 |
| 104.8667 | 0.372 | 0.025 | 0.0013 | 0.0262 |
| 104.9 | 0.3707 | 0 | 0.0013 | 0.0013 |
| 104.9333 | 0.3727 | 0.0118 | 0 | 0.0118 |
| 104.9667 | 0.3704 | 0.0118 | 0 | 0.0118 |
| 105 | 0.3717 | 0 | 0 | 0 |
| 105.0333 | 0.3697 | 0 | 0.0013 | 0.0013 |
| 105.0667 | 0.3691 | 0.025 | 0.0013 | 0.0262 |
| 105.1 | 0.3724 | 0.0118 | 0 | 0.0118 |
| 105.1333 | 0.3737 | 0.0118 | 0.0013 | 0.0131 |
| 105.1667 | 0.372 | 0.0118 | 0.0013 | 0.0131 |
| 105.2 | 0.3727 | 0.0118 | 0.0026 | 0.0144 |
| 105.2333 | 0.3763 | 0 | 0.0013 | 0.0013 |
| 105.2667 | 0.3707 | 0 | 0.0026 | 0.0026 |
| 105.3 | 0.3737 | 0.0118 | 0.0026 | 0.0144 |
| 105.3333 | 0.3727 | 0 | 0.0026 | 0.0026 |
| 105.3667 | 0.3734 | 0.0118 | 0.0013 | 0.0131 |
| 105.4 | 0.3711 | 0.0118 | 0.0026 | 0.0144 |
| 105.4333 | 0.3747 | 0.0118 | 0.0013 | 0.0131 |
| 105.4667 | 0.3714 | 0.0118 | 0.0013 | 0.0131 |
| 105.5 | 0.3727 | 0.025 | 0 | 0.025 |
| 105.5333 | 0.3727 | 0 | 0.0013 | 0.0013 |
| 105.5667 | 0.3727 | 0 | 0.0013 | 0.0013 |
| 105.6 | 0.3727 | 0.0118 | 0.0013 | 0.0131 |
| 105.6333 | 0.3743 | 0 | 0.0013 | 0.0013 |
| 105.6667 | 0.3727 | 0.025 | 0 | 0.025 |
| 105.7 | 0.374 | 0.025 | 0 | 0.025 |
| 105.7333 | 0.3727 | 0 | 0.0013 | 0.0013 |
| 105.7667 | 0.3714 | 0.0118 | 0 | 0.0118 |
| 105.8 | 0.3737 | 0 | 0 | 0 |
| 105.8333 | 0.3753 | 0 | 0.0013 | 0.0013 |
| 105.8667 | 0.3783 | 0.0118 | 0 | 0.0118 |
| 105.9 | 0.3803 | 0 | 0.0026 | 0.0026 |
| 105.9333 | 0.3829 | 0.025 | 0.0026 | 0.0276 |
| 105.9667 | 0.3882 | 0 | 0.0013 | 0.0013 |
| 106 | 0.3931 | 0.0118 | 0 | 0.0118 |
| 106.0333 | 0.3964 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 106.0667 | 0.3994 | 0.025 | 0 | 0.025 |
| 106.1 | 0.404 | 0.0118 | 0.0013 | 0.0131 |
| 106.1333 | 0.4083 | 0 | 0.0013 | 0.0013 |
| 106.1667 | 0.4112 | 0 | 0.0013 | 0.0013 |
| 106.2 | 0.4142 | 0 | 0 | 0 |
| 106.2333 | 0.4194 | 0.0118 | 0 | 0.0118 |
| 106.2667 | 0.4204 | 0 | 0 | 0 |
| 106.3 | 0.4254 | 0.0118 | 0.0013 | 0.0131 |
| 106.3333 | 0.4287 | 0.0118 | 0.0013 | 0.0131 |
| 106.3667 | 0.4319 | 0.0118 | 0 | 0.0118 |
| 106.4 | 0.4369 | 0 | 0.0013 | 0.0013 |
| 106.4333 | 0.4375 | 0.0118 | 0.0026 | 0.0144 |
| 106.4667 | 0.4431 | 0.0118 | 0 | 0.0118 |
| 106.5 | 0.4451 | 0.0118 | 0 | 0.0118 |
| 106.5333 | 0.4468 | 0.0118 | 0 | 0.0118 |
| 106.5667 | 0.4501 | 0.025 | 0.0013 | 0.0262 |
| 106.6 | 0.4556 | 0 | 0 | 0 |
| 106.6333 | 0.4583 | 0.0118 | 0.0013 | 0.0131 |
| 106.6667 | 0.4609 | 0 | 0 | 0 |
| 106.7 | 0.4619 | 0 | 0.0013 | 0.0013 |
| 106.7333 | 0.4642 | 0 | 0.0013 | 0.0013 |
| 106.7667 | 0.4685 | 0.025 | 0 | 0.025 |
| 106.8 | 0.4708 | 0.0118 | 0.0013 | 0.0131 |
| 106.8333 | 0.4737 | 0 | 0.0013 | 0.0013 |
| 106.8667 | 0.4737 | 0.025 | 0 | 0.025 |
| 106.9 | 0.4767 | 0.0118 | 0 | 0.0118 |
| 106.9333 | 0.4787 | 0.0118 | 0.0013 | 0.0131 |
| 106.9667 | 0.482 | 0.0118 | 0 | 0.0118 |
| 107 | 0.4849 | 0 | 0.0013 | 0.0013 |
| 107.0333 | 0.4889 | 0.0118 | 0.0013 | 0.0131 |
| 107.0667 | 0.4948 | 0.0118 | 0.0013 | 0.0131 |
| 107.1 | 0.4971 | 0 | 0.0013 | 0.0013 |
| 107.1333 | 0.4988 | 0.0118 | 0.0013 | 0.0131 |
| 107.1667 | 0.5024 | 0 | 0.0013 | 0.0013 |
| 107.2 | 0.5057 | 0.0118 | 0 | 0.0118 |
| 107.2333 | 0.5113 | 0 | 0.0013 | 0.0013 |
| 107.2667 | 0.5152 | 0 | 0.0013 | 0.0013 |
| 107.3 | 0.5132 | 0.0118 | 0 | 0.0118 |
| 107.3333 | 0.5215 | 0 | 0.0013 | 0.0013 |
| 107.3667 | 0.5234 | 0.0118 | 0.0026 | 0.0144 |
| 107.4 | 0.5244 | 0 | 0.0013 | 0.0013 |
| 107.4333 | 0.5261 | 0.0118 | 0 | 0.0118 |
| 107.4667 | 0.533 | 0.0118 | 0.0026 | 0.0144 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 107.5 | 0.5356 | 0.0118 | 0.0013 | 0.0131 |
| 107.5333 | 0.5353 | 0.0118 | 0.0026 | 0.0144 |
| 107.5667 | 0.5379 | 0.0118 | 0 | 0.0118 |
| 107.6 | 0.5389 | 0.025 | 0.0013 | 0.0262 |
| 107.6333 | 0.5458 | 0 | 0 | 0 |
| 107.6667 | 0.5468 | 0 | 0 | 0 |
| 107.7 | 0.5488 | 0 | 0 | 0 |
| 107.7333 | 0.5508 | 0 | 0 | 0 |
| 107.7667 | 0.557 | 0.0118 | 0.0013 | 0.0131 |
| 107.8 | 0.5587 | 0.0118 | 0 | 0.0118 |
| 107.8333 | 0.5606 | 0 | 0.0013 | 0.0013 |
| 107.8667 | 0.5646 | 0 | 0 | 0 |
| 107.9 | 0.5662 | 0.0118 | 0.0013 | 0.0131 |
| 107.9333 | 0.5676 | 0.0118 | 0.0013 | 0.0131 |
| 107.9667 | 0.5692 | 0 | 0 | 0 |
| 108 | 0.5725 | 0.025 | 0 | 0.025 |
| 108.0333 | 0.5778 | 0.025 | 0 | 0.025 |
| 108.0667 | 0.5797 | 0 | 0 | 0 |
| 108.1 | 0.584 | 0.0118 | 0.0013 | 0.0131 |
| 108.1333 | 0.5876 | 0.0118 | 0.0026 | 0.0144 |
| 108.1667 | 0.5866 | 0 | 0.0013 | 0.0013 |
| 108.2 | 0.588 | 0.0118 | 0.0026 | 0.0144 |
| 108.2333 | 0.5919 | 0.0118 | 0.0013 | 0.0131 |
| 108.2667 | 0.5952 | 0.0118 | 0 | 0.0118 |
| 108.3 | 0.6005 | 0.025 | 0 | 0.025 |
| 108.3333 | 0.6018 | 0.0118 | 0.0013 | 0.0131 |
| 108.3667 | 0.6064 | 0.0118 | 0 | 0.0118 |
| 108.4 | 0.607 | 0.0118 | 0 | 0.0118 |
| 108.4333 | 0.6117 | 0 | 0.0013 | 0.0013 |
| 108.4667 | 0.6153 | 0.0118 | 0.0013 | 0.0131 |
| 108.5 | 0.6146 | 0 | 0.0013 | 0.0013 |
| 108.5333 | 0.6202 | 0.0118 | 0.0013 | 0.0131 |
| 108.5667 | 0.6222 | 0 | 0.0013 | 0.0013 |
| 108.6 | 0.6225 | 0.0118 | 0.0026 | 0.0144 |
| 108.6333 | 0.6275 | 0 | 0 | 0 |
| 108.6667 | 0.6278 | 0 | 0.0013 | 0.0013 |
| 108.7 | 0.6298 | 0.0118 | 0 | 0.0118 |
| 108.7333 | 0.633 | 0.0118 | 0 | 0.0118 |
| 108.7667 | 0.633 | 0.0118 | 0 | 0.0118 |
| 108.8 | 0.6396 | 0 | 0.0013 | 0.0013 |
| 108.8333 | 0.64 | 0.0118 | 0 | 0.0118 |
| 108.8667 | 0.6403 | 0.025 | 0 | 0.025 |
| 108.9 | 0.6439 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 108.9333 | 0.6449 | 0 | 0.0026 | 0.0026 |
| 108.9667 | 0.6485 | 0.0118 | 0.0013 | 0.0131 |
| 109 | 0.6535 | 0 | 0.0013 | 0.0013 |
| 109.0333 | 0.6521 | 0 | 0 | 0 |
| 109.0667 | 0.6541 | 0.025 | 0 | 0.025 |
| 109.1 | 0.6577 | 0.025 | 0.0013 | 0.0262 |
| 109.1333 | 0.6604 | 0.0118 | 0 | 0.0118 |
| 109.1667 | 0.6633 | 0 | 0.0026 | 0.0026 |
| 109.2 | 0.6637 | 0.0118 | 0 | 0.0118 |
| 109.2333 | 0.6663 | 0 | 0.0013 | 0.0013 |
| 109.2667 | 0.6673 | 0.0118 | 0 | 0.0118 |
| 109.3 | 0.6689 | 0.025 | 0.0013 | 0.0262 |
| 109.3333 | 0.6725 | 0.0118 | 0 | 0.0118 |
| 109.3667 | 0.6762 | 0.0118 | 0 | 0.0118 |
| 109.4 | 0.6765 | 0.0118 | 0 | 0.0118 |
| 109.4333 | 0.6778 | 0.0118 | 0.0013 | 0.0131 |
| 109.4667 | 0.6814 | 0.0118 | 0.0026 | 0.0144 |
| 109.5 | 0.6854 | 0 | 0.0026 | 0.0026 |
| 109.5333 | 0.6827 | 0.0118 | 0 | 0.0118 |
| 109.5667 | 0.6867 | 0.0118 | 0.0013 | 0.0131 |
| 109.6 | 0.6897 | 0.0118 | 0.0013 | 0.0131 |
| 109.6333 | 0.69 | 0.0118 | 0 | 0.0118 |
| 109.6667 | 0.6916 | 0.0118 | 0 | 0.0118 |
| 109.7 | 0.69 | 0 | 0.0013 | 0.0013 |
| 109.7333 | 0.692 | 0.025 | 0.0026 | 0.0276 |
| 109.7667 | 0.6956 | 0.0118 | 0 | 0.0118 |
| 109.8 | 0.6966 | 0 | 0 | 0 |
| 109.8333 | 0.6989 | 0 | 0 | 0 |
| 109.8667 | 0.7005 | 0 | 0.0026 | 0.0026 |
| 109.9 | 0.6999 | 0.025 | 0.0013 | 0.0262 |
| 109.9333 | 0.7055 | 0.0118 | 0.0013 | 0.0131 |
| 109.9667 | 0.7041 | 0 | 0.0013 | 0.0013 |
| 110 | 0.7058 | 0.0118 | 0.0013 | 0.0131 |
| 110.0333 | 0.7071 | 0.025 | 0.0013 | 0.0262 |
| 110.0667 | 0.7081 | 0 | 0.0013 | 0.0013 |
| 110.1 | 0.7097 | 0 | 0 | 0 |
| 110.1333 | 0.7084 | 0.0118 | 0 | 0.0118 |
| 110.1667 | 0.7091 | 0.0118 | 0 | 0.0118 |
| 110.2 | 0.714 | 0 | 0.0013 | 0.0013 |
| 110.2333 | 0.715 | 0 | 0.0013 | 0.0013 |
| 110.2667 | 0.7147 | 0.0118 | 0 | 0.0118 |
| 110.3 | 0.7147 | 0.0118 | 0 | 0.0118 |
| 110.3333 | 0.7147 | 0.0381 | 0.0026 | 0.0407 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 110.3667 | 0.7176 | 0 | 0 | 0 |
| 110.4 | 0.717 | 0 | 0 | 0 |
| 110.4333 | 0.7213 | 0.0118 | 0 | 0.0118 |
| 110.4667 | 0.7222 | 0 | 0.0026 | 0.0026 |
| 110.5 | 0.7226 | 0.0381 | 0 | 0.0381 |
| 110.5333 | 0.7269 | 0 | 0.0013 | 0.0013 |
| 110.5667 | 0.7245 | 0 | 0.0013 | 0.0013 |
| 110.6 | 0.7265 | 0 | 0.0013 | 0.0013 |
| 110.6333 | 0.7295 | 0.0118 | 0 | 0.0118 |
| 110.6667 | 0.7282 | 0.0118 | 0.0026 | 0.0144 |
| 110.7 | 0.7288 | 0.0118 | 0.0013 | 0.0131 |
| 110.7333 | 0.7285 | 0.0118 | 0.0013 | 0.0131 |
| 110.7667 | 0.7285 | 0.0118 | 0.0013 | 0.0131 |
| 110.8 | 0.7328 | 0 | 0 | 0 |
| 110.8333 | 0.7308 | 0.0118 | 0.0026 | 0.0144 |
| 110.8667 | 0.7344 | 0.025 | 0.0026 | 0.0276 |
| 110.9 | 0.7348 | 0 | 0.0026 | 0.0026 |
| 110.9333 | 0.7318 | 0.0118 | 0 | 0.0118 |
| 110.9667 | 0.7341 | 0.025 | 0.0013 | 0.0262 |
| 111 | 0.738 | 0.0118 | 0 | 0.0118 |
| 111.0333 | 0.7364 | 0 | 0.0013 | 0.0013 |
| 111.0667 | 0.7374 | 0.0118 | 0 | 0.0118 |
| 111.1 | 0.7361 | 0 | 0.0013 | 0.0013 |
| 111.1333 | 0.7387 | 0 | 0 | 0 |
| 111.1667 | 0.7417 | 0.0118 | 0.0026 | 0.0144 |
| 111.2 | 0.7397 | 0 | 0.0013 | 0.0013 |
| 111.2333 | 0.7354 | 0.0118 | 0 | 0.0118 |
| 111.2667 | 0.7371 | 0.0118 | 0.0013 | 0.0131 |
| 111.3 | 0.7397 | 0.0118 | 0 | 0.0118 |
| 111.3333 | 0.7387 | 0.0118 | 0.0013 | 0.0131 |
| 111.3667 | 0.7344 | 0.0118 | 0.0013 | 0.0131 |
| 111.4 | 0.739 | 0 | 0 | 0 |
| 111.4333 | 0.7371 | 0.0118 | 0.0013 | 0.0131 |
| 111.4667 | 0.738 | 0.025 | 0 | 0.025 |
| 111.5 | 0.7374 | 0 | 0.0013 | 0.0013 |
| 111.5333 | 0.7354 | 0.0118 | 0 | 0.0118 |
| 111.5667 | 0.7361 | 0.0118 | 0.0013 | 0.0131 |
| 111.6 | 0.7374 | 0 | 0.0013 | 0.0013 |
| 111.6333 | 0.7377 | 0 | 0 | 0 |
| 111.6667 | 0.7367 | 0.0118 | 0.0013 | 0.0131 |
| 111.7 | 0.7364 | 0.0118 | 0.0013 | 0.0131 |
| 111.7333 | 0.7324 | 0.0118 | 0.0013 | 0.0131 |
| 111.7667 | 0.7394 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 111.8 | 0.7377 | 0.025 | 0.0013 | 0.0262 |
| 111.8333 | 0.7305 | 0.025 | 0.0026 | 0.0276 |
| 111.8667 | 0.7351 | 0 | 0.0026 | 0.0026 |
| 111.9 | 0.7351 | 0 | 0.0026 | 0.0026 |
| 111.9333 | 0.7318 | 0.025 | 0.0013 | 0.0262 |
| 111.9667 | 0.7338 | 0 | 0.0013 | 0.0013 |
| 112 | 0.7331 | 0.0118 | 0.0013 | 0.0131 |
| 112.0333 | 0.7334 | 0.0118 | 0 | 0.0118 |
| 112.0667 | 0.7328 | 0.0118 | 0 | 0.0118 |
| 112.1 | 0.7328 | 0.0118 | 0.0013 | 0.0131 |
| 112.1333 | 0.7301 | 0.0118 | 0 | 0.0118 |
| 112.1667 | 0.7275 | 0 | 0.0013 | 0.0013 |
| 112.2 | 0.7288 | 0.0118 | 0.0026 | 0.0144 |
| 112.2333 | 0.7285 | 0 | 0.0013 | 0.0013 |
| 112.2667 | 0.7275 | 0 | 0.0026 | 0.0026 |
| 112.3 | 0.7288 | 0.0118 | 0.0013 | 0.0131 |
| 112.3333 | 0.7265 | 0.0118 | 0.0013 | 0.0131 |
| 112.3667 | 0.7262 | 0.0118 | 0 | 0.0118 |
| 112.4 | 0.7245 | 0.0118 | 0.0013 | 0.0131 |
| 112.4333 | 0.7239 | 0.0118 | 0.0013 | 0.0131 |
| 112.4667 | 0.7259 | 0 | 0 | 0 |
| 112.5 | 0.7262 | 0.0118 | 0 | 0.0118 |
| 112.5333 | 0.7222 | 0.0118 | 0.0013 | 0.0131 |
| 112.5667 | 0.7239 | 0.0118 | 0.0013 | 0.0131 |
| 112.6 | 0.7255 | 0.0118 | 0 | 0.0118 |
| 112.6333 | 0.7239 | 0.0118 | 0 | 0.0118 |
| 112.6667 | 0.7226 | 0.0118 | 0 | 0.0118 |
| 112.7 | 0.7229 | 0.0118 | 0.0013 | 0.0131 |
| 112.7333 | 0.7236 | 0.0118 | 0 | 0.0118 |
| 112.7667 | 0.7183 | 0 | 0.0026 | 0.0026 |
| 112.8 | 0.7173 | 0 | 0 | 0 |
| 112.8333 | 0.7199 | 0 | 0.0013 | 0.0013 |
| 112.8667 | 0.7219 | 0 | 0.0013 | 0.0013 |
| 112.9 | 0.7186 | 0.0118 | 0.0013 | 0.0131 |
| 112.9333 | 0.7186 | 0.0118 | 0.0013 | 0.0131 |
| 112.9667 | 0.7196 | 0.025 | 0.0013 | 0.0262 |
| 113 | 0.7222 | 0 | 0 | 0 |
| 113.0333 | 0.7199 | 0 | 0.0013 | 0.0013 |
| 113.0667 | 0.7193 | 0.025 | 0.0013 | 0.0262 |
| 113.1 | 0.7166 | 0.025 | 0.0013 | 0.0262 |
| 113.1333 | 0.719 | 0 | 0.0013 | 0.0013 |
| 113.1667 | 0.7173 | 0 | 0.0013 | 0.0013 |
| 113.2 | 0.7176 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 113.2333 | 0.716 | 0.0118 | 0.0013 | 0.0131 |
| 113.2667 | 0.718 | 0 | 0 | 0 |
| 113.3 | 0.715 | 0 | 0 | 0 |
| 113.3333 | 0.716 | 0.0118 | 0.0013 | 0.0131 |
| 113.3667 | 0.7147 | 0 | 0 | 0 |
| 113.4 | 0.7147 | 0 | 0.0013 | 0.0013 |
| 113.4333 | 0.714 | 0.0118 | 0.0026 | 0.0144 |
| 113.4667 | 0.7134 | 0 | 0 | 0 |
| 113.5 | 0.7153 | 0.0118 | 0 | 0.0118 |
| 113.5333 | 0.7127 | 0.0118 | 0 | 0.0118 |
| 113.5667 | 0.713 | 0 | 0 | 0 |
| 113.6 | 0.714 | 0 | 0.0013 | 0.0013 |
| 113.6333 | 0.7124 | 0 | 0 | 0 |
| 113.6667 | 0.714 | 0.0118 | 0 | 0.0118 |
| 113.7 | 0.7134 | 0.025 | 0.0026 | 0.0276 |
| 113.7333 | 0.7124 | 0.025 | 0 | 0.025 |
| 113.7667 | 0.7127 | 0.0118 | 0 | 0.0118 |
| 113.8 | 0.7134 | 0.0118 | 0.0026 | 0.0144 |
| 113.8333 | 0.7114 | 0.0118 | 0 | 0.0118 |
| 113.8667 | 0.712 | 0 | 0 | 0 |
| 113.9 | 0.7124 | 0.0118 | 0 | 0.0118 |
| 113.9333 | 0.713 | 0.0118 | 0 | 0.0118 |
| 113.9667 | 0.7137 | 0.025 | 0.0026 | 0.0276 |
| 114 | 0.714 | 0.025 | 0.0013 | 0.0262 |
| 114.0333 | 0.7114 | 0.025 | 0.0013 | 0.0262 |
| 114.0667 | 0.7107 | 0.0118 | 0.0026 | 0.0144 |
| 114.1 | 0.7091 | 0 | 0 | 0 |
| 114.1333 | 0.7124 | 0.0118 | 0.0013 | 0.0131 |
| 114.1667 | 0.7101 | 0 | 0 | 0 |
| 114.2 | 0.7117 | 0 | 0.0013 | 0.0013 |
| 114.2333 | 0.7107 | 0.0118 | 0.0013 | 0.0131 |
| 114.2667 | 0.7157 | 0.0118 | 0.0013 | 0.0131 |
| 114.3 | 0.7143 | 0.0118 | 0.0013 | 0.0131 |
| 114.3333 | 0.712 | 0.0118 | 0 | 0.0118 |
| 114.3667 | 0.7124 | 0.0118 | 0 | 0.0118 |
| 114.4 | 0.7104 | 0 | 0.0026 | 0.0026 |
| 114.4333 | 0.7134 | 0.0118 | 0.0013 | 0.0131 |
| 114.4667 | 0.7104 | 0.0118 | 0.0013 | 0.0131 |
| 114.5 | 0.712 | 0.0118 | 0.0013 | 0.0131 |
| 114.5333 | 0.7097 | 0.0118 | 0.0026 | 0.0144 |
| 114.5667 | 0.7127 | 0 | 0 | 0 |
| 114.6 | 0.7091 | 0 | 0 | 0 |
| 114.6333 | 0.7117 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 114.6667 | 0.7127 | 0 | 0 | 0 |
| 114.7 | 0.7124 | 0 | 0 | 0 |
| 114.7333 | 0.7104 | 0 | 0 | 0 |
| 114.7667 | 0.712 | 0.025 | 0 | 0.025 |
| 114.8 | 0.7124 | 0 | 0 | 0 |
| 114.8333 | 0.7107 | 0.0118 | 0 | 0.0118 |
| 114.8667 | 0.713 | 0.025 | 0.0013 | 0.0262 |
| 114.9 | 0.7097 | 0.0118 | 0 | 0.0118 |
| 114.9333 | 0.7107 | 0 | 0 | 0 |
| 114.9667 | 0.7134 | 0.0118 | 0 | 0.0118 |
| 115 | 0.7124 | 0.0118 | 0.0013 | 0.0131 |
| 115.0333 | 0.7137 | 0 | 0 | 0 |
| 115.0667 | 0.7143 | 0.0118 | 0 | 0.0118 |
| 115.1 | 0.712 | 0.0118 | 0.0013 | 0.0131 |
| 115.1333 | 0.712 | 0.025 | 0.0013 | 0.0262 |
| 115.1667 | 0.7111 | 0.025 | 0.0013 | 0.0262 |
| 115.2 | 0.7127 | 0 | 0 | 0 |
| 115.2333 | 0.714 | 0.0118 | 0.0013 | 0.0131 |
| 115.2667 | 0.7097 | 0 | 0 | 0 |
| 115.3 | 0.713 | 0 | 0.0013 | 0.0013 |
| 115.3333 | 0.7114 | 0 | 0 | 0 |
| 115.3667 | 0.7127 | 0.0118 | 0 | 0.0118 |
| 115.4 | 0.7127 | 0 | 0.0013 | 0.0013 |
| 115.4333 | 0.7104 | 0.0118 | 0.0013 | 0.0131 |
| 115.4667 | 0.7097 | 0.025 | 0.0013 | 0.0262 |
| 115.5 | 0.713 | 0 | 0 | 0 |
| 115.5333 | 0.7114 | 0 | 0.0013 | 0.0013 |
| 115.5667 | 0.7124 | 0.025 | 0.0026 | 0.0276 |
| 115.6 | 0.7114 | 0.0118 | 0.0026 | 0.0144 |
| 115.6333 | 0.7107 | 0 | 0.0026 | 0.0026 |
| 115.6667 | 0.7134 | 0.0118 | 0.0013 | 0.0131 |
| 115.7 | 0.7104 | 0.0118 | 0 | 0.0118 |
| 115.7333 | 0.7117 | 0.0118 | 0 | 0.0118 |
| 115.7667 | 0.7107 | 0 | 0.0013 | 0.0013 |
| 115.8 | 0.7147 | 0.0118 | 0.0013 | 0.0131 |
| 115.8333 | 0.7124 | 0 | 0 | 0 |
| 115.8667 | 0.7097 | 0.0118 | 0.0013 | 0.0131 |
| 115.9 | 0.7127 | 0 | 0 | 0 |
| 115.9333 | 0.7124 | 0 | 0 | 0 |
| 115.9667 | 0.7101 | 0.0118 | 0.0013 | 0.0131 |
| 116 | 0.7134 | 0.0118 | 0 | 0.0118 |
| 116.0333 | 0.7124 | 0.0118 | 0.0013 | 0.0131 |
| 116.0667 | 0.712 | 0 | 0 | 0 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 116.1 | 0.7147 | 0.0118 | 0.0013 | 0.0131 |
| 116.1333 | 0.7143 | 0 | 0.0026 | 0.0026 |
| 116.1667 | 0.7137 | 0 | 0.0013 | 0.0013 |
| 116.2 | 0.7111 | 0 | 0 | 0 |
| 116.2333 | 0.7134 | 0.0118 | 0.0013 | 0.0131 |
| 116.2667 | 0.7134 | 0 | 0 | 0 |
| 116.3 | 0.712 | 0 | 0.0026 | 0.0026 |
| 116.3333 | 0.7134 | 0.0118 | 0 | 0.0118 |
| 116.3667 | 0.713 | 0.0118 | 0.0013 | 0.0131 |
| 116.4 | 0.714 | 0.025 | 0 | 0.025 |
| 116.4333 | 0.7111 | 0.0118 | 0 | 0.0118 |
| 116.4667 | 0.7137 | 0 | 0.0013 | 0.0013 |
| 116.5 | 0.7111 | 0.0118 | 0 | 0.0118 |
| 116.5333 | 0.7107 | 0.025 | 0.0013 | 0.0262 |
| 116.5667 | 0.7143 | 0.0118 | 0.0013 | 0.0131 |
| 116.6 | 0.7127 | 0 | 0.0026 | 0.0026 |
| 116.6333 | 0.7124 | 0.0118 | 0.0013 | 0.0131 |
| 116.6667 | 0.713 | 0 | 0.0013 | 0.0013 |
| 116.7 | 0.7137 | 0 | 0 | 0 |
| 116.7333 | 0.714 | 0.0118 | 0.0013 | 0.0131 |
| 116.7667 | 0.7134 | 0.0118 | 0 | 0.0118 |
| 116.8 | 0.7143 | 0 | 0.0013 | 0.0013 |
| 116.8333 | 0.7127 | 0.0118 | 0.0013 | 0.0131 |
| 116.8667 | 0.7104 | 0.0118 | 0.0013 | 0.0131 |
| 116.9 | 0.7097 | 0.0118 | 0.0013 | 0.0131 |
| 116.9333 | 0.7134 | 0 | 0.0013 | 0.0013 |
| 116.9667 | 0.7143 | 0.0118 | 0.0013 | 0.0131 |
| 117 | 0.7107 | 0 | 0.0013 | 0.0013 |
| 117.0333 | 0.7124 | 0.025 | 0.0013 | 0.0262 |
| 117.0667 | 0.7134 | 0.0118 | 0 | 0.0118 |
| 117.1 | 0.7134 | 0.0118 | 0 | 0.0118 |
| 117.1333 | 0.7107 | 0.025 | 0.0026 | 0.0276 |
| 117.1667 | 0.7127 | 0.0118 | 0 | 0.0118 |
| 117.2 | 0.7114 | 0.0118 | 0.0013 | 0.0131 |
| 117.2333 | 0.713 | 0.0118 | 0 | 0.0118 |
| 117.2667 | 0.7078 | 0 | 0 | 0 |
| 117.3 | 0.7143 | 0 | 0.0013 | 0.0013 |
| 117.3333 | 0.7124 | 0.0118 | 0 | 0.0118 |
| 117.3667 | 0.7127 | 0 | 0 | 0 |
| 117.4 | 0.7107 | 0.025 | 0 | 0.025 |
| 117.4333 | 0.7111 | 0.0381 | 0 | 0.0381 |
| 117.4667 | 0.7124 | 0.0118 | 0.0026 | 0.0144 |
| 117.5 | 0.7094 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 117.5333 | 0.7117 | 0.0118 | 0 | 0.0118 |
| 117.5667 | 0.7114 | 0.0118 | 0.0013 | 0.0131 |
| 117.6 | 0.7117 | 0 | 0.0026 | 0.0026 |
| 117.6333 | 0.712 | 0.0118 | 0.0013 | 0.0131 |
| 117.6667 | 0.7143 | 0.0118 | 0.0013 | 0.0131 |
| 117.7 | 0.7111 | 0 | 0 | 0 |
| 117.7333 | 0.7127 | 0.0118 | 0.0013 | 0.0131 |
| 117.7667 | 0.7091 | 0 | 0.0026 | 0.0026 |
| 117.8 | 0.7111 | 0 | 0 | 0 |
| 117.8333 | 0.7117 | 0 | 0.0013 | 0.0013 |
| 117.8667 | 0.7127 | 0 | 0.0013 | 0.0013 |
| 117.9 | 0.7127 | 0 | 0 | 0 |
| 117.9333 | 0.7091 | 0 | 0.0026 | 0.0026 |
| 117.9667 | 0.7124 | 0.0118 | 0.0013 | 0.0131 |
| 118 | 0.7114 | 0.0118 | 0.0013 | 0.0131 |
| 118.0333 | 0.7094 | 0 | 0.0013 | 0.0013 |
| 118.0667 | 0.713 | 0.0118 | 0.0013 | 0.0131 |
| 118.1 | 0.715 | 0.025 | 0.0013 | 0.0262 |
| 118.1333 | 0.7114 | 0.0118 | 0 | 0.0118 |
| 118.1667 | 0.7104 | 0.0118 | 0.0026 | 0.0144 |
| 118.2 | 0.7087 | 0 | 0 | 0 |
| 118.2333 | 0.7104 | 0 | 0.0013 | 0.0013 |
| 118.2667 | 0.712 | 0.0118 | 0.0013 | 0.0131 |
| 118.3 | 0.713 | 0 | 0.0026 | 0.0026 |
| 118.3333 | 0.7114 | 0.0118 | 0.0026 | 0.0144 |
| 118.3667 | 0.7127 | 0.0118 | 0 | 0.0118 |
| 118.4 | 0.7114 | 0.0118 | 0 | 0.0118 |
| 118.4333 | 0.7124 | 0.0118 | 0 | 0.0118 |
| 118.4667 | 0.714 | 0.0118 | 0.0013 | 0.0131 |
| 118.5 | 0.7107 | 0 | 0.0013 | 0.0013 |
| 118.5333 | 0.712 | 0 | 0 | 0 |
| 118.5667 | 0.7107 | 0.0118 | 0 | 0.0118 |
| 118.6 | 0.7087 | 0.0118 | 0 | 0.0118 |
| 118.6333 | 0.7143 | 0.0118 | 0.0013 | 0.0131 |
| 118.6667 | 0.7094 | 0 | 0.0013 | 0.0013 |
| 118.7 | 0.712 | 0.0118 | 0 | 0.0118 |
| 118.7333 | 0.7114 | 0.0118 | 0.0013 | 0.0131 |
| 118.7667 | 0.7117 | 0.0118 | 0.0013 | 0.0131 |
| 118.8 | 0.712 | 0.0118 | 0.0013 | 0.0131 |
| 118.8333 | 0.7117 | 0.025 | 0.0013 | 0.0262 |
| 118.8667 | 0.7127 | 0.0118 | 0 | 0.0118 |
| 118.9 | 0.7127 | 0 | 0.0013 | 0.0013 |
| 118.9333 | 0.7101 | 0 | 0.0026 | 0.0026 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 118.9667 | 0.712 | 0.0118 | 0.0013 | 0.0131 |
| 119 | 0.7101 | 0.0118 | 0 | 0.0118 |
| 119.0333 | 0.7087 | 0.0118 | 0 | 0.0118 |
| 119.0667 | 0.7104 | 0.0118 | 0 | 0.0118 |
| 119.1 | 0.7107 | 0.0118 | 0 | 0.0118 |
| 119.1333 | 0.7094 | 0.0118 | 0 | 0.0118 |
| 119.1667 | 0.7091 | 0.0118 | 0.0013 | 0.0131 |
| 119.2 | 0.7107 | 0 | 0.0013 | 0.0013 |
| 119.2333 | 0.7137 | 0 | 0 | 0 |
| 119.2667 | 0.7087 | 0.0118 | 0 | 0.0118 |
| 119.3 | 0.7107 | 0.0118 | 0 | 0.0118 |
| 119.3333 | 0.7094 | 0.0118 | 0.0013 | 0.0131 |
| 119.3667 | 0.7101 | 0 | 0 | 0 |
| 119.4 | 0.7097 | 0 | 0.0013 | 0.0013 |
| 119.4333 | 0.7097 | 0 | 0 | 0 |
| 119.4667 | 0.7137 | 0 | 0.0013 | 0.0013 |
| 119.5 | 0.7114 | 0 | 0.0026 | 0.0026 |
| 119.5333 | 0.7094 | 0.0118 | 0 | 0.0118 |
| 119.5667 | 0.7134 | 0.0118 | 0.0013 | 0.0131 |
| 119.6 | 0.713 | 0.0118 | 0.0026 | 0.0144 |
| 119.6333 | 0.7104 | 0.0118 | 0 | 0.0118 |
| 119.6667 | 0.7104 | 0.0118 | 0 | 0.0118 |
| 119.7 | 0.7111 | 0.0118 | 0.0013 | 0.0131 |
| 119.7333 | 0.7107 | 0 | 0 | 0 |
| 119.7667 | 0.7114 | 0.0118 | 0 | 0.0118 |
| 119.8 | 0.7091 | 0 | 0.0013 | 0.0013 |
| 119.8333 | 0.7071 | 0.0118 | 0 | 0.0118 |
| 119.8667 | 0.7104 | 0 | 0.0013 | 0.0013 |
| 119.9 | 0.7117 | 0 | 0.0013 | 0.0013 |
| 119.9333 | 0.7078 | 0.0118 | 0.0013 | 0.0131 |
| 119.9667 | 0.712 | 0.0118 | 0.0013 | 0.0131 |
| 120 | 0.7137 | 0.0118 | 0 | 0.0118 |
| 120.0333 | 0.7134 | 0.025 | 0.0013 | 0.0262 |
| 120.0667 | 0.713 | 0 | 0.0013 | 0.0013 |
| 120.1 | 0.7111 | 0.025 | 0.0013 | 0.0262 |
| 120.1333 | 0.7084 | 0 | 0 | 0 |
| 120.1667 | 0.7117 | 0 | 0.0013 | 0.0013 |
| 120.2 | 0.7094 | 0.0118 | 0.0026 | 0.0144 |
| 120.2333 | 0.7114 | 0.0118 | 0.0013 | 0.0131 |
| 120.2667 | 0.7078 | 0 | 0 | 0 |
| 120.3 | 0.7084 | 0 | 0.0013 | 0.0013 |
| 120.3333 | 0.7101 | 0 | 0.0013 | 0.0013 |
| 120.3667 | 0.7094 | 0.025 | 0.0013 | 0.0262 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 120.4 | 0.7124 | 0 | 0 | 0 |
| 120.4333 | 0.7101 | 0 | 0.0013 | 0.0013 |
| 120.4667 | 0.712 | 0.0118 | 0 | 0.0118 |
| 120.5 | 0.7111 | 0.0118 | 0 | 0.0118 |
| 120.5333 | 0.7087 | 0.0118 | 0 | 0.0118 |
| 120.5667 | 0.7091 | 0.025 | 0 | 0.025 |
| 120.6 | 0.7081 | 0 | 0 | 0 |
| 120.6333 | 0.7078 | 0.025 | 0.0013 | 0.0262 |
| 120.6667 | 0.7101 | 0 | 0 | 0 |
| 120.7 | 0.7094 | 0.0118 | 0.0026 | 0.0144 |
| 120.7333 | 0.7101 | 0.0118 | 0.0013 | 0.0131 |
| 120.7667 | 0.7114 | 0.0118 | 0.0013 | 0.0131 |
| 120.8 | 0.7097 | 0 | 0 | 0 |
| 120.8333 | 0.7104 | 0.0381 | 0.0013 | 0.0394 |
| 120.8667 | 0.7091 | 0.0118 | 0.0013 | 0.0131 |
| 120.9 | 0.7104 | 0.0118 | 0.0013 | 0.0131 |
| 120.9333 | 0.7094 | 0 | 0 | 0 |
| 120.9667 | 0.7101 | 0 | 0 | 0 |
| 121 | 0.7084 | 0.0118 | 0 | 0.0118 |
| 121.0333 | 0.7087 | 0 | 0.0013 | 0.0013 |
| 121.0667 | 0.7074 | 0 | 0 | 0 |
| 121.1 | 0.7068 | 0.0118 | 0 | 0.0118 |
| 121.1333 | 0.7104 | 0.0118 | 0 | 0.0118 |
| 121.1667 | 0.7097 | 0 | 0.0026 | 0.0026 |
| 121.2 | 0.7107 | 0.0118 | 0.0013 | 0.0131 |
| 121.2333 | 0.7097 | 0 | 0.0013 | 0.0013 |
| 121.2667 | 0.7078 | 0.025 | 0.0013 | 0.0262 |
| 121.3 | 0.7081 | 0.025 | 0.0013 | 0.0262 |
| 121.3333 | 0.7058 | 0.0118 | 0 | 0.0118 |
| 121.3667 | 0.7091 | 0.0118 | 0.0013 | 0.0131 |
| 121.4 | 0.7107 | 0.0118 | 0.0013 | 0.0131 |
| 121.4333 | 0.7114 | 0.0118 | 0 | 0.0118 |
| 121.4667 | 0.7104 | 0.0118 | 0 | 0.0118 |
| 121.5 | 0.7094 | 0 | 0 | 0 |
| 121.5333 | 0.7091 | 0.025 | 0.0013 | 0.0262 |
| 121.5667 | 0.7104 | 0.025 | 0.0013 | 0.0262 |
| 121.6 | 0.7094 | 0 | 0.0013 | 0.0013 |
| 121.6333 | 0.7084 | 0 | 0 | 0 |
| 121.6667 | 0.7114 | 0.0118 | 0.0013 | 0.0131 |
| 121.7 | 0.7071 | 0 | 0 | 0 |
| 121.7333 | 0.7078 | 0 | 0.0026 | 0.0026 |
| 121.7667 | 0.7068 | 0.025 | 0.0013 | 0.0262 |
| 121.8 | 0.7055 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 121.8333 | 0.7091 | 0.0118 | 0 | 0.0118 |
| 121.8667 | 0.7071 | 0 | 0 | 0 |
| 121.9 | 0.7081 | 0.025 | 0.0013 | 0.0262 |
| 121.9333 | 0.7104 | 0.025 | 0.0013 | 0.0262 |
| 121.9667 | 0.7078 | 0.0118 | 0.0026 | 0.0144 |
| 122 | 0.7074 | 0 | 0 | 0 |
| 122.0333 | 0.7101 | 0 | 0.0013 | 0.0013 |
| 122.0667 | 0.7081 | 0.0381 | 0.0013 | 0.0394 |
| 122.1 | 0.7101 | 0.025 | 0 | 0.025 |
| 122.1333 | 0.7091 | 0 | 0.0013 | 0.0013 |
| 122.1667 | 0.7078 | 0.0118 | 0.0013 | 0.0131 |
| 122.2 | 0.7101 | 0 | 0.0026 | 0.0026 |
| 122.2333 | 0.7094 | 0 | 0.0013 | 0.0013 |
| 122.2667 | 0.7107 | 0.0118 | 0.0026 | 0.0144 |
| 122.3 | 0.7078 | 0 | 0 | 0 |
| 122.3333 | 0.7107 | 0.0118 | 0.0013 | 0.0131 |
| 122.3667 | 0.7078 | 0 | 0.0013 | 0.0013 |
| 122.4 | 0.7104 | 0 | 0.0026 | 0.0026 |
| 122.4333 | 0.7114 | 0.0118 | 0.0026 | 0.0144 |
| 122.4667 | 0.7097 | 0.0118 | 0.0013 | 0.0131 |
| 122.5 | 0.7107 | 0.0118 | 0 | 0.0118 |
| 122.5333 | 0.7107 | 0 | 0.0013 | 0.0013 |
| 122.5667 | 0.7114 | 0.025 | 0 | 0.025 |
| 122.6 | 0.7107 | 0 | 0.0013 | 0.0013 |
| 122.6333 | 0.7094 | 0.0118 | 0.0013 | 0.0131 |
| 122.6667 | 0.7091 | 0.0118 | 0.0013 | 0.0131 |
| 122.7 | 0.7101 | 0.0118 | 0 | 0.0118 |
| 122.7333 | 0.712 | 0.0118 | 0 | 0.0118 |
| 122.7667 | 0.7091 | 0.0118 | 0 | 0.0118 |
| 122.8 | 0.7134 | 0.0118 | 0 | 0.0118 |
| 122.8333 | 0.712 | 0.0118 | 0 | 0.0118 |
| 122.8667 | 0.713 | 0.0118 | 0 | 0.0118 |
| 122.9 | 0.7117 | 0 | 0.0013 | 0.0013 |
| 122.9333 | 0.7107 | 0.0118 | 0.0026 | 0.0144 |
| 122.9667 | 0.7134 | 0.025 | 0 | 0.025 |
| 123 | 0.7147 | 0.0118 | 0 | 0.0118 |
| 123.0333 | 0.7104 | 0 | 0 | 0 |
| 123.0667 | 0.7124 | 0.0118 | 0.0026 | 0.0144 |
| 123.1 | 0.7137 | 0 | 0 | 0 |
| 123.1333 | 0.7104 | 0 | 0 | 0 |
| 123.1667 | 0.7127 | 0 | 0 | 0 |
| 123.2 | 0.713 | 0.0118 | 0 | 0.0118 |
| 123.2333 | 0.712 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 123.2667 | 0.7124 | 0.0118 | 0 | 0.0118 |
| 123.3 | 0.7107 | 0.0118 | 0.0013 | 0.0131 |
| 123.3333 | 0.7107 | 0 | 0 | 0 |
| 123.3667 | 0.7117 | 0.025 | 0 | 0.025 |
| 123.4 | 0.7111 | 0.0118 | 0 | 0.0118 |
| 123.4333 | 0.712 | 0.0118 | 0.0013 | 0.0131 |
| 123.4667 | 0.7104 | 0 | 0.0013 | 0.0013 |
| 123.5 | 0.7143 | 0 | 0 | 0 |
| 123.5333 | 0.7101 | 0.0118 | 0 | 0.0118 |
| 123.5667 | 0.7134 | 0 | 0.0026 | 0.0026 |
| 123.6 | 0.7134 | 0.0118 | 0.0013 | 0.0131 |
| 123.6333 | 0.7124 | 0.0118 | 0 | 0.0118 |
| 123.6667 | 0.714 | 0.0118 | 0.0013 | 0.0131 |
| 123.7 | 0.713 | 0.0118 | 0.0013 | 0.0131 |
| 123.7333 | 0.7114 | 0 | 0.0013 | 0.0013 |
| 123.7667 | 0.7124 | 0.0118 | 0.0013 | 0.0131 |
| 123.8 | 0.7127 | 0 | 0 | 0 |
| 123.8333 | 0.714 | 0.025 | 0 | 0.025 |
| 123.8667 | 0.7143 | 0 | 0 | 0 |
| 123.9 | 0.7166 | 0 | 0 | 0 |
| 123.9333 | 0.7114 | 0.025 | 0.0013 | 0.0262 |
| 123.9667 | 0.713 | 0.0118 | 0.0013 | 0.0131 |
| 124 | 0.7127 | 0.0118 | 0 | 0.0118 |
| 124.0333 | 0.712 | 0 | 0.0013 | 0.0013 |
| 124.0667 | 0.7147 | 0 | 0.0013 | 0.0013 |
| 124.1 | 0.7127 | 0.025 | 0.0013 | 0.0262 |
| 124.1333 | 0.7137 | 0 | 0.0013 | 0.0013 |
| 124.1667 | 0.7127 | 0.0118 | 0.0013 | 0.0131 |
| 124.2 | 0.7134 | 0.0118 | 0 | 0.0118 |
| 124.2333 | 0.715 | 0.0118 | 0 | 0.0118 |
| 124.2667 | 0.7127 | 0 | 0.0013 | 0.0013 |
| 124.3 | 0.716 | 0.0118 | 0 | 0.0118 |
| 124.3333 | 0.714 | 0.0118 | 0 | 0.0118 |
| 124.3667 | 0.7157 | 0.025 | 0.0013 | 0.0262 |
| 124.4 | 0.7157 | 0.0118 | 0.0013 | 0.0131 |
| 124.4333 | 0.716 | 0.0118 | 0.0013 | 0.0131 |
| 124.4667 | 0.7163 | 0.0118 | 0 | 0.0118 |
| 124.5 | 0.7124 | 0.0118 | 0 | 0.0118 |
| 124.5333 | 0.712 | 0.0118 | 0.0013 | 0.0131 |
| 124.5667 | 0.7153 | 0.0118 | 0.0013 | 0.0131 |
| 124.6 | 0.715 | 0.025 | 0.0013 | 0.0262 |
| 124.6333 | 0.714 | 0.025 | 0.0013 | 0.0262 |
| 124.6667 | 0.7157 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 124.7 | 0.7111 | 0 | 0.0013 | 0.0013 |
| 124.7333 | 0.715 | 0.025 | 0.0013 | 0.0262 |
| 124.7667 | 0.713 | 0.025 | 0 | 0.025 |
| 124.8 | 0.7163 | 0.025 | 0.0026 | 0.0276 |
| 124.8333 | 0.716 | 0.0118 | 0 | 0.0118 |
| 124.8667 | 0.7134 | 0.0118 | 0.0026 | 0.0144 |
| 124.9 | 0.7134 | 0.0118 | 0.0013 | 0.0131 |
| 124.9333 | 0.7173 | 0 | 0.0013 | 0.0013 |
| 124.9667 | 0.715 | 0.0381 | 0 | 0.0381 |
| 125 | 0.7143 | 0 | 0 | 0 |
| 125.0333 | 0.712 | 0.0118 | 0 | 0.0118 |
| 125.0667 | 0.716 | 0.0118 | 0.0026 | 0.0144 |
| 125.1 | 0.7157 | 0 | 0 | 0 |
| 125.1333 | 0.7157 | 0.0118 | 0.0013 | 0.0131 |
| 125.1667 | 0.7157 | 0.0118 | 0.0013 | 0.0131 |
| 125.2 | 0.7166 | 0 | 0 | 0 |
| 125.2333 | 0.7117 | 0.0118 | 0 | 0.0118 |
| 125.2667 | 0.7137 | 0.0118 | 0.0026 | 0.0144 |
| 125.3 | 0.7173 | 0 | 0 | 0 |
| 125.3333 | 0.715 | 0 | 0.0013 | 0.0013 |
| 125.3667 | 0.7166 | 0.025 | 0 | 0.025 |
| 125.4 | 0.7176 | 0.0118 | 0 | 0.0118 |
| 125.4333 | 0.7173 | 0.0118 | 0.0013 | 0.0131 |
| 125.4667 | 0.7137 | 0 | 0.0013 | 0.0013 |
| 125.5 | 0.7157 | 0 | 0 | 0 |
| 125.5333 | 0.717 | 0 | 0.0013 | 0.0013 |
| 125.5667 | 0.718 | 0 | 0.0013 | 0.0013 |
| 125.6 | 0.717 | 0 | 0.0013 | 0.0013 |
| 125.6333 | 0.7157 | 0 | 0 | 0 |
| 125.6667 | 0.7147 | 0 | 0.0013 | 0.0013 |
| 125.7 | 0.7163 | 0.0118 | 0.0013 | 0.0131 |
| 125.7333 | 0.7183 | 0.0118 | 0 | 0.0118 |
| 125.7667 | 0.7147 | 0.0118 | 0.0013 | 0.0131 |
| 125.8 | 0.7157 | 0 | 0.0013 | 0.0013 |
| 125.8333 | 0.7163 | 0 | 0.0013 | 0.0013 |
| 125.8667 | 0.713 | 0 | 0 | 0 |
| 125.9 | 0.7157 | 0.0118 | 0 | 0.0118 |
| 125.9333 | 0.7153 | 0.0118 | 0.0013 | 0.0131 |
| 125.9667 | 0.7166 | 0 | 0.0026 | 0.0026 |
| 126 | 0.7163 | 0.0118 | 0 | 0.0118 |
| 126.0333 | 0.7193 | 0.0118 | 0 | 0.0118 |
| 126.0667 | 0.717 | 0 | 0.0013 | 0.0013 |
| 126.1 | 0.718 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 126.1333 | 0.7196 | 0.0118 | 0 | 0.0118 |
| 126.1667 | 0.7173 | 0.0118 | 0.0013 | 0.0131 |
| 126.2 | 0.7163 | 0.0118 | 0 | 0.0118 |
| 126.2333 | 0.7193 | 0.0118 | 0.0026 | 0.0144 |
| 126.2667 | 0.7153 | 0.025 | 0 | 0.025 |
| 126.3 | 0.718 | 0.025 | 0.0013 | 0.0262 |
| 126.3333 | 0.715 | 0 | 0.0013 | 0.0013 |
| 126.3667 | 0.7196 | 0.0118 | 0 | 0.0118 |
| 126.4 | 0.716 | 0.0118 | 0 | 0.0118 |
| 126.4333 | 0.7183 | 0.0118 | 0 | 0.0118 |
| 126.4667 | 0.717 | 0.0118 | 0 | 0.0118 |
| 126.5 | 0.7173 | 0.0118 | 0.0013 | 0.0131 |
| 126.5333 | 0.7134 | 0 | 0 | 0 |
| 126.5667 | 0.7147 | 0.0118 | 0.0026 | 0.0144 |
| 126.6 | 0.7183 | 0.0118 | 0 | 0.0118 |
| 126.6333 | 0.7176 | 0.0118 | 0 | 0.0118 |
| 126.6667 | 0.7199 | 0 | 0.0013 | 0.0013 |
| 126.7 | 0.719 | 0 | 0 | 0 |
| 126.7333 | 0.7153 | 0.0118 | 0 | 0.0118 |
| 126.7667 | 0.7199 | 0.025 | 0.0026 | 0.0276 |
| 126.8 | 0.7199 | 0 | 0 | 0 |
| 126.8333 | 0.716 | 0.0118 | 0.0013 | 0.0131 |
| 126.8667 | 0.7147 | 0.025 | 0.0013 | 0.0262 |
| 126.9 | 0.7196 | 0 | 0.0013 | 0.0013 |
| 126.9333 | 0.717 | 0 | 0.0013 | 0.0013 |
| 126.9667 | 0.7176 | 0.0118 | 0.0026 | 0.0144 |
| 127 | 0.7163 | 0 | 0.0013 | 0.0013 |
| 127.0333 | 0.7163 | 0.0118 | 0.0013 | 0.0131 |
| 127.0667 | 0.7199 | 0 | 0 | 0 |
| 127.1 | 0.7157 | 0 | 0.0013 | 0.0013 |
| 127.1333 | 0.7153 | 0.025 | 0.0013 | 0.0262 |
| 127.1667 | 0.7176 | 0.0118 | 0 | 0.0118 |
| 127.2 | 0.7186 | 0 | 0 | 0 |
| 127.2333 | 0.7183 | 0 | 0.0013 | 0.0013 |
| 127.2667 | 0.7163 | 0 | 0 | 0 |
| 127.3 | 0.7163 | 0.0118 | 0 | 0.0118 |
| 127.3333 | 0.7186 | 0.0118 | 0.0026 | 0.0144 |
| 127.3667 | 0.7183 | 0 | 0.0013 | 0.0013 |
| 127.4 | 0.7186 | 0.0118 | 0.0026 | 0.0144 |
| 127.4333 | 0.7147 | 0 | 0.0013 | 0.0013 |
| 127.4667 | 0.719 | 0 | 0.0026 | 0.0026 |
| 127.5 | 0.7173 | 0.0118 | 0 | 0.0118 |
| 127.5333 | 0.7183 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 127.5667 | 0.7166 | 0 | 0 | 0 |
| 127.6 | 0.7173 | 0.0118 | 0.0013 | 0.0131 |
| 127.6333 | 0.719 | 0 | 0.0013 | 0.0013 |
| 127.6667 | 0.7183 | 0.0118 | 0 | 0.0118 |
| 127.7 | 0.7173 | 0.0118 | 0 | 0.0118 |
| 127.7333 | 0.7127 | 0 | 0 | 0 |
| 127.7667 | 0.7193 | 0.0118 | 0.0013 | 0.0131 |
| 127.8 | 0.718 | 0.0118 | 0.0026 | 0.0144 |
| 127.8333 | 0.7163 | 0 | 0.0013 | 0.0013 |
| 127.8667 | 0.7196 | 0 | 0.0026 | 0.0026 |
| 127.9 | 0.718 | 0.0118 | 0.0013 | 0.0131 |
| 127.9333 | 0.716 | 0.0118 | 0.0013 | 0.0131 |
| 127.9667 | 0.7213 | 0 | 0 | 0 |
| 128 | 0.716 | 0.0118 | 0.0013 | 0.0131 |
| 128.0333 | 0.7193 | 0 | 0.0013 | 0.0013 |
| 128.0667 | 0.7176 | 0.0118 | 0.0013 | 0.0131 |
| 128.1 | 0.7186 | 0.0118 | 0 | 0.0118 |
| 128.1333 | 0.717 | 0.0118 | 0 | 0.0118 |
| 128.1667 | 0.7173 | 0.0118 | 0 | 0.0118 |
| 128.2 | 0.717 | 0.0118 | 0.0026 | 0.0144 |
| 128.2333 | 0.7203 | 0.0118 | 0 | 0.0118 |
| 128.2667 | 0.7203 | 0.0118 | 0.0013 | 0.0131 |
| 128.3 | 0.717 | 0.0118 | 0 | 0.0118 |
| 128.3333 | 0.7163 | 0.0118 | 0.0013 | 0.0131 |
| 128.3667 | 0.7186 | 0.0118 | 0.0013 | 0.0131 |
| 128.4 | 0.7222 | 0.0118 | 0 | 0.0118 |
| 128.4333 | 0.7163 | 0.025 | 0.0013 | 0.0262 |
| 128.4667 | 0.7166 | 0 | 0.0013 | 0.0013 |
| 128.5 | 0.7203 | 0 | 0 | 0 |
| 128.5333 | 0.7183 | 0 | 0.0013 | 0.0013 |
| 128.5667 | 0.7173 | 0.0118 | 0.0013 | 0.0131 |
| 128.6 | 0.719 | 0.025 | 0.0013 | 0.0262 |
| 128.6333 | 0.7206 | 0.0118 | 0.0013 | 0.0131 |
| 128.6667 | 0.7124 | 0 | 0 | 0 |
| 128.7 | 0.7176 | 0 | 0 | 0 |
| 128.7333 | 0.7196 | 0.0118 | 0 | 0.0118 |
| 128.7667 | 0.7183 | 0 | 0 | 0 |
| 128.8 | 0.719 | 0 | 0.0026 | 0.0026 |
| 128.8333 | 0.7176 | 0 | 0 | 0 |
| 128.8667 | 0.7193 | 0.0118 | 0.0013 | 0.0131 |
| 128.9 | 0.7199 | 0.0118 | 0.0013 | 0.0131 |
| 128.9333 | 0.7193 | 0.0118 | 0.0013 | 0.0131 |
| 128.9667 | 0.7216 | 0.0118 | 0.0026 | 0.0144 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 129 | 0.7199 | 0 | 0.0013 | 0.0013 |
| 129.0333 | 0.7166 | 0.0118 | 0 | 0.0118 |
| 129.0667 | 0.717 | 0.0118 | 0 | 0.0118 |
| 129.1 | 0.7186 | 0.0118 | 0.0013 | 0.0131 |
| 129.1333 | 0.718 | 0.0118 | 0.0013 | 0.0131 |
| 129.1667 | 0.7166 | 0.0118 | 0 | 0.0118 |
| 129.2 | 0.719 | 0.0381 | 0.0026 | 0.0407 |
| 129.2333 | 0.719 | 0.0118 | 0 | 0.0118 |
| 129.2667 | 0.7213 | 0.025 | 0 | 0.025 |
| 129.3 | 0.7193 | 0.0118 | 0 | 0.0118 |
| 129.3333 | 0.7163 | 0.0118 | 0 | 0.0118 |
| 129.3667 | 0.719 | 0.0118 | 0 | 0.0118 |
| 129.4 | 0.7199 | 0 | 0 | 0 |
| 129.4333 | 0.7176 | 0 | 0.0026 | 0.0026 |
| 129.4667 | 0.7147 | 0.0118 | 0.0013 | 0.0131 |
| 129.5 | 0.7213 | 0.0118 | 0.0013 | 0.0131 |
| 129.5333 | 0.7186 | 0.025 | 0 | 0.025 |
| 129.5667 | 0.7209 | 0 | 0 | 0 |
| 129.6 | 0.7196 | 0 | 0.0013 | 0.0013 |
| 129.6333 | 0.7206 | 0.0118 | 0.0013 | 0.0131 |
| 129.6667 | 0.717 | 0 | 0 | 0 |
| 129.7 | 0.7206 | 0.0118 | 0 | 0.0118 |
| 129.7333 | 0.7176 | 0 | 0 | 0 |
| 129.7667 | 0.7183 | 0 | 0.0013 | 0.0013 |
| 129.8 | 0.7213 | 0.025 | 0.0026 | 0.0276 |
| 129.8333 | 0.7186 | 0.025 | 0.0013 | 0.0262 |
| 129.8667 | 0.717 | 0.0118 | 0 | 0.0118 |
| 129.9 | 0.7176 | 0 | 0.0013 | 0.0013 |
| 129.9333 | 0.7173 | 0 | 0.0026 | 0.0026 |
| 129.9667 | 0.7176 | 0 | 0 | 0 |
| 130 | 0.7196 | 0.0118 | 0.0013 | 0.0131 |
| 130.0333 | 0.7173 | 0.0118 | 0 | 0.0118 |
| 130.0667 | 0.7183 | 0 | 0.0013 | 0.0013 |
| 130.1 | 0.7186 | 0.0118 | 0 | 0.0118 |
| 130.1333 | 0.7199 | 0 | 0 | 0 |
| 130.1667 | 0.7203 | 0 | 0.0013 | 0.0013 |
| 130.2 | 0.7206 | 0.0118 | 0.0013 | 0.0131 |
| 130.2333 | 0.719 | 0 | 0.0026 | 0.0026 |
| 130.2667 | 0.719 | 0 | 0.0013 | 0.0013 |
| 130.3 | 0.7209 | 0 | 0 | 0 |
| 130.3333 | 0.7163 | 0.0118 | 0 | 0.0118 |
| 130.3667 | 0.7173 | 0.0118 | 0.0026 | 0.0144 |
| 130.4 | 0.7183 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 130.4333 | 0.7199 | 0.0118 | 0.0026 | 0.0144 |
| 130.4667 | 0.719 | 0.025 | 0.0013 | 0.0262 |
| 130.5 | 0.7186 | 0.025 | 0.0026 | 0.0276 |
| 130.5333 | 0.7216 | 0.0118 | 0 | 0.0118 |
| 130.5667 | 0.7213 | 0 | 0.0013 | 0.0013 |
| 130.6 | 0.7196 | 0.025 | 0 | 0.025 |
| 130.6333 | 0.7166 | 0.0118 | 0.0013 | 0.0131 |
| 130.6667 | 0.7196 | 0.025 | 0 | 0.025 |
| 130.7 | 0.7206 | 0.0118 | 0 | 0.0118 |
| 130.7333 | 0.7193 | 0.025 | 0.0013 | 0.0262 |
| 130.7667 | 0.718 | 0.0118 | 0 | 0.0118 |
| 130.8 | 0.716 | 0.0118 | 0.0013 | 0.0131 |
| 130.8333 | 0.7196 | 0 | 0 | 0 |
| 130.8667 | 0.7216 | 0.0118 | 0.0013 | 0.0131 |
| 130.9 | 0.7199 | 0 | 0.0013 | 0.0013 |
| 130.9333 | 0.7206 | 0.0118 | 0 | 0.0118 |
| 130.9667 | 0.7183 | 0.0118 | 0 | 0.0118 |
| 131 | 0.7199 | 0.0118 | 0.0013 | 0.0131 |
| 131.0333 | 0.7173 | 0 | 0 | 0 |
| 131.0667 | 0.7222 | 0.0118 | 0.0026 | 0.0144 |
| 131.1 | 0.719 | 0.0118 | 0.0026 | 0.0144 |
| 131.1333 | 0.719 | 0 | 0 | 0 |
| 131.1667 | 0.7196 | 0.0118 | 0 | 0.0118 |
| 131.2 | 0.7206 | 0.0118 | 0 | 0.0118 |
| 131.2333 | 0.718 | 0.0118 | 0 | 0.0118 |
| 131.2667 | 0.7203 | 0.0118 | 0.0013 | 0.0131 |
| 131.3 | 0.7183 | 0.025 | 0.0013 | 0.0262 |
| 131.3333 | 0.7203 | 0.025 | 0 | 0.025 |
| 131.3667 | 0.7196 | 0 | 0.0013 | 0.0013 |
| 131.4 | 0.7206 | 0.0118 | 0.0013 | 0.0131 |
| 131.4333 | 0.7213 | 0.025 | 0 | 0.025 |
| 131.4667 | 0.7173 | 0 | 0 | 0 |
| 131.5 | 0.7193 | 0.0118 | 0.0013 | 0.0131 |
| 131.5333 | 0.7183 | 0 | 0.0013 | 0.0013 |
| 131.5667 | 0.719 | 0 | 0 | 0 |
| 131.6 | 0.7209 | 0 | 0 | 0 |
| 131.6333 | 0.7173 | 0.0118 | 0.0013 | 0.0131 |
| 131.6667 | 0.7203 | 0 | 0 | 0 |
| 131.7 | 0.7199 | 0.0118 | 0.0013 | 0.0131 |
| 131.7333 | 0.7229 | 0 | 0 | 0 |
| 131.7667 | 0.7193 | 0 | 0 | 0 |
| 131.8 | 0.7216 | 0.0118 | 0.0013 | 0.0131 |
| 131.8333 | 0.7213 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 131.8667 | 0.7219 | 0.0118 | 0.0013 | 0.0131 |
| 131.9 | 0.7203 | 0.0118 | 0 | 0.0118 |
| 131.9333 | 0.7196 | 0.0118 | 0.0013 | 0.0131 |
| 131.9667 | 0.7176 | 0.025 | 0.0013 | 0.0262 |
| 132 | 0.718 | 0.0118 | 0 | 0.0118 |
| 132.0333 | 0.7232 | 0.0118 | 0.0013 | 0.0131 |
| 132.0667 | 0.7196 | 0.0118 | 0 | 0.0118 |
| 132.1 | 0.719 | 0.025 | 0.0013 | 0.0262 |
| 132.1333 | 0.7199 | 0 | 0 | 0 |
| 132.1667 | 0.7206 | 0 | 0.0013 | 0.0013 |
| 132.2 | 0.719 | 0.0118 | 0.0013 | 0.0131 |
| 132.2333 | 0.7186 | 0.0118 | 0.0013 | 0.0131 |
| 132.2667 | 0.7216 | 0 | 0.0013 | 0.0013 |
| 132.3 | 0.7209 | 0.0118 | 0 | 0.0118 |
| 132.3333 | 0.7199 | 0.0118 | 0 | 0.0118 |
| 132.3667 | 0.7216 | 0 | 0 | 0 |
| 132.4 | 0.7166 | 0 | 0.0013 | 0.0013 |
| 132.4333 | 0.719 | 0.0381 | 0.0013 | 0.0394 |
| 132.4667 | 0.7173 | 0.025 | 0 | 0.025 |
| 132.5 | 0.7199 | 0 | 0 | 0 |
| 132.5333 | 0.7213 | 0.0118 | 0.0013 | 0.0131 |
| 132.5667 | 0.7206 | 0.025 | 0.0013 | 0.0262 |
| 132.6 | 0.7213 | 0 | 0.0013 | 0.0013 |
| 132.6333 | 0.7219 | 0 | 0 | 0 |
| 132.6667 | 0.7206 | 0.0118 | 0.0013 | 0.0131 |
| 132.7 | 0.7196 | 0.0118 | 0.0013 | 0.0131 |
| 132.7333 | 0.7203 | 0.0118 | 0.0013 | 0.0131 |
| 132.7667 | 0.7209 | 0.0118 | 0 | 0.0118 |
| 132.8 | 0.7219 | 0.0118 | 0 | 0.0118 |
| 132.8333 | 0.7206 | 0.0118 | 0 | 0.0118 |
| 132.8667 | 0.7196 | 0.025 | 0 | 0.025 |
| 132.9 | 0.718 | 0 | 0.0013 | 0.0013 |
| 132.9333 | 0.7193 | 0.0118 | 0.0013 | 0.0131 |
| 132.9667 | 0.7199 | 0.0118 | 0.0026 | 0.0144 |
| 133 | 0.7203 | 0.0118 | 0 | 0.0118 |
| 133.0333 | 0.717 | 0.0118 | 0.0026 | 0.0144 |
| 133.0667 | 0.7196 | 0.0118 | 0.0013 | 0.0131 |
| 133.1 | 0.7216 | 0 | 0.0013 | 0.0013 |
| 133.1333 | 0.717 | 0 | 0.0039 | 0.0039 |
| 133.1667 | 0.7199 | 0.025 | 0 | 0.025 |
| 133.2 | 0.7193 | 0.025 | 0 | 0.025 |
| 133.2333 | 0.7196 | 0.0118 | 0.0013 | 0.0131 |
| 133.2667 | 0.717 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 133.3 | 0.7203 | 0.0381 | 0.0013 | 0.0394 |
| 133.3333 | 0.7199 | 0.0118 | 0.0013 | 0.0131 |
| 133.3667 | 0.7173 | 0.0118 | 0 | 0.0118 |
| 133.4 | 0.7206 | 0 | 0.0013 | 0.0013 |
| 133.4333 | 0.7203 | 0 | 0 | 0 |
| 133.4667 | 0.715 | 0.0118 | 0 | 0.0118 |
| 133.5 | 0.7183 | 0 | 0.0013 | 0.0013 |
| 133.5333 | 0.7203 | 0.025 | 0.0013 | 0.0262 |
| 133.5667 | 0.7176 | 0 | 0.0026 | 0.0026 |
| 133.6 | 0.7186 | 0.0118 | 0 | 0.0118 |
| 133.6333 | 0.719 | 0 | 0.0013 | 0.0013 |
| 133.6667 | 0.7213 | 0.025 | 0 | 0.025 |
| 133.7 | 0.7203 | 0 | 0 | 0 |
| 133.7333 | 0.717 | 0.0118 | 0.0013 | 0.0131 |
| 133.7667 | 0.7206 | 0.0118 | 0 | 0.0118 |
| 133.8 | 0.7199 | 0 | 0.0013 | 0.0013 |
| 133.8333 | 0.7183 | 0.0118 | 0.0013 | 0.0131 |
| 133.8667 | 0.7183 | 0.0118 | 0.0013 | 0.0131 |
| 133.9 | 0.7196 | 0 | 0.0013 | 0.0013 |
| 133.9333 | 0.718 | 0.0381 | 0.0013 | 0.0394 |
| 133.9667 | 0.7206 | 0.0118 | 0.0013 | 0.0131 |
| 134 | 0.7196 | 0.0118 | 0.0013 | 0.0131 |
| 134.0333 | 0.719 | 0.0118 | 0.0013 | 0.0131 |
| 134.0667 | 0.7206 | 0.0118 | 0.0013 | 0.0131 |
| 134.1 | 0.7176 | 0 | 0.0013 | 0.0013 |
| 134.1333 | 0.717 | 0.0118 | 0 | 0.0118 |
| 134.1667 | 0.7196 | 0.0118 | 0.0013 | 0.0131 |
| 134.2 | 0.7186 | 0 | 0.0013 | 0.0013 |
| 134.2333 | 0.7173 | 0.0381 | 0 | 0.0381 |
| 134.2667 | 0.719 | 0.0118 | 0 | 0.0118 |
| 134.3 | 0.7186 | 0 | 0 | 0 |
| 134.3333 | 0.7173 | 0 | 0.0013 | 0.0013 |
| 134.3667 | 0.7186 | 0.0118 | 0.0013 | 0.0131 |
| 134.4 | 0.718 | 0 | 0.0013 | 0.0013 |
| 134.4333 | 0.7193 | 0.0118 | 0 | 0.0118 |
| 134.4667 | 0.7183 | 0 | 0 | 0 |
| 134.5 | 0.7186 | 0.0118 | 0.0026 | 0.0144 |
| 134.5333 | 0.717 | 0 | 0.0013 | 0.0013 |
| 134.5667 | 0.7206 | 0.0118 | 0.0013 | 0.0131 |
| 134.6 | 0.719 | 0 | 0 | 0 |
| 134.6333 | 0.718 | 0.0118 | 0.0013 | 0.0131 |
| 134.6667 | 0.7196 | 0.0118 | 0 | 0.0118 |
| 134.7 | 0.718 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 134.7333 | 0.718 | 0.0118 | 0.0026 | 0.0144 |
| 134.7667 | 0.719 | 0.0118 | 0.0013 | 0.0131 |
| 134.8 | 0.7183 | 0.025 | 0 | 0.025 |
| 134.8333 | 0.7193 | 0 | 0.0013 | 0.0013 |
| 134.8667 | 0.7193 | 0.0118 | 0.0013 | 0.0131 |
| 134.9 | 0.718 | 0 | 0.0013 | 0.0013 |
| 134.9333 | 0.716 | 0.0118 | 0.0013 | 0.0131 |
| 134.9667 | 0.719 | 0.0118 | 0.0026 | 0.0144 |
| 135 | 0.7196 | 0 | 0.0013 | 0.0013 |
| 135.0333 | 0.7196 | 0 | 0.0039 | 0.0039 |
| 135.0667 | 0.7186 | 0.0118 | 0 | 0.0118 |
| 135.1 | 0.718 | 0.0118 | 0.0013 | 0.0131 |
| 135.1333 | 0.7199 | 0.0118 | 0.0013 | 0.0131 |
| 135.1667 | 0.7183 | 0.0118 | 0 | 0.0118 |
| 135.2 | 0.7186 | 0.0118 | 0.0013 | 0.0131 |
| 135.2333 | 0.718 | 0.0118 | 0 | 0.0118 |
| 135.2667 | 0.7163 | 0 | 0.0013 | 0.0013 |
| 135.3 | 0.7173 | 0.0118 | 0 | 0.0118 |
| 135.3333 | 0.7199 | 0.0118 | 0.0013 | 0.0131 |
| 135.3667 | 0.7157 | 0.0118 | 0.0013 | 0.0131 |
| 135.4 | 0.718 | 0.025 | 0.0013 | 0.0262 |
| 135.4333 | 0.7166 | 0 | 0.0013 | 0.0013 |
| 135.4667 | 0.715 | 0.0118 | 0.0013 | 0.0131 |
| 135.5 | 0.7186 | 0 | 0 | 0 |
| 135.5333 | 0.7196 | 0 | 0.0026 | 0.0026 |
| 135.5667 | 0.7166 | 0.025 | 0.0013 | 0.0262 |
| 135.6 | 0.7183 | 0.0118 | 0.0013 | 0.0131 |
| 135.6333 | 0.717 | 0.0118 | 0.0013 | 0.0131 |
| 135.6667 | 0.7173 | 0.0118 | 0 | 0.0118 |
| 135.7 | 0.7173 | 0.0118 | 0 | 0.0118 |
| 135.7333 | 0.7173 | 0.0118 | 0.0013 | 0.0131 |
| 135.7667 | 0.719 | 0.0118 | 0.0013 | 0.0131 |
| 135.8 | 0.7186 | 0.025 | 0 | 0.025 |
| 135.8333 | 0.719 | 0.0118 | 0 | 0.0118 |
| 135.8667 | 0.7183 | 0.025 | 0.0026 | 0.0276 |
| 135.9 | 0.7173 | 0.0118 | 0 | 0.0118 |
| 135.9333 | 0.7199 | 0 | 0.0013 | 0.0013 |
| 135.9667 | 0.719 | 0 | 0.0013 | 0.0013 |
| 136 | 0.7176 | 0.025 | 0.0026 | 0.0276 |
| 136.0333 | 0.7173 | 0.0118 | 0.0013 | 0.0131 |
| 136.0667 | 0.7183 | 0 | 0 | 0 |
| 136.1 | 0.719 | 0.0118 | 0.0013 | 0.0131 |
| 136.1333 | 0.718 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 136.1667 | 0.718 | 0.025 | 0.0013 | 0.0262 |
| 136.2 | 0.718 | 0 | 0 | 0 |
| 136.2333 | 0.7176 | 0 | 0 | 0 |
| 136.2667 | 0.7173 | 0 | 0.0013 | 0.0013 |
| 136.3 | 0.7183 | 0.0118 | 0 | 0.0118 |
| 136.3333 | 0.7163 | 0 | 0.0013 | 0.0013 |
| 136.3667 | 0.7137 | 0 | 0 | 0 |
| 136.4 | 0.7186 | 0 | 0.0013 | 0.0013 |
| 136.4333 | 0.7173 | 0 | 0 | 0 |
| 136.4667 | 0.7166 | 0.0118 | 0.0013 | 0.0131 |
| 136.5 | 0.7199 | 0 | 0.0013 | 0.0013 |
| 136.5333 | 0.7173 | 0 | 0.0013 | 0.0013 |
| 136.5667 | 0.7199 | 0.0118 | 0 | 0.0118 |
| 136.6 | 0.7196 | 0 | 0 | 0 |
| 136.6333 | 0.7186 | 0.0118 | 0.0013 | 0.0131 |
| 136.6667 | 0.7183 | 0.025 | 0.0013 | 0.0262 |
| 136.7 | 0.7186 | 0.025 | 0 | 0.025 |
| 136.7333 | 0.7173 | 0 | 0.0013 | 0.0013 |
| 136.7667 | 0.7196 | 0 | 0.0013 | 0.0013 |
| 136.8 | 0.7186 | 0.025 | 0.0013 | 0.0262 |
| 136.8333 | 0.7157 | 0 | 0 | 0 |
| 136.8667 | 0.714 | 0.0118 | 0.0013 | 0.0131 |
| 136.9 | 0.7173 | 0 | 0 | 0 |
| 136.9333 | 0.7176 | 0.0118 | 0 | 0.0118 |
| 136.9667 | 0.7166 | 0 | 0.0026 | 0.0026 |
| 137 | 0.719 | 0 | 0.0013 | 0.0013 |
| 137.0333 | 0.719 | 0.0118 | 0.0013 | 0.0131 |
| 137.0667 | 0.7176 | 0.0118 | 0 | 0.0118 |
| 137.1 | 0.7163 | 0.0118 | 0 | 0.0118 |
| 137.1333 | 0.716 | 0 | 0 | 0 |
| 137.1667 | 0.7176 | 0.025 | 0.0026 | 0.0276 |
| 137.2 | 0.7193 | 0 | 0.0013 | 0.0013 |
| 137.2333 | 0.716 | 0 | 0.0013 | 0.0013 |
| 137.2667 | 0.7163 | 0 | 0.0013 | 0.0013 |
| 137.3 | 0.7157 | 0 | 0.0013 | 0.0013 |
| 137.3333 | 0.7176 | 0 | 0.0013 | 0.0013 |
| 137.3667 | 0.719 | 0.0118 | 0 | 0.0118 |
| 137.4 | 0.7193 | 0.0118 | 0.0026 | 0.0144 |
| 137.4333 | 0.7203 | 0.0118 | 0.0013 | 0.0131 |
| 137.4667 | 0.7226 | 0.0118 | 0 | 0.0118 |
| 137.5 | 0.7199 | 0 | 0 | 0 |
| 137.5333 | 0.7153 | 0 | 0.0013 | 0.0013 |
| 137.5667 | 0.7163 | 0.0118 | 0 | 0.0118 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 137.6 | 0.7147 | 0.0118 | 0.0013 | 0.0131 |
| 137.6333 | 0.7176 | 0.0118 | 0 | 0.0118 |
| 137.6667 | 0.7173 | 0 | 0.0013 | 0.0013 |
| 137.7 | 0.7173 | 0.0118 | 0.0013 | 0.0131 |
| 137.7333 | 0.7157 | 0.0118 | 0.0013 | 0.0131 |
| 137.7667 | 0.716 | 0 | 0 | 0 |
| 137.8 | 0.716 | 0.0118 | 0 | 0.0118 |
| 137.8333 | 0.7176 | 0 | 0.0013 | 0.0013 |
| 137.8667 | 0.717 | 0.0118 | 0 | 0.0118 |
| 137.9 | 0.7137 | 0.0381 | 0.0026 | 0.0407 |
| 137.9333 | 0.7176 | 0.025 | 0.0013 | 0.0262 |
| 137.9667 | 0.717 | 0 | 0.0013 | 0.0013 |
| 138 | 0.7183 | 0 | 0.0013 | 0.0013 |
| 138.0333 | 0.7163 | 0.0118 | 0 | 0.0118 |
| 138.0667 | 0.717 | 0 | 0.0013 | 0.0013 |
| 138.1 | 0.716 | 0.025 | 0 | 0.025 |
| 138.1333 | 0.7199 | 0 | 0.0013 | 0.0013 |
| 138.1667 | 0.7176 | 0.0118 | 0.0013 | 0.0131 |
| 138.2 | 0.7176 | 0 | 0.0026 | 0.0026 |
| 138.2333 | 0.717 | 0.0118 | 0.0013 | 0.0131 |
| 138.2667 | 0.7176 | 0.0118 | 0 | 0.0118 |
| 138.3 | 0.7163 | 0 | 0 | 0 |
| 138.3333 | 0.7157 | 0.025 | 0 | 0.025 |
| 138.3667 | 0.7166 | 0.025 | 0.0013 | 0.0262 |
| 138.4 | 0.7147 | 0 | 0.0013 | 0.0013 |
| 138.4333 | 0.719 | 0 | 0 | 0 |
| 138.4667 | 0.7157 | 0.0118 | 0.0013 | 0.0131 |
| 138.5 | 0.714 | 0.0118 | 0.0013 | 0.0131 |
| 138.5333 | 0.7176 | 0.0118 | 0 | 0.0118 |
| 138.5667 | 0.7143 | 0.0118 | 0.0013 | 0.0131 |
| 138.6 | 0.7163 | 0.0118 | 0.0013 | 0.0131 |
| 138.6333 | 0.7143 | 0.0118 | 0 | 0.0118 |
| 138.6667 | 0.7157 | 0 | 0 | 0 |
| 138.7 | 0.7173 | 0.0118 | 0.0013 | 0.0131 |
| 138.7333 | 0.714 | 0 | 0.0013 | 0.0013 |
| 138.7667 | 0.7163 | 0 | 0.0026 | 0.0026 |
| 138.8 | 0.7173 | 0 | 0.0013 | 0.0013 |
| 138.8333 | 0.7176 | 0.0118 | 0 | 0.0118 |
| 138.8667 | 0.7147 | 0.0118 | 0.0013 | 0.0131 |
| 138.9 | 0.7147 | 0.0118 | 0.0013 | 0.0131 |
| 138.9333 | 0.7157 | 0.0118 | 0.0026 | 0.0144 |
| 138.9667 | 0.7147 | 0.0118 | 0.0013 | 0.0131 |
| 139 | 0.716 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 139.0333 | 0.716 | 0.0118 | 0 | 0.0118 |
| 139.0667 | 0.717 | 0 | 0 | 0 |
| 139.1 | 0.713 | 0 | 0 | 0 |
| 139.1333 | 0.717 | 0.025 | 0 | 0.025 |
| 139.1667 | 0.7163 | 0.0118 | 0.0013 | 0.0131 |
| 139.2 | 0.7163 | 0.025 | 0.0013 | 0.0262 |
| 139.2333 | 0.714 | 0.0118 | 0 | 0.0118 |
| 139.2667 | 0.7163 | 0.025 | 0 | 0.025 |
| 139.3 | 0.7166 | 0 | 0.0013 | 0.0013 |
| 139.3333 | 0.7163 | 0.0118 | 0 | 0.0118 |
| 139.3667 | 0.715 | 0 | 0 | 0 |
| 139.4 | 0.7183 | 0.0118 | 0.0026 | 0.0144 |
| 139.4333 | 0.7157 | 0 | 0 | 0 |
| 139.4667 | 0.7173 | 0.025 | 0 | 0.025 |
| 139.5 | 0.718 | 0.0118 | 0.0013 | 0.0131 |
| 139.5333 | 0.714 | 0.025 | 0 | 0.025 |
| 139.5667 | 0.7173 | 0 | 0.0013 | 0.0013 |
| 139.6 | 0.7137 | 0.0118 | 0 | 0.0118 |
| 139.6333 | 0.7163 | 0 | 0 | 0 |
| 139.6667 | 0.7147 | 0 | 0.0013 | 0.0013 |
| 139.7 | 0.7193 | 0.0118 | 0.0013 | 0.0131 |
| 139.7333 | 0.7134 | 0 | 0.0026 | 0.0026 |
| 139.7667 | 0.7147 | 0.0118 | 0 | 0.0118 |
| 139.8 | 0.7134 | 0.0118 | 0.0013 | 0.0131 |
| 139.8333 | 0.714 | 0 | 0.0013 | 0.0013 |
| 139.8667 | 0.7157 | 0.0118 | 0.0026 | 0.0144 |
| 139.9 | 0.7183 | 0 | 0 | 0 |
| 139.9333 | 0.717 | 0 | 0 | 0 |
| 139.9667 | 0.7163 | 0.025 | 0.0013 | 0.0262 |
| 140 | 0.7143 | 0 | 0.0013 | 0.0013 |
| 140.0333 | 0.717 | 0.0118 | 0.0013 | 0.0131 |
| 140.0667 | 0.7173 | 0 | 0 | 0 |
| 140.1 | 0.7143 | 0.0118 | 0.0013 | 0.0131 |
| 140.1333 | 0.718 | 0.0118 | 0.0013 | 0.0131 |
| 140.1667 | 0.7147 | 0 | 0.0013 | 0.0013 |
| 140.2 | 0.7143 | 0.025 | 0.0013 | 0.0262 |
| 140.2333 | 0.714 | 0 | 0.0013 | 0.0013 |
| 140.2667 | 0.7163 | 0.0118 | 0.0013 | 0.0131 |
| 140.3 | 0.7137 | 0 | 0.0013 | 0.0013 |
| 140.3333 | 0.7157 | 0.0118 | 0 | 0.0118 |
| 140.3667 | 0.7157 | 0 | 0.0013 | 0.0013 |
| 140.4 | 0.7134 | 0 | 0.0013 | 0.0013 |
| 140.4333 | 0.7147 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 140.4667 | 0.715 | 0 | 0.0026 | 0.0026 |
| 140.5 | 0.7153 | 0 | 0.0013 | 0.0013 |
| 140.5333 | 0.717 | 0 | 0.0013 | 0.0013 |
| 140.5667 | 0.7186 | 0.0118 | 0 | 0.0118 |
| 140.6 | 0.7183 | 0 | 0.0013 | 0.0013 |
| 140.6333 | 0.715 | 0 | 0 | 0 |
| 140.6667 | 0.7127 | 0.0118 | 0 | 0.0118 |
| 140.7 | 0.7147 | 0.0118 | 0.0026 | 0.0144 |
| 140.7333 | 0.7166 | 0 | 0 | 0 |
| 140.7667 | 0.719 | 0 | 0.0013 | 0.0013 |
| 140.8 | 0.7166 | 0.025 | 0 | 0.025 |
| 140.8333 | 0.7173 | 0.0118 | 0 | 0.0118 |
| 140.8667 | 0.7173 | 0.0118 | 0.0013 | 0.0131 |
| 140.9 | 0.7163 | 0.0118 | 0 | 0.0118 |
| 140.9333 | 0.7143 | 0 | 0 | 0 |
| 140.9667 | 0.7183 | 0.025 | 0.0013 | 0.0262 |
| 141 | 0.7166 | 0 | 0 | 0 |
| 141.0333 | 0.7157 | 0 | 0 | 0 |
| 141.0667 | 0.7157 | 0 | 0 | 0 |
| 141.1 | 0.716 | 0 | 0.0013 | 0.0013 |
| 141.1333 | 0.7166 | 0 | 0 | 0 |
| 141.1667 | 0.7153 | 0.0118 | 0 | 0.0118 |
| 141.2 | 0.7166 | 0 | 0.0026 | 0.0026 |
| 141.2333 | 0.717 | 0.0118 | 0.0026 | 0.0144 |
| 141.2667 | 0.7166 | 0.0118 | 0.0026 | 0.0144 |
| 141.3 | 0.7183 | 0 | 0.0013 | 0.0013 |
| 141.3333 | 0.715 | 0 | 0 | 0 |
| 141.3667 | 0.7166 | 0.0118 | 0.0013 | 0.0131 |
| 141.4 | 0.718 | 0.0118 | 0.0013 | 0.0131 |
| 141.4333 | 0.7199 | 0.025 | 0 | 0.025 |
| 141.4667 | 0.716 | 0.0118 | 0 | 0.0118 |
| 141.5 | 0.7147 | 0.0118 | 0.0026 | 0.0144 |
| 141.5333 | 0.7163 | 0.0118 | 0 | 0.0118 |
| 141.5667 | 0.7143 | 0 | 0.0013 | 0.0013 |
| 141.6 | 0.7173 | 0.0118 | 0 | 0.0118 |
| 141.6333 | 0.7137 | 0 | 0 | 0 |
| 141.6667 | 0.7176 | 0 | 0 | 0 |
| 141.7 | 0.7153 | 0.0118 | 0.0013 | 0.0131 |
| 141.7333 | 0.719 | 0.0118 | 0.0013 | 0.0131 |
| 141.7667 | 0.7157 | 0 | 0 | 0 |
| 141.8 | 0.7173 | 0.0118 | 0 | 0.0118 |
| 141.8333 | 0.718 | 0.0118 | 0.0026 | 0.0144 |
| 141.8667 | 0.7157 | 0 | 0.0013 | 0.0013 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 141.9 | 0.717 | 0 | 0.0013 | 0.0013 |
| 141.9333 | 0.7176 | 0.0118 | 0 | 0.0118 |
| 141.9667 | 0.717 | 0.0118 | 0.0026 | 0.0144 |
| 142 | 0.7173 | 0.0118 | 0.0013 | 0.0131 |
| 142.0333 | 0.7163 | 0 | 0.0013 | 0.0013 |
| 142.0667 | 0.7176 | 0.0118 | 0 | 0.0118 |
| 142.1 | 0.7183 | 0.0118 | 0 | 0.0118 |
| 142.1333 | 0.7173 | 0 | 0.0013 | 0.0013 |
| 142.1667 | 0.718 | 0.0118 | 0.0013 | 0.0131 |
| 142.2 | 0.7176 | 0.0118 | 0.0013 | 0.0131 |
| 142.2333 | 0.716 | 0 | 0.0013 | 0.0013 |
| 142.2667 | 0.7147 | 0.025 | 0 | 0.025 |
| 142.3 | 0.717 | 0.0118 | 0.0013 | 0.0131 |
| 142.3333 | 0.7166 | 0.0118 | 0 | 0.0118 |
| 142.3667 | 0.7173 | 0 | 0.0026 | 0.0026 |
| 142.4 | 0.7186 | 0 | 0.0013 | 0.0013 |
| 142.4333 | 0.719 | 0 | 0 | 0 |
| 142.4667 | 0.715 | 0.0118 | 0 | 0.0118 |
| 142.5 | 0.7157 | 0 | 0 | 0 |
| 142.5333 | 0.7163 | 0.0118 | 0.0013 | 0.0131 |
| 142.5667 | 0.718 | 0.0118 | 0 | 0.0118 |
| 142.6 | 0.7176 | 0.0118 | 0 | 0.0118 |
| 142.6333 | 0.7147 | 0.0118 | 0 | 0.0118 |
| 142.6667 | 0.716 | 0 | 0.0013 | 0.0013 |
| 142.7 | 0.714 | 0 | 0.0013 | 0.0013 |
| 142.7333 | 0.715 | 0 | 0.0013 | 0.0013 |
| 142.7667 | 0.7153 | 0 | 0 | 0 |
| 142.8 | 0.7166 | 0.0118 | 0.0013 | 0.0131 |
| 142.8333 | 0.7157 | 0 | 0 | 0 |
| 142.8667 | 0.7173 | 0 | 0 | 0 |
| 142.9 | 0.718 | 0 | 0.0026 | 0.0026 |
| 142.9333 | 0.718 | 0 | 0.0013 | 0.0013 |
| 142.9667 | 0.7186 | 0 | 0.0013 | 0.0013 |
| 143 | 0.7186 | 0.0118 | 0 | 0.0118 |
| 143.0333 | 0.7163 | 0 | 0.0026 | 0.0026 |
| 143.0667 | 0.7157 | 0.0118 | 0.0013 | 0.0131 |
| 143.1 | 0.7163 | 0 | 0 | 0 |
| 143.1333 | 0.717 | 0.0118 | 0.0013 | 0.0131 |
| 143.1667 | 0.718 | 0 | 0 | 0 |
| 143.2 | 0.719 | 0.0118 | 0.0013 | 0.0131 |
| 143.2333 | 0.716 | 0.0118 | 0 | 0.0118 |
| 143.2667 | 0.7173 | 0 | 0.0013 | 0.0013 |
| 143.3 | 0.718 | 0.0118 | 0.0013 | 0.0131 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 143.3333 | 0.7236 | 0 | 0.0013 | 0.0013 |
| 143.3667 | 0.7344 | 0.0118 | 0 | 0.0118 |
| 143.4 | 0.7459 | 0 | 0.0013 | 0.0013 |
| 143.4333 | 0.7584 | 0 | 0.0013 | 0.0013 |
| 143.4667 | 0.766 | 0.0118 | 0 | 0.0118 |
| 143.5 | 0.7749 | 0.0118 | 0 | 0.0118 |
| 143.5333 | 0.7868 | 0 | 0 | 0 |
| 143.5667 | 0.7956 | 0 | 0.0026 | 0.0026 |
| 143.6 | 0.8052 | 0.0118 | 0 | 0.0118 |
| 143.6333 | 0.8151 | 0.0118 | 0 | 0.0118 |
| 143.6667 | 0.8236 | 0.0118 | 0 | 0.0118 |
| 143.7 | 0.8355 | 0 | 0 | 0 |
| 143.7333 | 0.845 | 0 | 0 | 0 |
| 143.7667 | 0.8539 | 0.025 | 0.0013 | 0.0262 |
| 143.8 | 0.8625 | 0 | 0 | 0 |
| 143.8333 | 0.8707 | 0 | 0.0013 | 0.0013 |
| 143.8667 | 0.8763 | 0 | 0.0013 | 0.0013 |
| 143.9 | 0.8862 | 0 | 0 | 0 |
| 143.9333 | 0.8947 | 0.025 | 0 | 0.025 |
| 143.9667 | 0.899 | 0.025 | 0 | 0.025 |
| 144 | 0.9095 | 0.0118 | 0 | 0.0118 |
| 144.0333 | 0.9148 | 0.0118 | 0 | 0.0118 |
| 144.0667 | 0.9201 | 0 | 0.8139 | 0.8139 |
| 144.1 | 0.9263 | 0 | 0.8165 | 0.8165 |
| 144.1333 | 0.9326 | 0 | 0.8218 | 0.8218 |
| 144.1667 | 0.9388 | 0 | 0.8284 | 0.8284 |
| 144.2 | 0.9457 | 0 | 0.8257 | 0.8257 |
| 144.2333 | 0.9493 | 0 | 0.8257 | 0.8257 |
| 144.2667 | 0.9546 | 0.0118 | 0.8323 | 0.8442 |
| 144.3 | 0.9619 | 0 | 0.8389 | 0.8389 |
| 144.3333 | 0.9628 | 0 | 0.8402 | 0.8402 |
| 144.3667 | 0.9721 | 0 | 0.8455 | 0.8455 |
| 144.4 | 0.9757 | 0 | 0.8481 | 0.8481 |
| 144.4333 | 0.9819 | 0.0118 | 0.8507 | 0.8626 |
| 144.4667 | 0.9865 | 0.0118 | 0.856 | 0.8678 |
| 144.5 | 0.9908 | 0.025 | 0.856 | 0.881 |
| 144.5333 | 0.9951 | 0.0118 | 0.8665 | 0.8783 |
| 144.5667 | 0.9971 | 0 | 0.8639 | 0.8639 |
| 144.6 | 1.0037 | 0 | 0.8718 | 0.8718 |
| 144.6333 | 1.0063 | 0 | 0.8744 | 0.8744 |
| 144.6667 | 1.0139 | 0 | 0.877 | 0.877 |
| 144.7 | 1.0145 | 0 | 0.8783 | 0.8783 |
| 144.7333 | 1.0188 | 0.0118 | 0.8783 | 0.8902 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 144.7667 | 1.0218 | 0.025 | 0.8797 | 0.9046 |
| 144.8 | 1.0237 | 0.0118 | 0.8902 | 0.902 |
| 144.8333 | 1.028 | 0 | 0.8915 | 0.8915 |
| 144.8667 | 1.0313 | 0 | 0.8968 | 0.8968 |
| 144.9 | 1.0323 | 0 | 0.8994 | 0.8994 |
| 144.9333 | 1.0408 | 0 | 0.8981 | 0.8981 |
| 144.9667 | 1.0395 | 0 | 0.906 | 0.906 |
| 145 | 1.0451 | 0.0118 | 0.9086 | 0.9204 |
| 145.0333 | 1.0445 | 0.0118 | 0.9178 | 0.9296 |
| 145.0667 | 1.0497 | 0.025 | 0.9152 | 0.9401 |
| 145.1 | 1.0524 | 0.0118 | 0.9178 | 0.9296 |
| 145.1333 | 1.0563 | 0 | 0.9244 | 0.9244 |
| 145.1667 | 1.0557 | 0.0118 | 0.927 | 0.9388 |
| 145.2 | 1.0593 | 0 | 0.9296 | 0.9296 |
| 145.2333 | 1.0616 | 0 | 0.9349 | 0.9349 |
| 145.2667 | 1.0652 | 0.0118 | 0.9362 | 0.948 |
| 145.3 | 1.0665 | 0.0118 | 0.9388 | 0.9507 |
| 145.3333 | 1.0688 | 0.025 | 0.9454 | 0.9704 |
| 145.3667 | 1.0724 | 0.0118 | 0.9454 | 0.9572 |
| 145.4 | 1.0721 | 0 | 0.9494 | 0.9494 |
| 145.4333 | 1.0774 | 0 | 0.9546 | 0.9546 |
| 145.4667 | 1.0764 | 0.0118 | 0.9546 | 0.9664 |
| 145.5 | 1.0774 | 0 | 0.9586 | 0.9586 |
| 145.5333 | 1.0784 | 0.0118 | 0.9559 | 0.9678 |
| 145.5667 | 1.0797 | 0 | 0.9612 | 0.9612 |
| 145.6 | 1.0803 | 0.0118 | 0.9638 | 0.9756 |
| 145.6333 | 1.0869 | 0 | 0.9651 | 0.9651 |
| 145.6667 | 1.0886 | 0.0118 | 0.9678 | 0.9796 |
| 145.7 | 1.0869 | 0.0118 | 0.9717 | 0.9835 |
| 145.7333 | 1.0919 | 0 | 0.9796 | 0.9796 |
| 145.7667 | 1.0932 | 0.025 | 0.9783 | 1.0033 |
| 145.8 | 1.0919 | 0 | 0.9809 | 0.9809 |
| 145.8333 | 1.0971 | 0.0118 | 0.9809 | 0.9927 |
| 145.8667 | 1.0988 | 0.0118 | 0.9862 | 0.998 |
| 145.9 | 1.1017 | 0.0118 | 0.9941 | 1.0059 |
| 145.9333 | 1.1027 | 0.0118 | 0.9901 | 1.0019 |
| 145.9667 | 1.108 | 0.025 | 0.9993 | 1.0243 |
| 146 | 1.107 | 0.0118 | 1.0059 | 1.0177 |
| 146.0333 | 1.1113 | 0.0118 | 1.0046 | 1.0164 |
| 146.0667 | 1.1119 | 0.0118 | 1.0033 | 1.0151 |
| 146.1 | 1.1136 | 0.025 | 1.0098 | 1.0348 |
| 146.1333 | 1.1169 | 0.0118 | 1.0098 | 1.0217 |
| 146.1667 | 1.1162 | 0.025 | 1.0177 | 1.0427 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 146.2 | 1.1192 | 0 | 1.019 | 1.019 |
| 146.2333 | 1.1218 | 0.0118 | 1.0204 | 1.0322 |
| 146.2667 | 1.1254 | 0 | 1.0243 | 1.0243 |
| 146.3 | 1.1244 | 0.025 | 1.0256 | 1.0506 |
| 146.3333 | 1.1294 | 0.0118 | 1.0283 | 1.0401 |
| 146.3667 | 1.1307 | 0 | 1.0283 | 1.0283 |
| 146.4 | 1.1307 | 0 | 1.0348 | 1.0348 |
| 146.4333 | 1.135 | 0.025 | 1.0401 | 1.0651 |
| 146.4667 | 1.1386 | 0.0118 | 1.0375 | 1.0493 |
| 146.5 | 1.1399 | 0 | 1.0453 | 1.0453 |
| 146.5333 | 1.1409 | 0.0118 | 1.0427 | 1.0545 |
| 146.5667 | 1.1429 | 0 | 1.0467 | 1.0467 |
| 146.6 | 1.1458 | 0.0118 | 1.0493 | 1.0611 |
| 146.6333 | 1.1475 | 0 | 1.0532 | 1.0532 |
| 146.6667 | 1.1498 | 0 | 1.0546 | 1.0546 |
| 146.7 | 1.1528 | 0.0118 | 1.0585 | 1.0703 |
| 146.7333 | 1.1557 | 0.0118 | 1.0651 | 1.0769 |
| 146.7667 | 1.1567 | 0.0118 | 1.0651 | 1.0769 |
| 146.8 | 1.1554 | 0.0118 | 1.0677 | 1.0795 |
| 146.8333 | 1.1577 | 0 | 1.0664 | 1.0664 |
| 146.8667 | 1.16 | 0.0118 | 1.0677 | 1.0795 |
| 146.9 | 1.1633 | 0.0118 | 1.0743 | 1.0861 |
| 146.9333 | 1.1616 | 0.025 | 1.0703 | 1.0953 |
| 146.9667 | 1.1653 | 0.025 | 1.073 | 1.0979 |
| 147 | 1.1666 | 0 | 1.0809 | 1.0809 |
| 147.0333 | 1.1702 | 0.0118 | 1.0809 | 1.0927 |
| 147.0667 | 1.1709 | 0.025 | 1.0835 | 1.1085 |
| 147.1 | 1.1712 | 0.0118 | 1.0848 | 1.0966 |
| 147.1333 | 1.1761 | 0 | 1.0887 | 1.0887 |
| 147.1667 | 1.1774 | 0 | 1.0874 | 1.0874 |
| 147.2 | 1.1791 | 0.0118 | 1.0953 | 1.1071 |
| 147.2333 | 1.1784 | 0 | 1.094 | 1.094 |
| 147.2667 | 1.1788 | 0.025 | 1.0966 | 1.1216 |
| 147.3 | 1.1811 | 0 | 1.1045 | 1.1045 |
| 147.3333 | 1.183 | 0.0118 | 1.1085 | 1.1203 |
| 147.3667 | 1.1834 | 0.0118 | 1.1098 | 1.1216 |
| 147.4 | 1.186 | 0.0118 | 1.1111 | 1.1229 |
| 147.4333 | 1.1886 | 0.0118 | 1.1111 | 1.1229 |
| 147.4667 | 1.187 | 0.0118 | 1.1137 | 1.1256 |
| 147.5 | 1.1903 | 0.0118 | 1.1164 | 1.1282 |
| 147.5333 | 1.1929 | 0 | 1.1177 | 1.1177 |
| 147.5667 | 1.1946 | 0 | 1.1203 | 1.1203 |
| 147.6 | 1.1922 | 0 | 1.1216 | 1.1216 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 147.6333 | 1.1939 | 0.0118 | 1.1242 | 1.1361 |
| 147.6667 | 1.1982 | 0 | 1.1256 | 1.1256 |
| 147.7 | 1.1972 | 0 | 1.1282 | 1.1282 |
| 147.7333 | 1.2015 | 0.0118 | 1.1308 | 1.1426 |
| 147.7667 | 1.1998 | 0 | 1.1295 | 1.1295 |
| 147.8 | 1.2038 | 0.0118 | 1.1295 | 1.1413 |
| 147.8333 | 1.2051 | 0.0118 | 1.1387 | 1.1505 |
| 147.8667 | 1.2041 | 0.025 | 1.1387 | 1.1637 |
| 147.9 | 1.2034 | 0.025 | 1.1387 | 1.1637 |
| 147.9333 | 1.209 | 0.0118 | 1.14 | 1.1519 |
| 147.9667 | 1.2103 | 0.0118 | 1.1479 | 1.1597 |
| 148 | 1.212 | 0.0118 | 1.144 | 1.1558 |
| 148.0333 | 1.215 | 0.025 | 1.1479 | 1.1729 |
| 148.0667 | 1.2143 | 0 | 1.1545 | 1.1545 |
| 148.1 | 1.2169 | 0.0118 | 1.1545 | 1.1663 |
| 148.1333 | 1.2169 | 0.0118 | 1.1532 | 1.165 |
| 148.1667 | 1.2209 | 0.0118 | 1.1584 | 1.1703 |
| 148.2 | 1.2225 | 0 | 1.1571 | 1.1571 |
| 148.2333 | 1.2206 | 0 | 1.1558 | 1.1558 |
| 148.2667 | 1.2238 | 0 | 1.1584 | 1.1584 |
| 148.3 | 1.2242 | 0.0118 | 1.1663 | 1.1782 |
| 148.3333 | 1.2261 | 0.0118 | 1.1637 | 1.1755 |
| 148.3667 | 1.2271 | 0.0118 | 1.1676 | 1.1795 |
| 148.4 | 1.2298 | 0 | 1.1729 | 1.1729 |
| 148.4333 | 1.2294 | 0.0118 | 1.1729 | 1.1847 |
| 148.4667 | 1.2311 | 0 | 1.1703 | 1.1703 |
| 148.5 | 1.2308 | 0.0118 | 1.1768 | 1.1887 |
| 148.5333 | 1.2317 | 0.0118 | 1.1795 | 1.1913 |
| 148.5667 | 1.2347 | 0.025 | 1.186 | 1.211 |
| 148.6 | 1.2373 | 0.0118 | 1.186 | 1.1979 |
| 148.6333 | 1.2367 | 0.0118 | 1.1821 | 1.1939 |
| 148.6667 | 1.238 | 0 | 1.186 | 1.186 |
| 148.7 | 1.239 | 0.0118 | 1.186 | 1.1979 |
| 148.7333 | 1.2393 | 0 | 1.1887 | 1.1887 |
| 148.7667 | 1.2396 | 0 | 1.1953 | 1.1953 |
| 148.8 | 1.2459 | 0.0118 | 1.1953 | 1.2071 |
| 148.8333 | 1.2439 | 0.0118 | 1.1979 | 1.2097 |
| 148.8667 | 1.2475 | 0.025 | 1.2005 | 1.2255 |
| 148.9 | 1.2459 | 0 | 1.2031 | 1.2031 |
| 148.9333 | 1.2472 | 0 | 1.1992 | 1.1992 |
| 148.9667 | 1.2489 | 0.0118 | 1.2045 | 1.2163 |
| 149 | 1.2489 | 0.0118 | 1.2045 | 1.2163 |
| 149.0333 | 1.2462 | 0.0118 | 1.2123 | 1.2242 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 149.0667 | 1.2525 | 0.0118 | 1.2097 | 1.2215 |
| 149.1 | 1.2515 | 0.0118 | 1.2137 | 1.2255 |
| 149.1333 | 1.2521 | 0 | 1.2137 | 1.2137 |
| 149.1667 | 1.2548 | 0.0118 | 1.2123 | 1.2242 |
| 149.2 | 1.2518 | 0 | 1.2163 | 1.2163 |
| 149.2333 | 1.2564 | 0 | 1.2176 | 1.2176 |
| 149.2667 | 1.2541 | 0.0118 | 1.2202 | 1.2321 |
| 149.3 | 1.2558 | 0.0118 | 1.2229 | 1.2347 |
| 149.3333 | 1.2561 | 0 | 1.2229 | 1.2229 |
| 149.3667 | 1.2581 | 0.0118 | 1.2242 | 1.236 |
| 149.4 | 1.2587 | 0.0118 | 1.2321 | 1.2439 |
| 149.4333 | 1.2597 | 0.0118 | 1.2308 | 1.2426 |
| 149.4667 | 1.2594 | 0 | 1.2321 | 1.2321 |
| 149.5 | 1.2571 | 0.0118 | 1.2373 | 1.2492 |
| 149.5333 | 1.2597 | 0 | 1.2321 | 1.2321 |
| 149.5667 | 1.2633 | 0.0118 | 1.2386 | 1.2505 |
| 149.6 | 1.2627 | 0 | 1.2347 | 1.2347 |
| 149.6333 | 1.2594 | 0.0381 | 1.236 | 1.2741 |
| 149.6667 | 1.2633 | 0.0118 | 1.2386 | 1.2505 |
| 149.7 | 1.2604 | 0.0118 | 1.2426 | 1.2544 |
| 149.7333 | 1.2637 | 0 | 1.2452 | 1.2452 |
| 149.7667 | 1.2624 | 0.0118 | 1.2439 | 1.2557 |
| 149.8 | 1.266 | 0.0118 | 1.2465 | 1.2584 |
| 149.8333 | 1.266 | 0.025 | 1.2465 | 1.2715 |
| 149.8667 | 1.266 | 0.0118 | 1.2452 | 1.2571 |
| 149.9 | 1.2663 | 0.0118 | 1.2492 | 1.261 |
| 149.9333 | 1.2679 | 0 | 1.2544 | 1.2544 |
| 149.9667 | 1.2706 | 0.025 | 1.2518 | 1.2768 |
| 150 | 1.2709 | 0.0118 | 1.2531 | 1.2649 |
| 150.0333 | 1.2706 | 0.0118 | 1.2544 | 1.2663 |
| 150.0667 | 1.2712 | 0.0118 | 1.2597 | 1.2715 |
| 150.1 | 1.2752 | 0.025 | 1.2584 | 1.2834 |
| 150.1333 | 1.2732 | 0 | 1.261 | 1.261 |
| 150.1667 | 1.2735 | 0.0381 | 1.2636 | 1.3018 |
| 150.2 | 1.2762 | 0 | 1.2636 | 1.2636 |
| 150.2333 | 1.2745 | 0.0118 | 1.2649 | 1.2768 |
| 150.2667 | 1.2765 | 0 | 1.2702 | 1.2702 |
| 150.3 | 1.2775 | 0.0118 | 1.2689 | 1.2807 |
| 150.3333 | 1.2847 | 0.025 | 1.2689 | 1.2939 |
| 150.3667 | 1.2897 | 0 | 1.2755 | 1.2755 |
| 150.4 | 1.2923 | 0 | 1.2728 | 1.2728 |
| 150.4333 | 1.3051 | 0.0118 | 1.2742 | 1.286 |
| 150.4667 | 1.3088 | 0.0118 | 1.2768 | 1.2886 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 150.5 | 1.3137 | 0.0118 | 1.2781 | 1.2899 |
| 150.5333 | 1.3193 | 0 | 1.2781 | 1.2781 |
| 150.5667 | 1.3246 | 0.0118 | 1.2873 | 1.2991 |
| 150.6 | 1.3282 | 0.0118 | 1.2847 | 1.2965 |
| 150.6333 | 1.3338 | 0 | 1.2847 | 1.2847 |
| 150.6667 | 1.3404 | 0.0118 | 1.2873 | 1.2991 |
| 150.7 | 1.3443 | 0.0118 | 1.2926 | 1.3044 |
| 150.7333 | 1.3509 | 0 | 1.2939 | 1.2939 |
| 150.7667 | 1.3548 | 0.0118 | 1.2991 | 1.311 |
| 150.8 | 1.3614 | 0.0118 | 1.3044 | 1.3162 |
| 150.8333 | 1.3634 | 0.0118 | 1.2991 | 1.311 |
| 150.8667 | 1.3683 | 0.0118 | 1.3031 | 1.3149 |
| 150.9 | 1.3726 | 0.0118 | 1.3097 | 1.3215 |
| 150.9333 | 1.3792 | 0.0118 | 1.3097 | 1.3215 |
| 150.9667 | 1.3812 | 0.0118 | 1.3136 | 1.3254 |
| 151 | 1.3868 | 0 | 1.3162 | 1.3162 |
| 151.0333 | 1.3917 | 0.0118 | 1.3175 | 1.3294 |
| 151.0667 | 1.3953 | 0 | 1.3281 | 1.3281 |
| 151.1 | 1.4006 | 0.0118 | 1.3215 | 1.3333 |
| 151.1333 | 1.4036 | 0.0118 | 1.3281 | 1.3399 |
| 151.1667 | 1.4055 | 0 | 1.3294 | 1.3294 |
| 151.2 | 1.4101 | 0.025 | 1.3333 | 1.3583 |
| 151.2333 | 1.4161 | 0.025 | 1.3373 | 1.3623 |
| 151.2667 | 1.4184 | 0.0381 | 1.3399 | 1.378 |
| 151.3 | 1.4243 | 0 | 1.3399 | 1.3399 |
| 151.3333 | 1.4249 | 0 | 1.3438 | 1.3438 |
| 151.3667 | 1.4299 | 0.0118 | 1.3491 | 1.3609 |
| 151.4 | 1.4335 | 0 | 1.3438 | 1.3438 |
| 151.4333 | 1.4378 | 0.025 | 1.3504 | 1.3754 |
| 151.4667 | 1.4398 | 0 | 1.357 | 1.357 |
| 151.5 | 1.4417 | 0.0118 | 1.3583 | 1.3701 |
| 151.5333 | 1.4457 | 0.0118 | 1.3623 | 1.3741 |
| 151.5667 | 1.4457 | 0.025 | 1.3662 | 1.3912 |
| 151.6 | 1.45 | 0.0381 | 1.3649 | 1.403 |
| 151.6333 | 1.4562 | 0 | 1.3662 | 1.3662 |
| 151.6667 | 1.4519 | 0 | 1.3688 | 1.3688 |
| 151.7 | 1.4477 | 0 | 1.3767 | 1.3767 |
| 151.7333 | 1.4427 | 0.025 | 1.3754 | 1.4004 |
| 151.7667 | 1.4384 | 0 | 1.3807 | 1.3807 |
| 151.8 | 1.4345 | 0.0118 | 1.3794 | 1.3912 |
| 151.8333 | 1.4296 | 0.0118 | 1.3833 | 1.3951 |
| 151.8667 | 1.4253 | 0.0118 | 1.3886 | 1.4004 |
| 151.9 | 1.4233 | 0 | 1.3833 | 1.3833 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 151.9333 | 1.4138 | 0.0118 | 1.3886 | 1.4004 |
| 151.9667 | 1.4131 | 0.0118 | 1.3925 | 1.4043 |
| 152 | 1.4082 | 0.0118 | 1.4004 | 1.4122 |
| 152.0333 | 1.4052 | 0.025 | 1.3938 | 1.4188 |
| 152.0667 | 1.3993 | 0 | 1.3938 | 1.3938 |
| 152.1 | 1.396 | 0.025 | 1.3991 | 1.4241 |
| 152.1333 | 1.3914 | 0 | 1.3978 | 1.3978 |
| 152.1667 | 1.3881 | 0.0118 | 1.3964 | 1.4083 |
| 152.2 | 1.3878 | 0.025 | 1.4043 | 1.4293 |
| 152.2333 | 1.3874 | 0 | 1.4004 | 1.4004 |
| 152.2667 | 1.3831 | 0 | 1.4017 | 1.4017 |
| 152.3 | 1.3792 | 0 | 1.403 | 1.403 |
| 152.3333 | 1.3779 | 0 | 1.4109 | 1.4109 |
| 152.3667 | 1.3756 | 0 | 1.4109 | 1.4109 |
| 152.4 | 1.3733 | 0.0118 | 1.4109 | 1.4227 |
| 152.4333 | 1.371 | 0.0118 | 1.4096 | 1.4214 |
| 152.4667 | 1.3696 | 0 | 1.4149 | 1.4149 |
| 152.5 | 1.3716 | 0 | 1.4096 | 1.4096 |
| 152.5333 | 1.3693 | 0 | 1.4122 | 1.4122 |
| 152.5667 | 1.3716 | 0.025 | 1.4135 | 1.4385 |
| 152.6 | 1.3693 | 0.0118 | 1.4188 | 1.4306 |
| 152.6333 | 1.3673 | 0.025 | 1.4201 | 1.4451 |
| 152.6667 | 1.37 | 0.0118 | 1.4188 | 1.4306 |
| 152.7 | 1.3716 | 0 | 1.4135 | 1.4135 |
| 152.7333 | 1.3733 | 0 | 1.4201 | 1.4201 |
| 152.7667 | 1.3766 | 0.0118 | 1.4188 | 1.4306 |
| 152.8 | 1.3762 | 0 | 1.4188 | 1.4188 |
| 152.8333 | 1.3818 | 0.025 | 1.4201 | 1.4451 |
| 152.8667 | 1.3845 | 0 | 1.4214 | 1.4214 |
| 152.9 | 1.3878 | 0.0118 | 1.4254 | 1.4372 |
| 152.9333 | 1.3904 | 0 | 1.4241 | 1.4241 |
| 152.9667 | 1.3947 | 0 | 1.4227 | 1.4227 |
| 153 | 1.4022 | 0.0118 | 1.4241 | 1.4359 |
| 153.0333 | 1.4029 | 0 | 1.4227 | 1.4227 |
| 153.0667 | 1.4085 | 0 | 1.4267 | 1.4267 |
| 153.1 | 1.4151 | 0 | 1.4293 | 1.4293 |
| 153.1333 | 1.4151 | 0.0118 | 1.4267 | 1.4385 |
| 153.1667 | 1.4184 | 0.0118 | 1.428 | 1.4398 |
| 153.2 | 1.4259 | 0.0118 | 1.4306 | 1.4425 |
| 153.2333 | 1.4272 | 0.0118 | 1.4359 | 1.4477 |
| 153.2667 | 1.4319 | 0 | 1.4293 | 1.4293 |
| 153.3 | 1.4348 | 0.0118 | 1.4359 | 1.4477 |
| 153.3333 | 1.4365 | 0.0118 | 1.4319 | 1.4438 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 153.3667 | 1.4394 | 0.025 | 1.4346 | 1.4596 |
| 153.4 | 1.4437 | 0 | 1.4333 | 1.4333 |
| 153.4333 | 1.4473 | 0.0118 | 1.4372 | 1.449 |
| 153.4667 | 1.4493 | 0.0118 | 1.4372 | 1.449 |
| 153.5 | 1.4493 | 0.0118 | 1.4385 | 1.4504 |
| 153.5333 | 1.4506 | 0 | 1.4346 | 1.4346 |
| 153.5667 | 1.4559 | 0 | 1.4319 | 1.4319 |
| 153.6 | 1.4546 | 0 | 1.4333 | 1.4333 |
| 153.6333 | 1.4572 | 0.0118 | 1.4398 | 1.4517 |
| 153.6667 | 1.4572 | 0.0118 | 1.4385 | 1.4504 |
| 153.7 | 1.4615 | 0.0118 | 1.4412 | 1.453 |
| 153.7333 | 1.4621 | 0 | 1.4425 | 1.4425 |
| 153.7667 | 1.4648 | 0 | 1.449 | 1.449 |
| 153.8 | 1.4674 | 0 | 1.4504 | 1.4504 |
| 153.8333 | 1.4677 | 0.0118 | 1.4543 | 1.4661 |
| 153.8667 | 1.4694 | 0.0118 | 1.4543 | 1.4661 |
| 153.9 | 1.4704 | 0.0118 | 1.4556 | 1.4674 |
| 153.9333 | 1.4707 | 0.0118 | 1.4556 | 1.4674 |
| 153.9667 | 1.472 | 0.0118 | 1.4609 | 1.4727 |
| 154 | 1.4756 | 0 | 1.4622 | 1.4622 |
| 154.0333 | 1.4723 | 0.0118 | 1.4661 | 1.478 |
| 154.0667 | 1.4766 | 0 | 1.4648 | 1.4648 |
| 154.1 | 1.475 | 0 | 1.4675 | 1.4675 |
| 154.1333 | 1.474 | 0.025 | 1.4688 | 1.4937 |
| 154.1667 | 1.4796 | 0.025 | 1.4714 | 1.4964 |
| 154.2 | 1.4766 | 0.0118 | 1.4661 | 1.478 |
| 154.2333 | 1.4786 | 0 | 1.4727 | 1.4727 |
| 154.2667 | 1.4783 | 0.0118 | 1.4688 | 1.4806 |
| 154.3 | 1.4789 | 0.0118 | 1.474 | 1.4859 |
| 154.3333 | 1.4799 | 0.0118 | 1.4753 | 1.4872 |
| 154.3667 | 1.4783 | 0.025 | 1.4688 | 1.4937 |
| 154.4 | 1.4783 | 0 | 1.4714 | 1.4714 |
| 154.4333 | 1.4779 | 0.025 | 1.4753 | 1.5003 |
| 154.4667 | 1.4793 | 0 | 1.4832 | 1.4832 |
| 154.5 | 1.4763 | 0.0118 | 1.4806 | 1.4924 |
| 154.5333 | 1.4783 | 0 | 1.4819 | 1.4819 |
| 154.5667 | 1.4769 | 0 | 1.4859 | 1.4859 |
| 154.6 | 1.4796 | 0.0118 | 1.4845 | 1.4964 |
| 154.6333 | 1.476 | 0.0118 | 1.4885 | 1.5003 |
| 154.6667 | 1.4779 | 0 | 1.4885 | 1.4885 |
| 154.7 | 1.4773 | 0.0118 | 1.4898 | 1.5016 |
| 154.7333 | 1.4746 | 0.0118 | 1.4872 | 1.499 |
| 154.7667 | 1.475 | 0.025 | 1.4938 | 1.5187 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 154.8 | 1.4779 | 0.0118 | 1.4938 | 1.5056 |
| 154.8333 | 1.4766 | 0 | 1.4951 | 1.4951 |
| 154.8667 | 1.474 | 0 | 1.4885 | 1.4885 |
| 154.9 | 1.4746 | 0 | 1.4938 | 1.4938 |
| 154.9333 | 1.4766 | 0 | 1.4964 | 1.4964 |
| 154.9667 | 1.4743 | 0 | 1.4911 | 1.4911 |
| 155 | 1.4753 | 0 | 1.4977 | 1.4977 |
| 155.0333 | 1.473 | 0.0118 | 1.4977 | 1.5095 |
| 155.0667 | 1.4727 | 0 | 1.5016 | 1.5016 |
| 155.1 | 1.471 | 0.0118 | 1.4964 | 1.5082 |
| 155.1333 | 1.4727 | 0.025 | 1.5003 | 1.5253 |
| 155.1667 | 1.4737 | 0.0118 | 1.5043 | 1.5161 |
| 155.2 | 1.4684 | 0 | 1.5016 | 1.5016 |
| 155.2333 | 1.4681 | 0 | 1.5016 | 1.5016 |
| 155.2667 | 1.4714 | 0.0118 | 1.5016 | 1.5135 |
| 155.3 | 1.4694 | 0.0118 | 1.499 | 1.5108 |
| 155.3333 | 1.4684 | 0 | 1.5069 | 1.5069 |
| 155.3667 | 1.4664 | 0 | 1.5108 | 1.5108 |
| 155.4 | 1.4654 | 0.0118 | 1.5095 | 1.5214 |
| 155.4333 | 1.4674 | 0 | 1.5122 | 1.5122 |
| 155.4667 | 1.4654 | 0.025 | 1.5095 | 1.5345 |
| 155.5 | 1.4681 | 0.0118 | 1.5135 | 1.5253 |
| 155.5333 | 1.4664 | 0.0118 | 1.5135 | 1.5253 |
| 155.5667 | 1.4674 | 0 | 1.5161 | 1.5161 |
| 155.6 | 1.4651 | 0.0118 | 1.5148 | 1.5266 |
| 155.6333 | 1.4671 | 0 | 1.5187 | 1.5187 |
| 155.6667 | 1.4667 | 0.0118 | 1.5174 | 1.5293 |
| 155.7 | 1.4684 | 0.025 | 1.5174 | 1.5424 |
| 155.7333 | 1.469 | 0 | 1.5201 | 1.5201 |
| 155.7667 | 1.4677 | 0 | 1.5227 | 1.5227 |
| 155.8 | 1.4664 | 0 | 1.5201 | 1.5201 |
| 155.8333 | 1.4661 | 0 | 1.524 | 1.524 |
| 155.8667 | 1.4654 | 0.0118 | 1.5253 | 1.5371 |
| 155.9 | 1.4671 | 0 | 1.5227 | 1.5227 |
| 155.9333 | 1.4638 | 0.0118 | 1.5253 | 1.5371 |
| 155.9667 | 1.4631 | 0.025 | 1.5253 | 1.5503 |
| 156 | 1.4628 | 0.0118 | 1.5266 | 1.5385 |
| 156.0333 | 1.4648 | 0 | 1.5253 | 1.5253 |
| 156.0667 | 1.4635 | 0.0118 | 1.524 | 1.5358 |
| 156.1 | 1.4602 | 0 | 1.5306 | 1.5306 |
| 156.1333 | 1.4618 | 0.0118 | 1.5279 | 1.5398 |
| 156.1667 | 1.4605 | 0 | 1.5266 | 1.5266 |
| 156.2 | 1.4611 | 0 | 1.5279 | 1.5279 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 156.2333 | 1.4611 | 0 | 1.5293 | 1.5293 |
| 156.2667 | 1.4638 | 0.0118 | 1.5306 | 1.5424 |
| 156.3 | 1.4598 | 0 | 1.5266 | 1.5266 |
| 156.3333 | 1.4595 | 0 | 1.5332 | 1.5332 |
| 156.3667 | 1.4618 | 0.0118 | 1.5306 | 1.5424 |
| 156.4 | 1.4621 | 0 | 1.5345 | 1.5345 |
| 156.4333 | 1.4618 | 0 | 1.5398 | 1.5398 |
| 156.4667 | 1.4611 | 0 | 1.5306 | 1.5306 |
| 156.5 | 1.4598 | 0.0118 | 1.5358 | 1.5477 |
| 156.5333 | 1.4625 | 0.0118 | 1.5371 | 1.549 |
| 156.5667 | 1.4618 | 0 | 1.5332 | 1.5332 |
| 156.6 | 1.4585 | 0 | 1.5358 | 1.5358 |
| 156.6333 | 1.4605 | 0.0118 | 1.5385 | 1.5503 |
| 156.6667 | 1.4582 | 0.025 | 1.5358 | 1.5608 |
| 156.7 | 1.4618 | 0 | 1.5358 | 1.5358 |
| 156.7333 | 1.4588 | 0 | 1.5371 | 1.5371 |
| 156.7667 | 1.4569 | 0 | 1.5358 | 1.5358 |
| 156.8 | 1.4588 | 0 | 1.5358 | 1.5358 |
| 156.8333 | 1.4575 | 0.0118 | 1.5371 | 1.549 |
| 156.8667 | 1.4572 | 0.0118 | 1.5385 | 1.5503 |
| 156.9 | 1.4585 | 0.025 | 1.5398 | 1.5648 |
| 156.9333 | 1.4598 | 0.025 | 1.5371 | 1.5621 |
| 156.9667 | 1.4575 | 0 | 1.5398 | 1.5398 |
| 157 | 1.4582 | 0.0118 | 1.5411 | 1.5529 |
| 157.0333 | 1.4585 | 0 | 1.5385 | 1.5385 |
| 157.0667 | 1.4592 | 0 | 1.5371 | 1.5371 |
| 157.1 | 1.4611 | 0 | 1.5385 | 1.5385 |
| 157.1333 | 1.4549 | 0 | 1.5371 | 1.5371 |
| 157.1667 | 1.4569 | 0.0118 | 1.5398 | 1.5516 |
| 157.2 | 1.4602 | 0.0118 | 1.5437 | 1.5556 |
| 157.2333 | 1.4588 | 0.0118 | 1.5411 | 1.5529 |
| 157.2667 | 1.4598 | 0.025 | 1.5411 | 1.5661 |
| 157.3 | 1.4579 | 0.0118 | 1.5424 | 1.5542 |
| 157.3333 | 1.4572 | 0.0118 | 1.5424 | 1.5542 |
| 157.3667 | 1.4562 | 0.0118 | 1.5371 | 1.549 |
| 157.4 | 1.4562 | 0.0118 | 1.5424 | 1.5542 |
| 157.4333 | 1.4585 | 0.025 | 1.5424 | 1.5674 |
| 157.4667 | 1.4559 | 0.0118 | 1.5411 | 1.5529 |
| 157.5 | 1.4575 | 0.0118 | 1.5424 | 1.5542 |
| 157.5333 | 1.4559 | 0.0118 | 1.545 | 1.5569 |
| 157.5667 | 1.4559 | 0.0118 | 1.5358 | 1.5477 |
| 157.6 | 1.4552 | 0.0118 | 1.5411 | 1.5529 |
| 157.6333 | 1.4549 | 0.0118 | 1.5464 | 1.5582 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 157.6667 | 1.4549 | 0.025 | 1.545 | 1.57 |
| 157.7 | 1.4556 | 0.0118 | 1.545 | 1.5569 |
| 157.7333 | 1.4569 | 0 | 1.5477 | 1.5477 |
| 157.7667 | 1.4562 | 0 | 1.5464 | 1.5464 |
| 157.8 | 1.4546 | 0 | 1.5529 | 1.5529 |
| 157.8333 | 1.4562 | 0.0118 | 1.5464 | 1.5582 |
| 157.8667 | 1.4562 | 0.0118 | 1.549 | 1.5608 |
| 157.9 | 1.4556 | 0 | 1.5516 | 1.5516 |
| 157.9333 | 1.4559 | 0 | 1.5477 | 1.5477 |
| 157.9667 | 1.4536 | 0 | 1.5529 | 1.5529 |
| 158 | 1.4546 | 0.0118 | 1.549 | 1.5608 |
| 158.0333 | 1.4549 | 0.0118 | 1.549 | 1.5608 |
| 158.0667 | 1.4542 | 0 | 1.5503 | 1.5503 |
| 158.1 | 1.4536 | 0 | 1.549 | 1.549 |
| 158.1333 | 1.4556 | 0 | 1.5464 | 1.5464 |
| 158.1667 | 1.4556 | 0.0118 | 1.5503 | 1.5621 |
| 158.2 | 1.4539 | 0.0118 | 1.5556 | 1.5674 |
| 158.2333 | 1.4539 | 0 | 1.5542 | 1.5542 |
| 158.2667 | 1.4542 | 0 | 1.5542 | 1.5542 |
| 158.3 | 1.4532 | 0.0118 | 1.5542 | 1.5661 |
| 158.3333 | 1.4509 | 0 | 1.5595 | 1.5595 |
| 158.3667 | 1.4552 | 0.0118 | 1.5608 | 1.5726 |
| 158.4 | 1.4529 | 0.0118 | 1.5556 | 1.5674 |
| 158.4333 | 1.4526 | 0.0118 | 1.5529 | 1.5648 |
| 158.4667 | 1.4529 | 0 | 1.5621 | 1.5621 |
| 158.5 | 1.4539 | 0 | 1.5556 | 1.5556 |
| 158.5333 | 1.4539 | 0 | 1.5503 | 1.5503 |
| 158.5667 | 1.4539 | 0.0118 | 1.5569 | 1.5687 |
| 158.6 | 1.4506 | 0 | 1.5556 | 1.5556 |
| 158.6333 | 1.4509 | 0.0118 | 1.5542 | 1.5661 |
| 158.6667 | 1.4532 | 0 | 1.5556 | 1.5556 |
| 158.7 | 1.4549 | 0.025 | 1.5569 | 1.5819 |
| 158.7333 | 1.4513 | 0 | 1.5542 | 1.5542 |
| 158.7667 | 1.4542 | 0.0118 | 1.5608 | 1.5726 |
| 158.8 | 1.4539 | 0.0118 | 1.5582 | 1.57 |
| 158.8333 | 1.4542 | 0.0118 | 1.5595 | 1.5713 |
| 158.8667 | 1.4509 | 0 | 1.5595 | 1.5595 |
| 158.9 | 1.4526 | 0.025 | 1.5621 | 1.5871 |
| 158.9333 | 1.4532 | 0.025 | 1.5595 | 1.5845 |
| 158.9667 | 1.4542 | 0.0118 | 1.5582 | 1.57 |
| 159 | 1.449 | 0.025 | 1.5595 | 1.5845 |
| 159.0333 | 1.4546 | 0 | 1.5542 | 1.5542 |
| 159.0667 | 1.448 | 0 | 1.5582 | 1.5582 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 159.1 | 1.447 | 0.025 | 1.5569 | 1.5819 |
| 159.1333 | 1.4526 | 0.025 | 1.5582 | 1.5832 |
| 159.1667 | 1.4523 | 0.0118 | 1.5621 | 1.574 |
| 159.2 | 1.4503 | 0 | 1.5608 | 1.5608 |
| 159.2333 | 1.4516 | 0 | 1.5556 | 1.5556 |
| 159.2667 | 1.4506 | 0.0118 | 1.5621 | 1.574 |
| 159.3 | 1.4509 | 0 | 1.5634 | 1.5634 |
| 159.3333 | 1.4513 | 0.0118 | 1.5634 | 1.5753 |
| 159.3667 | 1.449 | 0.0118 | 1.5634 | 1.5753 |
| 159.4 | 1.4506 | 0.0118 | 1.5621 | 1.574 |
| 159.4333 | 1.4536 | 0.0118 | 1.5621 | 1.574 |
| 159.4667 | 1.4496 | 0 | 1.5595 | 1.5595 |
| 159.5 | 1.4483 | 0 | 1.5608 | 1.5608 |
| 159.5333 | 1.4503 | 0.025 | 1.5634 | 1.5884 |
| 159.5667 | 1.4513 | 0.0118 | 1.5608 | 1.5726 |
| 159.6 | 1.4536 | 0.0118 | 1.5621 | 1.574 |
| 159.6333 | 1.449 | 0.0118 | 1.5621 | 1.574 |
| 159.6667 | 1.4509 | 0.0118 | 1.5648 | 1.5766 |
| 159.7 | 1.449 | 0.0118 | 1.5634 | 1.5753 |
| 159.7333 | 1.4526 | 0.025 | 1.5608 | 1.5858 |
| 159.7667 | 1.4486 | 0.0118 | 1.5621 | 1.574 |
| 159.8 | 1.4513 | 0.0118 | 1.5608 | 1.5726 |
| 159.8333 | 1.45 | 0.0118 | 1.5621 | 1.574 |
| 159.8667 | 1.4483 | 0.0118 | 1.5608 | 1.5726 |
| 159.9 | 1.4477 | 0 | 1.5621 | 1.5621 |
| 159.9333 | 1.45 | 0.0118 | 1.5621 | 1.574 |
| 159.9667 | 1.4463 | 0 | 1.5648 | 1.5648 |
| 160 | 1.4503 | 0 | 1.5608 | 1.5608 |
| 160.0333 | 1.4493 | 0 | 1.5595 | 1.5595 |
| 160.0667 | 1.4503 | 0.0118 | 1.5608 | 1.5726 |
| 160.1 | 1.4526 | 0 | 1.5582 | 1.5582 |
| 160.1333 | 1.4503 | 0.0118 | 1.5634 | 1.5753 |
| 160.1667 | 1.4473 | 0.0118 | 1.5634 | 1.5753 |
| 160.2 | 1.4509 | 0.0118 | 1.5621 | 1.574 |
| 160.2333 | 1.4486 | 0.0118 | 1.5634 | 1.5753 |
| 160.2667 | 1.45 | 0 | 1.5648 | 1.5648 |
| 160.3 | 1.445 | 0.0118 | 1.5608 | 1.5726 |
| 160.3333 | 1.4493 | 0 | 1.5648 | 1.5648 |
| 160.3667 | 1.4506 | 0 | 1.5634 | 1.5634 |
| 160.4 | 1.4496 | 0 | 1.5621 | 1.5621 |
| 160.4333 | 1.4493 | 0 | 1.5687 | 1.5687 |
| 160.4667 | 1.4483 | 0 | 1.5634 | 1.5634 |
| 160.5 | 1.449 | 0 | 1.5674 | 1.5674 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 160.5333 | 1.4454 | 0.025 | 1.5674 | 1.5924 |
| 160.5667 | 1.4483 | 0.0118 | 1.5648 | 1.5766 |
| 160.6 | 1.4467 | 0 | 1.5621 | 1.5621 |
| 160.6333 | 1.4467 | 0.025 | 1.5648 | 1.5897 |
| 160.6667 | 1.4473 | 0 | 1.5634 | 1.5634 |
| 160.7 | 1.448 | 0 | 1.5621 | 1.5621 |
| 160.7333 | 1.4503 | 0 | 1.5634 | 1.5634 |
| 160.7667 | 1.4506 | 0 | 1.5608 | 1.5608 |
| 160.8 | 1.4483 | 0 | 1.5661 | 1.5661 |
| 160.8333 | 1.447 | 0.0118 | 1.5648 | 1.5766 |
| 160.8667 | 1.4477 | 0 | 1.5648 | 1.5648 |
| 160.9 | 1.4493 | 0.0118 | 1.5648 | 1.5766 |
| 160.9333 | 1.4509 | 0.0118 | 1.5634 | 1.5753 |
| 160.9667 | 1.447 | 0 | 1.5634 | 1.5634 |
| 161 | 1.4486 | 0.0118 | 1.5634 | 1.5753 |
| 161.0333 | 1.4483 | 0 | 1.5608 | 1.5608 |
| 161.0667 | 1.4457 | 0.0118 | 1.5648 | 1.5766 |
| 161.1 | 1.445 | 0.025 | 1.5595 | 1.5845 |
| 161.1333 | 1.4486 | 0 | 1.5661 | 1.5661 |
| 161.1667 | 1.449 | 0.0118 | 1.5661 | 1.5779 |
| 161.2 | 1.4503 | 0 | 1.5621 | 1.5621 |
| 161.2333 | 1.447 | 0 | 1.5634 | 1.5634 |
| 161.2667 | 1.447 | 0.0118 | 1.5582 | 1.57 |
| 161.3 | 1.4483 | 0.025 | 1.5621 | 1.5871 |
| 161.3333 | 1.446 | 0 | 1.5661 | 1.5661 |
| 161.3667 | 1.4444 | 0.025 | 1.5608 | 1.5858 |
| 161.4 | 1.4486 | 0 | 1.5608 | 1.5608 |
| 161.4333 | 1.4467 | 0 | 1.5608 | 1.5608 |
| 161.4667 | 1.4473 | 0 | 1.5661 | 1.5661 |
| 161.5 | 1.4483 | 0 | 1.5582 | 1.5582 |
| 161.5333 | 1.447 | 0 | 1.5661 | 1.5661 |
| 161.5667 | 1.446 | 0.0118 | 1.5661 | 1.5779 |
| 161.6 | 1.448 | 0 | 1.5608 | 1.5608 |
| 161.6333 | 1.4483 | 0 | 1.5569 | 1.5569 |
| 161.6667 | 1.4447 | 0 | 1.5634 | 1.5634 |
| 161.7 | 1.4486 | 0.0118 | 1.5661 | 1.5779 |
| 161.7333 | 1.447 | 0 | 1.5648 | 1.5648 |
| 161.7667 | 1.4437 | 0 | 1.57 | 1.57 |
| 161.8 | 1.4463 | 0.025 | 1.5634 | 1.5884 |
| 161.8333 | 1.4473 | 0.0118 | 1.5674 | 1.5792 |
| 161.8667 | 1.4477 | 0 | 1.5648 | 1.5648 |
| 161.9 | 1.448 | 0 | 1.5621 | 1.5621 |
| 161.9333 | 1.4444 | 0.0118 | 1.5674 | 1.5792 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 161.9667 | 1.4457 | 0.0118 | 1.5713 | 1.5832 |
| 162 | 1.4454 | 0.025 | 1.57 | 1.595 |
| 162.0333 | 1.446 | 0 | 1.5634 | 1.5634 |
| 162.0667 | 1.446 | 0.0118 | 1.5687 | 1.5805 |
| 162.1 | 1.4447 | 0 | 1.5674 | 1.5674 |
| 162.1333 | 1.4457 | 0 | 1.57 | 1.57 |
| 162.1667 | 1.4434 | 0 | 1.5713 | 1.5713 |
| 162.2 | 1.4454 | 0 | 1.5648 | 1.5648 |
| 162.2333 | 1.4463 | 0.0118 | 1.5713 | 1.5832 |
| 162.2667 | 1.444 | 0 | 1.5661 | 1.5661 |
| 162.3 | 1.4457 | 0.0118 | 1.57 | 1.5819 |
| 162.3333 | 1.4454 | 0 | 1.5687 | 1.5687 |
| 162.3667 | 1.444 | 0.0118 | 1.5634 | 1.5753 |
| 162.4 | 1.4457 | 0 | 1.5674 | 1.5674 |
| 162.4333 | 1.4454 | 0.0118 | 1.5674 | 1.5792 |
| 162.4667 | 1.444 | 0 | 1.5674 | 1.5674 |
| 162.5 | 1.444 | 0.0118 | 1.5727 | 1.5845 |
| 162.5333 | 1.4454 | 0.025 | 1.5713 | 1.5963 |
| 162.5667 | 1.445 | 0 | 1.5687 | 1.5687 |
| 162.6 | 1.4463 | 0.0118 | 1.5687 | 1.5805 |
| 162.6333 | 1.443 | 0.0118 | 1.5648 | 1.5766 |
| 162.6667 | 1.4454 | 0.0118 | 1.5661 | 1.5779 |
| 162.7 | 1.4457 | 0 | 1.57 | 1.57 |
| 162.7333 | 1.4454 | 0.0118 | 1.5674 | 1.5792 |
| 162.7667 | 1.4454 | 0.0118 | 1.57 | 1.5819 |
| 162.8 | 1.446 | 0.0118 | 1.5687 | 1.5805 |
| 162.8333 | 1.4467 | 0 | 1.5713 | 1.5713 |
| 162.8667 | 1.446 | 0.0118 | 1.57 | 1.5819 |
| 162.9 | 1.4444 | 0 | 1.5727 | 1.5727 |
| 162.9333 | 1.4467 | 0 | 1.5687 | 1.5687 |
| 162.9667 | 1.444 | 0.0118 | 1.5661 | 1.5779 |
| 163 | 1.4437 | 0 | 1.5648 | 1.5648 |
| 163.0333 | 1.445 | 0 | 1.5648 | 1.5648 |
| 163.0667 | 1.4454 | 0 | 1.5687 | 1.5687 |
| 163.1 | 1.4454 | 0.0118 | 1.5648 | 1.5766 |
| 163.1333 | 1.4463 | 0 | 1.5648 | 1.5648 |
| 163.1667 | 1.4421 | 0 | 1.5674 | 1.5674 |
| 163.2 | 1.4427 | 0.025 | 1.5674 | 1.5924 |
| 163.2333 | 1.4454 | 0.0118 | 1.5621 | 1.574 |
| 163.2667 | 1.4437 | 0.0118 | 1.5674 | 1.5792 |
| 163.3 | 1.4454 | 0.025 | 1.5674 | 1.5924 |
| 163.3333 | 1.4437 | 0 | 1.57 | 1.57 |
| 163.3667 | 1.4457 | 0.025 | 1.5634 | 1.5884 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 163.4 | 1.444 | 0 | 1.5634 | 1.5634 |
| 163.4333 | 1.445 | 0.025 | 1.5648 | 1.5897 |
| 163.4667 | 1.444 | 0.0118 | 1.5687 | 1.5805 |
| 163.5 | 1.444 | 0.0118 | 1.5648 | 1.5766 |
| 163.5333 | 1.447 | 0 | 1.5621 | 1.5621 |
| 163.5667 | 1.4444 | 0.0118 | 1.5674 | 1.5792 |
| 163.6 | 1.4427 | 0.0118 | 1.57 | 1.5819 |
| 163.6333 | 1.446 | 0.0381 | 1.57 | 1.6082 |
| 163.6667 | 1.446 | 0.025 | 1.5674 | 1.5924 |
| 163.7 | 1.4457 | 0.0118 | 1.5687 | 1.5805 |
| 163.7333 | 1.4414 | 0 | 1.57 | 1.57 |
| 163.7667 | 1.4447 | 0.0118 | 1.5674 | 1.5792 |
| 163.8 | 1.4447 | 0 | 1.5621 | 1.5621 |
| 163.8333 | 1.4454 | 0.0118 | 1.5634 | 1.5753 |
| 163.8667 | 1.4447 | 0.0118 | 1.5661 | 1.5779 |
| 163.9 | 1.4447 | 0 | 1.5674 | 1.5674 |
| 163.9333 | 1.4421 | 0 | 1.5648 | 1.5648 |
| 163.9667 | 1.4467 | 0 | 1.5595 | 1.5595 |
| 164 | 1.4424 | 0.0118 | 1.5634 | 1.5753 |
| 164.0333 | 1.4417 | 0 | 1.5634 | 1.5634 |
| 164.0667 | 1.443 | 0.0118 | 1.5674 | 1.5792 |
| 164.1 | 1.4454 | 0.0118 | 1.5687 | 1.5805 |
| 164.1333 | 1.4427 | 0 | 1.5661 | 1.5661 |
| 164.1667 | 1.443 | 0.0118 | 1.5674 | 1.5792 |
| 164.2 | 1.444 | 0.0118 | 1.5634 | 1.5753 |
| 164.2333 | 1.4424 | 0.0118 | 1.5674 | 1.5792 |
| 164.2667 | 1.4434 | 0 | 1.5661 | 1.5661 |
| 164.3 | 1.4414 | 0.0118 | 1.5621 | 1.574 |
| 164.3333 | 1.4444 | 0 | 1.5648 | 1.5648 |
| 164.3667 | 1.445 | 0.0118 | 1.5648 | 1.5766 |
| 164.4 | 1.4437 | 0 | 1.5674 | 1.5674 |
| 164.4333 | 1.4444 | 0.0118 | 1.5621 | 1.574 |
| 164.4667 | 1.444 | 0.0118 | 1.5648 | 1.5766 |
| 164.5 | 1.4437 | 0.0118 | 1.5621 | 1.574 |
| 164.5333 | 1.4427 | 0.0118 | 1.5648 | 1.5766 |
| 164.5667 | 1.4404 | 0.0118 | 1.5661 | 1.5779 |
| 164.6 | 1.4421 | 0.0118 | 1.5634 | 1.5753 |
| 164.6333 | 1.4424 | 0.0118 | 1.5621 | 1.574 |
| 164.6667 | 1.444 | 0.025 | 1.5621 | 1.5871 |
| 164.7 | 1.445 | 0 | 1.5621 | 1.5621 |
| 164.7333 | 1.4414 | 0 | 1.5648 | 1.5648 |
| 164.7667 | 1.444 | 0 | 1.5674 | 1.5674 |
| 164.8 | 1.4447 | 0.0118 | 1.5687 | 1.5805 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 164.8333 | 1.4427 | 0 | 1.5634 | 1.5634 |
| 164.8667 | 1.4411 | 0.0118 | 1.5674 | 1.5792 |
| 164.9 | 1.4427 | 0.0118 | 1.5621 | 1.574 |
| 164.9333 | 1.445 | 0.0118 | 1.5634 | 1.5753 |
| 164.9667 | 1.4447 | 0.0118 | 1.5674 | 1.5792 |
| 165 | 1.4417 | 0.0118 | 1.5687 | 1.5805 |
| 165.0333 | 1.443 | 0 | 1.5661 | 1.5661 |
| 165.0667 | 1.4437 | 0.0118 | 1.5648 | 1.5766 |
| 165.1 | 1.4434 | 0 | 1.5648 | 1.5648 |
| 165.1333 | 1.445 | 0.0118 | 1.57 | 1.5819 |
| 165.1667 | 1.4454 | 0.0118 | 1.5648 | 1.5766 |
| 165.2 | 1.4411 | 0 | 1.5621 | 1.5621 |
| 165.2333 | 1.447 | 0.025 | 1.5674 | 1.5924 |
| 165.2667 | 1.4411 | 0.025 | 1.5634 | 1.5884 |
| 165.3 | 1.444 | 0 | 1.5595 | 1.5595 |
| 165.3333 | 1.4427 | 0 | 1.5634 | 1.5634 |
| 165.3667 | 1.4444 | 0.0118 | 1.5634 | 1.5753 |
| 165.4 | 1.4437 | 0.025 | 1.5634 | 1.5884 |
| 165.4333 | 1.4417 | 0.0118 | 1.5634 | 1.5753 |
| 165.4667 | 1.4454 | 0 | 1.5595 | 1.5595 |
| 165.5 | 1.444 | 0 | 1.5648 | 1.5648 |
| 165.5333 | 1.444 | 0 | 1.5634 | 1.5634 |
| 165.5667 | 1.4421 | 0 | 1.5687 | 1.5687 |
| 165.6 | 1.4424 | 0.025 | 1.5687 | 1.5937 |
| 165.6333 | 1.4463 | 0 | 1.5674 | 1.5674 |
| 165.6667 | 1.445 | 0 | 1.5674 | 1.5674 |
| 165.7 | 1.444 | 0 | 1.5687 | 1.5687 |
| 165.7333 | 1.443 | 0.025 | 1.5634 | 1.5884 |
| 165.7667 | 1.4421 | 0.0118 | 1.5713 | 1.5832 |
| 165.8 | 1.4447 | 0 | 1.57 | 1.57 |
| 165.8333 | 1.445 | 0 | 1.5687 | 1.5687 |
| 165.8667 | 1.4454 | 0 | 1.5634 | 1.5634 |
| 165.9 | 1.444 | 0.0118 | 1.5687 | 1.5805 |
| 165.9333 | 1.4454 | 0.025 | 1.5674 | 1.5924 |
| 165.9667 | 1.4404 | 0 | 1.5634 | 1.5634 |
| 166 | 1.4463 | 0 | 1.5687 | 1.5687 |
| 166.0333 | 1.4463 | 0 | 1.5687 | 1.5687 |
| 166.0667 | 1.4444 | 0.0118 | 1.5661 | 1.5779 |
| 166.1 | 1.4444 | 0 | 1.5661 | 1.5661 |
| 166.1333 | 1.4427 | 0.0118 | 1.5727 | 1.5845 |
| 166.1667 | 1.4427 | 0.0118 | 1.5687 | 1.5805 |
| 166.2 | 1.443 | 0 | 1.5687 | 1.5687 |
| 166.2333 | 1.4427 | 0 | 1.5687 | 1.5687 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 166.2667 | 1.4437 | 0.0118 | 1.5674 | 1.5792 |
| 166.3 | 1.4421 | 0.0118 | 1.5595 | 1.5713 |
| 166.3333 | 1.4414 | 0.025 | 1.5621 | 1.5871 |
| 166.3667 | 1.4447 | 0.0118 | 1.5648 | 1.5766 |
| 166.4 | 1.4427 | 0.0118 | 1.57 | 1.5819 |
| 166.4333 | 1.4404 | 0.0118 | 1.5648 | 1.5766 |
| 166.4667 | 1.4424 | 0 | 1.5621 | 1.5621 |
| 166.5 | 1.4434 | 0 | 1.5621 | 1.5621 |
| 166.5333 | 1.444 | 0 | 1.5687 | 1.5687 |
| 166.5667 | 1.4437 | 0.0118 | 1.5661 | 1.5779 |
| 166.6 | 1.4437 | 0 | 1.5608 | 1.5608 |
| 166.6333 | 1.4447 | 0.0118 | 1.5634 | 1.5753 |
| 166.6667 | 1.443 | 0.025 | 1.5608 | 1.5858 |
| 166.7 | 1.4424 | 0.0118 | 1.5621 | 1.574 |
| 166.7333 | 1.4434 | 0.025 | 1.5608 | 1.5858 |
| 166.7667 | 1.445 | 0 | 1.5595 | 1.5595 |
| 166.8 | 1.4437 | 0 | 1.5634 | 1.5634 |
| 166.8333 | 1.4434 | 0.0118 | 1.5556 | 1.5674 |
| 166.8667 | 1.4437 | 0.0118 | 1.5608 | 1.5726 |
| 166.9 | 1.4414 | 0.0118 | 1.5542 | 1.5661 |
| 166.9333 | 1.4424 | 0 | 1.5503 | 1.5503 |
| 166.9667 | 1.4417 | 0 | 1.5582 | 1.5582 |
| 167 | 1.4444 | 0 | 1.5582 | 1.5582 |
| 167.0333 | 1.445 | 0 | 1.5556 | 1.5556 |
| 167.0667 | 1.443 | 0.0118 | 1.5542 | 1.5661 |
| 167.1 | 1.445 | 0 | 1.5542 | 1.5542 |
| 167.1333 | 1.4414 | 0.0118 | 1.5595 | 1.5713 |
| 167.1667 | 1.4427 | 0.0118 | 1.5542 | 1.5661 |
| 167.2 | 1.4437 | 0 | 1.5529 | 1.5529 |
| 167.2333 | 1.444 | 0.0118 | 1.5634 | 1.5753 |
| 167.2667 | 1.443 | 0 | 1.5542 | 1.5542 |
| 167.3 | 1.4411 | 0 | 1.5529 | 1.5529 |
| 167.3333 | 1.4421 | 0.0118 | 1.5516 | 1.5634 |
| 167.3667 | 1.445 | 0.0118 | 1.5529 | 1.5648 |
| 167.4 | 1.4424 | 0 | 1.5556 | 1.5556 |
| 167.4333 | 1.4404 | 0.0118 | 1.5542 | 1.5661 |
| 167.4667 | 1.444 | 0 | 1.5529 | 1.5529 |
| 167.5 | 1.4421 | 0.0118 | 1.5582 | 1.57 |
| 167.5333 | 1.4444 | 0.0118 | 1.5516 | 1.5634 |
| 167.5667 | 1.4417 | 0 | 1.5595 | 1.5595 |
| 167.6 | 1.4411 | 0.0118 | 1.5516 | 1.5634 |
| 167.6333 | 1.4437 | 0 | 1.5556 | 1.5556 |
| 167.6667 | 1.4411 | 0 | 1.5516 | 1.5516 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 167.7 | 1.445 | 0.0118 | 1.5516 | 1.5634 |
| 167.7333 | 1.443 | 0 | 1.5569 | 1.5569 |
| 167.7667 | 1.443 | 0 | 1.5529 | 1.5529 |
| 167.8 | 1.4398 | 0 | 1.5608 | 1.5608 |
| 167.8333 | 1.4427 | 0 | 1.5556 | 1.5556 |
| 167.8667 | 1.4434 | 0.0118 | 1.5608 | 1.5726 |
| 167.9 | 1.443 | 0.0118 | 1.5569 | 1.5687 |
| 167.9333 | 1.443 | 0 | 1.5569 | 1.5569 |
| 167.9667 | 1.4414 | 0.0118 | 1.5542 | 1.5661 |
| 168 | 1.4404 | 0.0118 | 1.5569 | 1.5687 |
| 168.0333 | 1.4447 | 0 | 1.5595 | 1.5595 |
| 168.0667 | 1.4434 | 0.0118 | 1.5634 | 1.5753 |
| 168.1 | 1.4424 | 0.0381 | 1.5595 | 1.5976 |
| 168.1333 | 1.4398 | 0 | 1.5582 | 1.5582 |
| 168.1667 | 1.444 | 0.0118 | 1.5582 | 1.57 |
| 168.2 | 1.4454 | 0.0118 | 1.5556 | 1.5674 |
| 168.2333 | 1.4424 | 0.0118 | 1.5556 | 1.5674 |
| 168.2667 | 1.444 | 0.0118 | 1.5542 | 1.5661 |
| 168.3 | 1.4434 | 0.0118 | 1.5595 | 1.5713 |
| 168.3333 | 1.443 | 0.0118 | 1.5634 | 1.5753 |
| 168.3667 | 1.4434 | 0.0118 | 1.5608 | 1.5726 |
| 168.4 | 1.443 | 0 | 1.5569 | 1.5569 |
| 168.4333 | 1.4424 | 0 | 1.5634 | 1.5634 |
| 168.4667 | 1.4437 | 0 | 1.5569 | 1.5569 |
| 168.5 | 1.443 | 0.0118 | 1.5595 | 1.5713 |
| 168.5333 | 1.4417 | 0 | 1.5569 | 1.5569 |
| 168.5667 | 1.4417 | 0.0118 | 1.5569 | 1.5687 |
| 168.6 | 1.4394 | 0.0118 | 1.5595 | 1.5713 |
| 168.6333 | 1.4414 | 0.0118 | 1.5582 | 1.57 |
| 168.6667 | 1.4414 | 0.0118 | 1.5595 | 1.5713 |
| 168.7 | 1.443 | 0.0118 | 1.5556 | 1.5674 |
| 168.7333 | 1.4434 | 0.0118 | 1.5634 | 1.5753 |
| 168.7667 | 1.4411 | 0 | 1.5569 | 1.5569 |
| 168.8 | 1.444 | 0.0118 | 1.5569 | 1.5687 |
| 168.8333 | 1.4407 | 0.0118 | 1.5569 | 1.5687 |
| 168.8667 | 1.4404 | 0 | 1.5516 | 1.5516 |
| 168.9 | 1.4401 | 0 | 1.5529 | 1.5529 |
| 168.9333 | 1.4394 | 0.0118 | 1.5556 | 1.5674 |
| 168.9667 | 1.4437 | 0.0118 | 1.5556 | 1.5674 |
| 169 | 1.4391 | 0.0118 | 1.5542 | 1.5661 |
| 169.0333 | 1.4417 | 0.0381 | 1.5569 | 1.595 |
| 169.0667 | 1.4424 | 0.0118 | 1.5542 | 1.5661 |
| 169.1 | 1.4437 | 0 | 1.5529 | 1.5529 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 169.1333 | 1.4407 | 0.025 | 1.5556 | 1.5805 |
| 169.1667 | 1.4424 | 0.0118 | 1.5595 | 1.5713 |
| 169.2 | 1.4398 | 0.0118 | 1.5542 | 1.5661 |
| 169.2333 | 1.4417 | 0.0118 | 1.5556 | 1.5674 |
| 169.2667 | 1.4427 | 0 | 1.5582 | 1.5582 |
| 169.3 | 1.443 | 0 | 1.5582 | 1.5582 |
| 169.3333 | 1.4427 | 0.0118 | 1.5595 | 1.5713 |
| 169.3667 | 1.4411 | 0.025 | 1.5595 | 1.5845 |
| 169.4 | 1.4398 | 0.0118 | 1.5608 | 1.5726 |
| 169.4333 | 1.4407 | 0 | 1.5569 | 1.5569 |
| 169.4667 | 1.4421 | 0 | 1.5569 | 1.5569 |
| 169.5 | 1.4417 | 0 | 1.5569 | 1.5569 |
| 169.5333 | 1.4421 | 0.025 | 1.5569 | 1.5819 |
| 169.5667 | 1.4427 | 0 | 1.5542 | 1.5542 |
| 169.6 | 1.4411 | 0 | 1.5503 | 1.5503 |
| 169.6333 | 1.4421 | 0.0118 | 1.5516 | 1.5634 |
| 169.6667 | 1.4398 | 0.0118 | 1.5529 | 1.5648 |
| 169.7 | 1.4411 | 0 | 1.5529 | 1.5529 |
| 169.7333 | 1.4398 | 0.0118 | 1.5542 | 1.5661 |
| 169.7667 | 1.4437 | 0.0118 | 1.5529 | 1.5648 |
| 169.8 | 1.4414 | 0 | 1.5556 | 1.5556 |
| 169.8333 | 1.4391 | 0 | 1.5569 | 1.5569 |
| 169.8667 | 1.4417 | 0 | 1.549 | 1.549 |
| 169.9 | 1.4414 | 0 | 1.5516 | 1.5516 |
| 169.9333 | 1.4447 | 0.0118 | 1.5542 | 1.5661 |
| 169.9667 | 1.4424 | 0.0118 | 1.5503 | 1.5621 |
| 170 | 1.4421 | 0 | 1.5529 | 1.5529 |
| 170.0333 | 1.4427 | 0.0118 | 1.5503 | 1.5621 |
| 170.0667 | 1.4394 | 0 | 1.5529 | 1.5529 |
| 170.1 | 1.4411 | 0 | 1.5542 | 1.5542 |
| 170.1333 | 1.4401 | 0 | 1.5542 | 1.5542 |
| 170.1667 | 1.4394 | 0 | 1.5516 | 1.5516 |
| 170.2 | 1.4424 | 0.0118 | 1.5529 | 1.5648 |
| 170.2333 | 1.4417 | 0.025 | 1.5556 | 1.5805 |
| 170.2667 | 1.4427 | 0.0118 | 1.5516 | 1.5634 |
| 170.3 | 1.4401 | 0.0118 | 1.5503 | 1.5621 |
| 170.3333 | 1.4417 | 0 | 1.5556 | 1.5556 |
| 170.3667 | 1.4427 | 0.0118 | 1.549 | 1.5608 |
| 170.4 | 1.4434 | 0 | 1.5516 | 1.5516 |
| 170.4333 | 1.4411 | 0.0118 | 1.5516 | 1.5634 |
| 170.4667 | 1.4437 | 0.0118 | 1.5569 | 1.5687 |
| 170.5 | 1.4437 | 0.0118 | 1.5529 | 1.5648 |
| 170.5333 | 1.4427 | 0.0118 | 1.5542 | 1.5661 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 170.5667 | 1.4417 | 0.0118 | 1.5542 | 1.5661 |
| 170.6 | 1.4414 | 0 | 1.5529 | 1.5529 |
| 170.6333 | 1.443 | 0.0118 | 1.5542 | 1.5661 |
| 170.6667 | 1.4407 | 0.0118 | 1.5542 | 1.5661 |
| 170.7 | 1.4401 | 0.0381 | 1.5503 | 1.5884 |
| 170.7333 | 1.4404 | 0.0118 | 1.5542 | 1.5661 |
| 170.7667 | 1.4434 | 0 | 1.5516 | 1.5516 |
| 170.8 | 1.4407 | 0 | 1.5529 | 1.5529 |
| 170.8333 | 1.4414 | 0 | 1.5542 | 1.5542 |
| 170.8667 | 1.4411 | 0.025 | 1.5529 | 1.5779 |
| 170.9 | 1.4384 | 0 | 1.5529 | 1.5529 |
| 170.9333 | 1.4388 | 0 | 1.5516 | 1.5516 |
| 170.9667 | 1.4394 | 0 | 1.5556 | 1.5556 |
| 171 | 1.444 | 0.0118 | 1.549 | 1.5608 |
| 171.0333 | 1.4417 | 0.0118 | 1.5516 | 1.5634 |
| 171.0667 | 1.4401 | 0.025 | 1.5529 | 1.5779 |
| 171.1 | 1.4404 | 0 | 1.5503 | 1.5503 |
| 171.1333 | 1.4401 | 0 | 1.5516 | 1.5516 |
| 171.1667 | 1.4424 | 0.0118 | 1.549 | 1.5608 |
| 171.2 | 1.4394 | 0.025 | 1.5529 | 1.5779 |
| 171.2333 | 1.4391 | 0.0118 | 1.5477 | 1.5595 |
| 171.2667 | 1.4391 | 0.0118 | 1.5542 | 1.5661 |
| 171.3 | 1.4394 | 0 | 1.5529 | 1.5529 |
| 171.3333 | 1.4407 | 0.0118 | 1.5542 | 1.5661 |
| 171.3667 | 1.4424 | 0 | 1.5464 | 1.5464 |
| 171.4 | 1.4394 | 0 | 1.5516 | 1.5516 |
| 171.4333 | 1.4388 | 0.0118 | 1.5529 | 1.5648 |
| 171.4667 | 1.4427 | 0.0118 | 1.5503 | 1.5621 |
| 171.5 | 1.4407 | 0.0118 | 1.5529 | 1.5648 |
| 171.5333 | 1.4414 | 0 | 1.5556 | 1.5556 |
| 171.5667 | 1.4404 | 0 | 1.5477 | 1.5477 |
| 171.6 | 1.4398 | 0 | 1.549 | 1.549 |
| 171.6333 | 1.4394 | 0 | 1.5529 | 1.5529 |
| 171.6667 | 1.4401 | 0 | 1.5503 | 1.5503 |
| 171.7 | 1.4388 | 0 | 1.549 | 1.549 |
| 171.7333 | 1.4391 | 0.025 | 1.5516 | 1.5766 |
| 171.7667 | 1.4388 | 0.0118 | 1.549 | 1.5608 |
| 171.8 | 1.4391 | 0 | 1.5542 | 1.5542 |
| 171.8333 | 1.4378 | 0 | 1.5529 | 1.5529 |
| 171.8667 | 1.4411 | 0.0118 | 1.5556 | 1.5674 |
| 171.9 | 1.4401 | 0 | 1.549 | 1.549 |
| 171.9333 | 1.4384 | 0 | 1.5542 | 1.5542 |
| 171.9667 | 1.4401 | 0 | 1.5516 | 1.5516 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 172 | 1.4384 | 0.025 | 1.5542 | 1.5792 |
| 172.0333 | 1.4401 | 0.025 | 1.5529 | 1.5779 |
| 172.0667 | 1.4417 | 0.0118 | 1.5542 | 1.5661 |
| 172.1 | 1.4381 | 0 | 1.5556 | 1.5556 |
| 172.1333 | 1.4381 | 0.0118 | 1.5556 | 1.5674 |
| 172.1667 | 1.4407 | 0 | 1.5503 | 1.5503 |
| 172.2 | 1.4378 | 0.0118 | 1.549 | 1.5608 |
| 172.2333 | 1.4404 | 0.0118 | 1.5569 | 1.5687 |
| 172.2667 | 1.4417 | 0.0118 | 1.5516 | 1.5634 |
| 172.3 | 1.4411 | 0 | 1.5556 | 1.5556 |
| 172.3333 | 1.4388 | 0 | 1.5516 | 1.5516 |
| 172.3667 | 1.4398 | 0 | 1.5529 | 1.5529 |
| 172.4 | 1.4401 | 0.0118 | 1.5529 | 1.5648 |
| 172.4333 | 1.443 | 0 | 1.5556 | 1.5556 |
| 172.4667 | 1.4371 | 0.0118 | 1.5569 | 1.5687 |
| 172.5 | 1.4371 | 0 | 1.5529 | 1.5529 |
| 172.5333 | 1.4388 | 0.0118 | 1.5516 | 1.5634 |
| 172.5667 | 1.4391 | 0 | 1.5529 | 1.5529 |
| 172.6 | 1.4368 | 0.0118 | 1.5503 | 1.5621 |
| 172.6333 | 1.4398 | 0.0118 | 1.5556 | 1.5674 |
| 172.6667 | 1.4414 | 0.0118 | 1.5477 | 1.5595 |
| 172.7 | 1.4388 | 0.0118 | 1.5556 | 1.5674 |
| 172.7333 | 1.4398 | 0 | 1.5477 | 1.5477 |
| 172.7667 | 1.4391 | 0.0118 | 1.5529 | 1.5648 |
| 172.8 | 1.4404 | 0.0118 | 1.5542 | 1.5661 |
| 172.8333 | 1.4351 | 0.0118 | 1.5529 | 1.5648 |
| 172.8667 | 1.4398 | 0.0118 | 1.5529 | 1.5648 |
| 172.9 | 1.4398 | 0 | 1.5503 | 1.5503 |
| 172.9333 | 1.4394 | 0.0118 | 1.5503 | 1.5621 |
| 172.9667 | 1.4375 | 0.0118 | 1.5464 | 1.5582 |
| 173 | 1.4391 | 0.0118 | 1.5477 | 1.5595 |
| 173.0333 | 1.4378 | 0.0118 | 1.5477 | 1.5595 |
| 173.0667 | 1.4378 | 0 | 1.5529 | 1.5529 |
| 173.1 | 1.4398 | 0 | 1.549 | 1.549 |
| 173.1333 | 1.4407 | 0.0118 | 1.5464 | 1.5582 |
| 173.1667 | 1.4411 | 0.0118 | 1.5503 | 1.5621 |
| 173.2 | 1.4414 | 0 | 1.5464 | 1.5464 |
| 173.2333 | 1.4391 | 0 | 1.5529 | 1.5529 |
| 173.2667 | 1.4371 | 0.0118 | 1.5516 | 1.5634 |
| 173.3 | 1.4407 | 0.0118 | 1.5437 | 1.5556 |
| 173.3333 | 1.4427 | 0.025 | 1.5503 | 1.5753 |
| 173.3667 | 1.4358 | 0.0118 | 1.5516 | 1.5634 |
| 173.4 | 1.4411 | 0.0118 | 1.549 | 1.5608 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 173.4333 | 1.4365 | 0 | 1.5516 | 1.5516 |
| 173.4667 | 1.4391 | 0.0118 | 1.549 | 1.5608 |
| 173.5 | 1.4371 | 0.0118 | 1.5477 | 1.5595 |
| 173.5333 | 1.4398 | 0.0118 | 1.5424 | 1.5542 |
| 173.5667 | 1.4391 | 0.0118 | 1.5477 | 1.5595 |
| 173.6 | 1.4361 | 0 | 1.5477 | 1.5477 |
| 173.6333 | 1.4378 | 0 | 1.5516 | 1.5516 |
| 173.6667 | 1.4375 | 0.0118 | 1.5503 | 1.5621 |
| 173.7 | 1.4411 | 0.0118 | 1.5529 | 1.5648 |
| 173.7333 | 1.4391 | 0 | 1.5477 | 1.5477 |
| 173.7667 | 1.4398 | 0.0118 | 1.5516 | 1.5634 |
| 173.8 | 1.4361 | 0.0118 | 1.5464 | 1.5582 |
| 173.8333 | 1.4365 | 0.0118 | 1.5464 | 1.5582 |
| 173.8667 | 1.4398 | 0.025 | 1.5542 | 1.5792 |
| 173.9 | 1.4368 | 0 | 1.5503 | 1.5503 |
| 173.9333 | 1.4371 | 0.0118 | 1.5503 | 1.5621 |
| 173.9667 | 1.4391 | 0 | 1.5424 | 1.5424 |
| 174 | 1.4375 | 0.0118 | 1.5503 | 1.5621 |
| 174.0333 | 1.4358 | 0.0118 | 1.5542 | 1.5661 |
| 174.0667 | 1.4375 | 0.0118 | 1.5477 | 1.5595 |
| 174.1 | 1.4351 | 0.0118 | 1.5477 | 1.5595 |
| 174.1333 | 1.4371 | 0.0118 | 1.5503 | 1.5621 |
| 174.1667 | 1.4384 | 0.025 | 1.549 | 1.574 |
| 174.2 | 1.4407 | 0 | 1.5542 | 1.5542 |
| 174.2333 | 1.4378 | 0.025 | 1.5556 | 1.5805 |
| 174.2667 | 1.4378 | 0.025 | 1.5542 | 1.5792 |
| 174.3 | 1.4368 | 0 | 1.5542 | 1.5542 |
| 174.3333 | 1.4375 | 0.0118 | 1.5569 | 1.5687 |
| 174.3667 | 1.4345 | 0 | 1.5542 | 1.5542 |
| 174.4 | 1.4378 | 0 | 1.5569 | 1.5569 |
| 174.4333 | 1.4361 | 0.025 | 1.5556 | 1.5805 |
| 174.4667 | 1.4358 | 0 | 1.5569 | 1.5569 |
| 174.5 | 1.4355 | 0.025 | 1.5582 | 1.5832 |
| 174.5333 | 1.4371 | 0 | 1.5542 | 1.5542 |
| 174.5667 | 1.4348 | 0.0118 | 1.5516 | 1.5634 |
| 174.6 | 1.4394 | 0.025 | 1.5556 | 1.5805 |
| 174.6333 | 1.4371 | 0 | 1.5503 | 1.5503 |
| 174.6667 | 1.4384 | 0.0118 | 1.5569 | 1.5687 |
| 174.7 | 1.4348 | 0 | 1.5529 | 1.5529 |
| 174.7333 | 1.4348 | 0 | 1.5569 | 1.5569 |
| 174.7667 | 1.4361 | 0.0118 | 1.5529 | 1.5648 |
| 174.8 | 1.4348 | 0 | 1.5569 | 1.5569 |
| 174.8333 | 1.4394 | 0 | 1.5569 | 1.5569 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 174.8667 | 1.4388 | 0 | 1.5582 | 1.5582 |
| 174.9 | 1.4361 | 0 | 1.5542 | 1.5542 |
| 174.9333 | 1.4371 | 0.0118 | 1.5569 | 1.5687 |
| 174.9667 | 1.4342 | 0.0118 | 1.5582 | 1.57 |
| 175 | 1.4375 | 0 | 1.5569 | 1.5569 |
| 175.0333 | 1.4368 | 0.025 | 1.5569 | 1.5819 |
| 175.0667 | 1.4375 | 0.0118 | 1.5542 | 1.5661 |
| 175.1 | 1.4404 | 0.0118 | 1.5569 | 1.5687 |
| 175.1333 | 1.4361 | 0.0118 | 1.5529 | 1.5648 |
| 175.1667 | 1.4381 | 0.0118 | 1.5582 | 1.57 |
| 175.2 | 1.4365 | 0.0118 | 1.5595 | 1.5713 |
| 175.2333 | 1.4358 | 0.0118 | 1.5569 | 1.5687 |
| 175.2667 | 1.4355 | 0.0118 | 1.5569 | 1.5687 |
| 175.3 | 1.4358 | 0.0118 | 1.5608 | 1.5726 |
| 175.3333 | 1.4388 | 0.0118 | 1.5542 | 1.5661 |
| 175.3667 | 1.4384 | 0 | 1.5556 | 1.5556 |
| 175.4 | 1.4355 | 0.0118 | 1.5569 | 1.5687 |
| 175.4333 | 1.4365 | 0 | 1.5529 | 1.5529 |
| 175.4667 | 1.4365 | 0.0118 | 1.5556 | 1.5674 |
| 175.5 | 1.4375 | 0 | 1.5516 | 1.5516 |
| 175.5333 | 1.4342 | 0.0118 | 1.5595 | 1.5713 |
| 175.5667 | 1.4361 | 0 | 1.5529 | 1.5529 |
| 175.6 | 1.4378 | 0 | 1.5542 | 1.5542 |
| 175.6333 | 1.4388 | 0 | 1.5542 | 1.5542 |
| 175.6667 | 1.4398 | 0 | 1.5608 | 1.5608 |
| 175.7 | 1.4398 | 0 | 1.5595 | 1.5595 |
| 175.7333 | 1.4348 | 0.0118 | 1.5569 | 1.5687 |
| 175.7667 | 1.4381 | 0 | 1.5556 | 1.5556 |
| 175.8 | 1.4361 | 0.0118 | 1.5582 | 1.57 |
| 175.8333 | 1.4368 | 0 | 1.5621 | 1.5621 |
| 175.8667 | 1.4375 | 0.0381 | 1.5556 | 1.5937 |
| 175.9 | 1.4368 | 0.0118 | 1.5556 | 1.5674 |
| 175.9333 | 1.4351 | 0 | 1.5608 | 1.5608 |
| 175.9667 | 1.4358 | 0 | 1.5556 | 1.5556 |
| 176 | 1.4361 | 0 | 1.5595 | 1.5595 |
| 176.0333 | 1.4348 | 0 | 1.5556 | 1.5556 |
| 176.0667 | 1.4361 | 0 | 1.5634 | 1.5634 |
| 176.1 | 1.4375 | 0.0118 | 1.5582 | 1.57 |
| 176.1333 | 1.4368 | 0.025 | 1.5608 | 1.5858 |
| 176.1667 | 1.4361 | 0.0118 | 1.5582 | 1.57 |
| 176.2 | 1.4338 | 0 | 1.5569 | 1.5569 |
| 176.2333 | 1.4348 | 0.0118 | 1.5648 | 1.5766 |
| 176.2667 | 1.4332 | 0 | 1.5621 | 1.5621 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 176.3 | 1.4368 | 0 | 1.5621 | 1.5621 |
| 176.3333 | 1.4338 | 0 | 1.5621 | 1.5621 |
| 176.3667 | 1.4368 | 0.0118 | 1.5608 | 1.5726 |
| 176.4 | 1.4335 | 0.0118 | 1.5582 | 1.57 |
| 176.4333 | 1.4345 | 0.0118 | 1.5608 | 1.5726 |
| 176.4667 | 1.4355 | 0 | 1.5634 | 1.5634 |
| 176.5 | 1.4345 | 0 | 1.5608 | 1.5608 |
| 176.5333 | 1.4348 | 0.0118 | 1.5542 | 1.5661 |
| 176.5667 | 1.4384 | 0.0118 | 1.5542 | 1.5661 |
| 176.6 | 1.4335 | 0 | 1.5542 | 1.5542 |
| 176.6333 | 1.4342 | 0.0118 | 1.5529 | 1.5648 |
| 176.6667 | 1.4358 | 0 | 1.5529 | 1.5529 |
| 176.7 | 1.4368 | 0.0118 | 1.5569 | 1.5687 |
| 176.7333 | 1.4358 | 0.025 | 1.5529 | 1.5779 |
| 176.7667 | 1.4365 | 0.0118 | 1.5569 | 1.5687 |
| 176.8 | 1.4371 | 0.0118 | 1.5595 | 1.5713 |
| 176.8333 | 1.4348 | 0 | 1.5595 | 1.5595 |
| 176.8667 | 1.4332 | 0.0118 | 1.5595 | 1.5713 |
| 176.9 | 1.4361 | 0.0118 | 1.5608 | 1.5726 |
| 176.9333 | 1.4338 | 0.0118 | 1.5529 | 1.5648 |
| 176.9667 | 1.4371 | 0.0118 | 1.5582 | 1.57 |
| 177 | 1.4365 | 0 | 1.5595 | 1.5595 |
| 177.0333 | 1.4365 | 0.0118 | 1.5582 | 1.57 |
| 177.0667 | 1.4358 | 0 | 1.5608 | 1.5608 |
| 177.1 | 1.4361 | 0 | 1.5648 | 1.5648 |
| 177.1333 | 1.4375 | 0 | 1.5582 | 1.5582 |
| 177.1667 | 1.4388 | 0 | 1.5634 | 1.5634 |
| 177.2 | 1.4351 | 0.0118 | 1.5634 | 1.5753 |
| 177.2333 | 1.4365 | 0.025 | 1.5634 | 1.5884 |
| 177.2667 | 1.4355 | 0.0118 | 1.5608 | 1.5726 |
| 177.3 | 1.4338 | 0.0118 | 1.5621 | 1.574 |
| 177.3333 | 1.4348 | 0 | 1.5727 | 1.5727 |
| 177.3667 | 1.4351 | 0.0118 | 1.5595 | 1.5713 |
| 177.4 | 1.4345 | 0.0118 | 1.5648 | 1.5766 |
| 177.4333 | 1.4338 | 0.0118 | 1.5661 | 1.5779 |
| 177.4667 | 1.4378 | 0.025 | 1.5634 | 1.5884 |
| 177.5 | 1.4355 | 0 | 1.5582 | 1.5582 |
| 177.5333 | 1.4332 | 0 | 1.5621 | 1.5621 |
| 177.5667 | 1.4358 | 0.0118 | 1.5634 | 1.5753 |
| 177.6 | 1.4345 | 0 | 1.5608 | 1.5608 |
| 177.6333 | 1.4328 | 0 | 1.5569 | 1.5569 |
| 177.6667 | 1.4338 | 0 | 1.5582 | 1.5582 |
| 177.7 | 1.4335 | 0.025 | 1.5516 | 1.5766 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 177.7333 | 1.4325 | 0 | 1.5529 | 1.5529 |
| 177.7667 | 1.4338 | 0.0118 | 1.5608 | 1.5726 |
| 177.8 | 1.4361 | 0 | 1.5529 | 1.5529 |
| 177.8333 | 1.4345 | 0 | 1.5542 | 1.5542 |
| 177.8667 | 1.4358 | 0 | 1.5556 | 1.5556 |
| 177.9 | 1.4338 | 0 | 1.5608 | 1.5608 |
| 177.9333 | 1.4355 | 0.025 | 1.5542 | 1.5792 |
| 177.9667 | 1.4355 | 0.0118 | 1.5569 | 1.5687 |
| 178 | 1.4332 | 0 | 1.5582 | 1.5582 |
| 178.0333 | 1.4368 | 0.025 | 1.5529 | 1.5779 |
| 178.0667 | 1.4365 | 0.0118 | 1.5569 | 1.5687 |
| 178.1 | 1.4358 | 0 | 1.5582 | 1.5582 |
| 178.1333 | 1.4348 | 0.0118 | 1.5582 | 1.57 |
| 178.1667 | 1.4345 | 0 | 1.5595 | 1.5595 |
| 178.2 | 1.4319 | 0 | 1.5542 | 1.5542 |
| 178.2333 | 1.4365 | 0 | 1.5556 | 1.5556 |
| 178.2667 | 1.4332 | 0.025 | 1.5595 | 1.5845 |
| 178.3 | 1.4361 | 0 | 1.5595 | 1.5595 |
| 178.3333 | 1.4355 | 0.0118 | 1.5595 | 1.5713 |
| 178.3667 | 1.4351 | 0.0118 | 1.5569 | 1.5687 |
| 178.4 | 1.4332 | 0 | 1.549 | 1.549 |
| 178.4333 | 1.4338 | 0 | 1.5569 | 1.5569 |
| 178.4667 | 1.4345 | 0.0118 | 1.5556 | 1.5674 |
| 178.5 | 1.4348 | 0.0118 | 1.5516 | 1.5634 |
| 178.5333 | 1.4325 | 0.0118 | 1.5556 | 1.5674 |
| 178.5667 | 1.4345 | 0.0118 | 1.5516 | 1.5634 |
| 178.6 | 1.4338 | 0.0118 | 1.5556 | 1.5674 |
| 178.6333 | 1.4319 | 0.0118 | 1.5569 | 1.5687 |
| 178.6667 | 1.4332 | 0.0118 | 1.5503 | 1.5621 |
| 178.7 | 1.4342 | 0.025 | 1.5542 | 1.5792 |
| 178.7333 | 1.4328 | 0.0118 | 1.5542 | 1.5661 |
| 178.7667 | 1.4355 | 0 | 1.5516 | 1.5516 |
| 178.8 | 1.4302 | 0 | 1.5503 | 1.5503 |
| 178.8333 | 1.4319 | 0 | 1.549 | 1.549 |
| 178.8667 | 1.4315 | 0.0118 | 1.5464 | 1.5582 |
| 178.9 | 1.4325 | 0.0118 | 1.549 | 1.5608 |
| 178.9333 | 1.4315 | 0.0118 | 1.5477 | 1.5595 |
| 178.9667 | 1.4328 | 0.0118 | 1.5477 | 1.5595 |
| 179 | 1.4348 | 0.025 | 1.5516 | 1.5766 |
| 179.0333 | 1.4332 | 0.025 | 1.549 | 1.574 |
| 179.0667 | 1.4345 | 0 | 1.5516 | 1.5516 |
| 179.1 | 1.4342 | 0.0118 | 1.5503 | 1.5621 |
| 179.1333 | 1.4319 | 0.0118 | 1.545 | 1.5569 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 179.1667 | 1.4338 | 0.0118 | 1.545 | 1.5569 |
| 179.2 | 1.4322 | 0 | 1.5516 | 1.5516 |
| 179.2333 | 1.4325 | 0.0118 | 1.5477 | 1.5595 |
| 179.2667 | 1.4328 | 0 | 1.5516 | 1.5516 |
| 179.3 | 1.4315 | 0.0118 | 1.549 | 1.5608 |
| 179.3333 | 1.4332 | 0 | 1.5464 | 1.5464 |
| 179.3667 | 1.4305 | 0.0118 | 1.5477 | 1.5595 |
| 179.4 | 1.4305 | 0.0118 | 1.5437 | 1.5556 |
| 179.4333 | 1.4345 | 0 | 1.545 | 1.545 |
| 179.4667 | 1.4309 | 0 | 1.5464 | 1.5464 |
| 179.5 | 1.4315 | 0 | 1.5398 | 1.5398 |
| 179.5333 | 1.4345 | 0 | 1.5477 | 1.5477 |
| 179.5667 | 1.4338 | 0.0118 | 1.5464 | 1.5582 |
| 179.6 | 1.4296 | 0 | 1.5437 | 1.5437 |
| 179.6333 | 1.4315 | 0.0118 | 1.5503 | 1.5621 |
| 179.6667 | 1.4302 | 0.0118 | 1.5464 | 1.5582 |
| 179.7 | 1.4338 | 0 | 1.5503 | 1.5503 |
| 179.7333 | 1.4345 | 0 | 1.5437 | 1.5437 |
| 179.7667 | 1.4345 | 0 | 1.5477 | 1.5477 |
| 179.8 | 1.4325 | 0.025 | 1.5437 | 1.5687 |
| 179.8333 | 1.4345 | 0 | 1.549 | 1.549 |
| 179.8667 | 1.4322 | 0.0118 | 1.5464 | 1.5582 |
| 179.9 | 1.4319 | 0 | 1.5477 | 1.5477 |
| 179.9333 | 1.4338 | 0 | 1.549 | 1.549 |
| 179.9667 | 1.4345 | 0 | 1.5477 | 1.5477 |
| 180 | 1.4348 | 0.0118 | 1.5477 | 1.5595 |
| 180.0333 | 1.4312 | 0 | 1.545 | 1.545 |
| 180.0667 | 1.4322 | 0.025 | 1.5437 | 1.5687 |
| 180.1 | 1.4342 | 0 | 1.5464 | 1.5464 |
| 180.1333 | 1.4342 | 0 | 1.5437 | 1.5437 |
| 180.1667 | 1.4309 | 0.0118 | 1.5464 | 1.5582 |
| 180.2 | 1.4319 | 0.0118 | 1.5464 | 1.5582 |
| 180.2333 | 1.4315 | 0.0118 | 1.5516 | 1.5634 |
| 180.2667 | 1.4351 | 0 | 1.5464 | 1.5464 |
| 180.3 | 1.4332 | 0 | 1.5424 | 1.5424 |
| 180.3333 | 1.4355 | 0 | 1.5477 | 1.5477 |
| 180.3667 | 1.4332 | 0.0118 | 1.5464 | 1.5582 |
| 180.4 | 1.4322 | 0 | 1.5424 | 1.5424 |
| 180.4333 | 1.4315 | 0 | 1.5424 | 1.5424 |
| 180.4667 | 1.4342 | 0.0118 | 1.5437 | 1.5556 |
| 180.5 | 1.4332 | 0 | 1.545 | 1.545 |
| 180.5333 | 1.4335 | 0.025 | 1.5503 | 1.5753 |
| 180.5667 | 1.4335 | 0.0381 | 1.5437 | 1.5819 |

Areva NP Inc.

Project No. G101276459SAT-001C bottom

October 7, 2013

| Time (min) | Ch 1 dP (psi) | Ch 2 High Flow (LPM) | Ch 3 Low Flow (LPM) | Total Flow (LPM) |
|---------------|------------------|-------------------------|------------------------|---------------------|
| 180.6 | 1.4325 | 0.0118 | 1.5477 | 1.5595 |
| 180.6333 | 1.4335 | 0.0118 | 1.545 | 1.5569 |
| 180.6667 | 1.4319 | 0 | 1.5464 | 1.5464 |
| 180.7 | 1.4328 | 0 | 1.5411 | 1.5411 |
| 180.7333 | 1.4312 | 0.0118 | 1.549 | 1.5608 |
| 180.7667 | 1.4319 | 0 | 1.5424 | 1.5424 |
| 180.8 | 1.4365 | 0 | 1.5516 | 1.5516 |
| 180.8333 | 1.4351 | 0 | 1.5411 | 1.5411 |
| 180.8667 | 1.4302 | 0.0118 | 1.545 | 1.5569 |
| 180.9 | 1.4338 | 0 | 1.5398 | 1.5398 |
| 180.9333 | 1.4328 | 0.0118 | 1.545 | 1.5569 |
| 180.9667 | 1.4332 | 0 | 1.5464 | 1.5464 |
| 181 | 1.4322 | 0.0118 | 1.545 | 1.5569 |
| 181.0333 | 1.4319 | 0 | 1.5437 | 1.5437 |
| 181.0667 | 1.4338 | 0.0381 | 1.5464 | 1.5845 |
| 181.1 | 1.4335 | 0 | 1.5464 | 1.5464 |
| 181.1333 | 1.4335 | 0.0118 | 1.545 | 1.5569 |
| 181.1667 | 1.4305 | 0 | 1.5437 | 1.5437 |
| 181.2 | 1.4296 | 0.0118 | 1.5424 | 1.5542 |
| 181.2333 | 1.4312 | 0.0118 | 1.5477 | 1.5595 |
| 181.2667 | 1.4302 | 0.0118 | 1.5464 | 1.5582 |
| 181.3 | 1.4309 | 0 | 1.5411 | 1.5411 |
| 181.3333 | 1.4332 | 0.025 | 1.5411 | 1.5661 |
| 181.3667 | 1.4319 | 0 | 1.5411 | 1.5411 |
| 181.4 | 1.4345 | 0.0118 | 1.5411 | 1.5529 |
| 181.4333 | 1.4335 | 0 | 1.5477 | 1.5477 |
| 181.4667 | 1.4292 | 0 | 1.545 | 1.545 |
| 181.5 | 1.4328 | 0 | 1.5516 | 1.5516 |
| 181.5333 | 1.4309 | 0.0118 | 1.545 | 1.5569 |
| 181.5667 | 1.4305 | 0.0118 | 1.5464 | 1.5582 |
| 181.6 | 1.4332 | 0.0118 | 1.5464 | 1.5582 |
| 181.6333 | 1.4312 | 0.025 | 1.5424 | 1.5674 |
| 181.6667 | 1.4309 | 0.0118 | 1.5398 | 1.5516 |
| 181.7 | 1.4309 | 0 | 1.5437 | 1.5437 |
| 181.7333 | 1.4302 | 0.0118 | 1.5398 | 1.5516 |
| 181.7667 | 1.4305 | 0 | 1.5398 | 1.5398 |
| 181.8 | 1.4338 | 0 | 1.5398 | 1.5398 |
| 181.8333 | 1.4312 | 0 | 1.5358 | 1.5358 |
| 181.8667 | 1.4328 | 0.0118 | 1.5358 | 1.5477 |
| 181.9 | 1.4305 | 0.025 | 1.5385 | 1.5634 |
| 181.9333 | 1.4325 | 0.0118 | 1.5358 | 1.5477 |
| 181.9667 | 1.4312 | 0.0118 | 1.5398 | 1.5516 |
| 182 | 1.4328 | 0 | 1.5385 | 1.5385 |

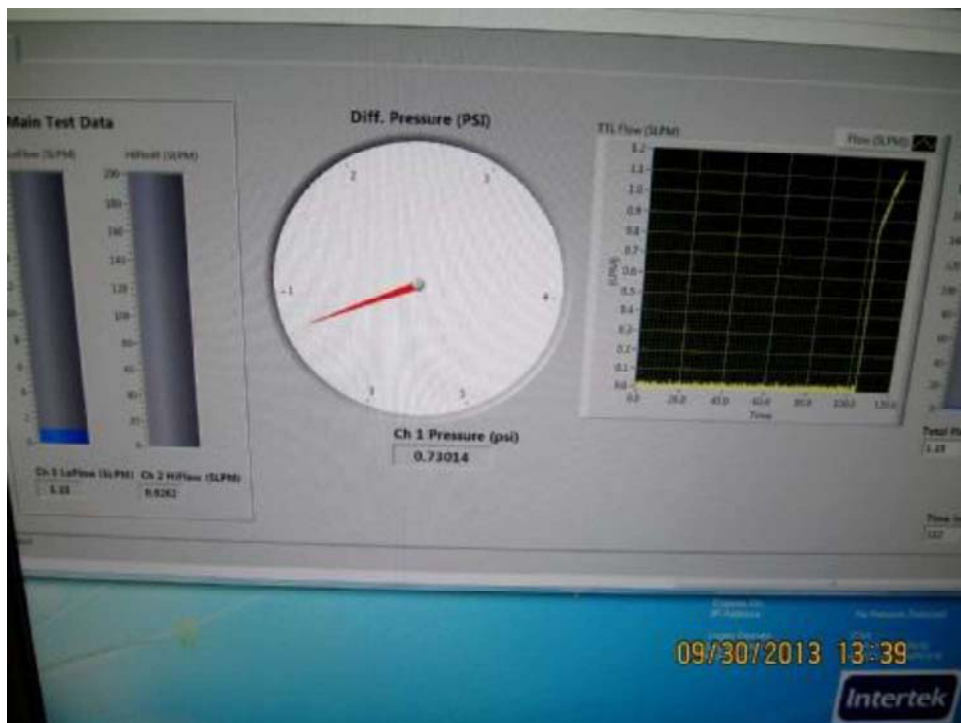
APPENDIX C

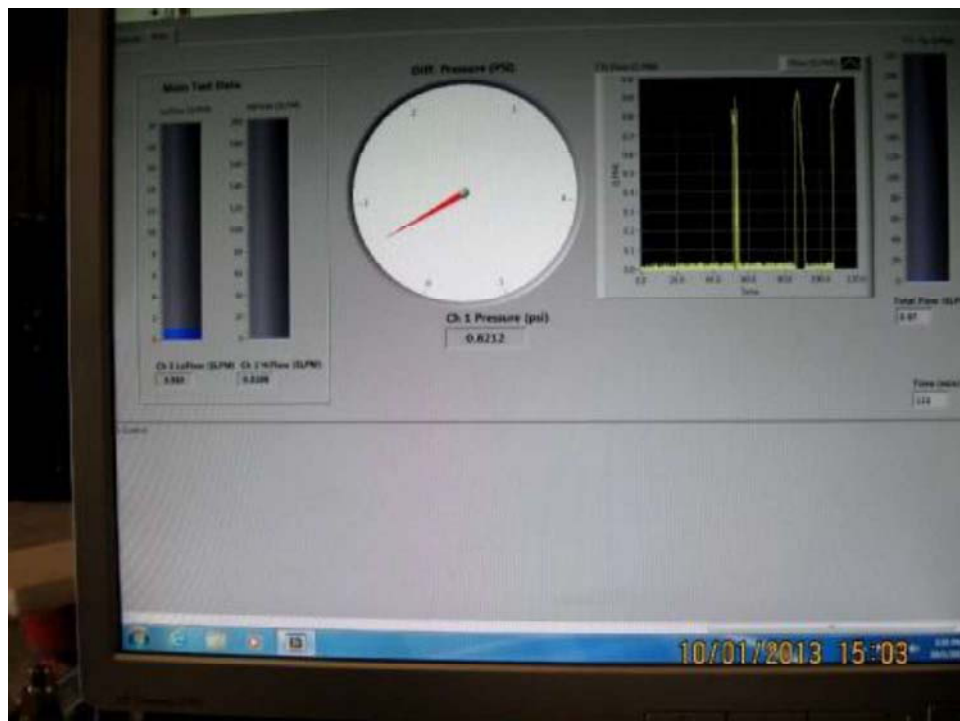
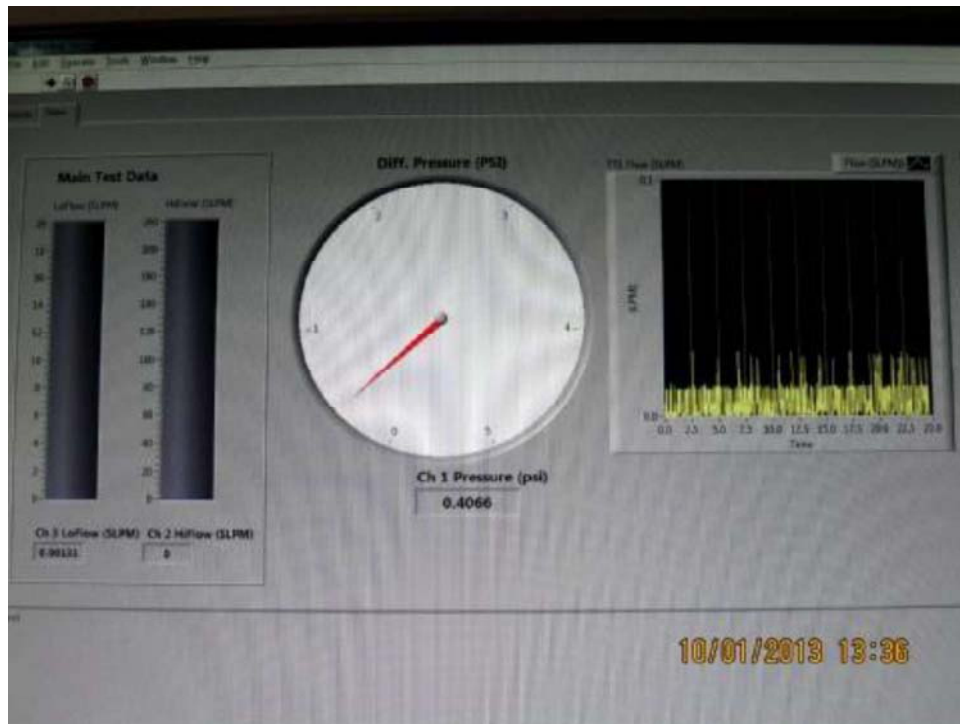
Photographs

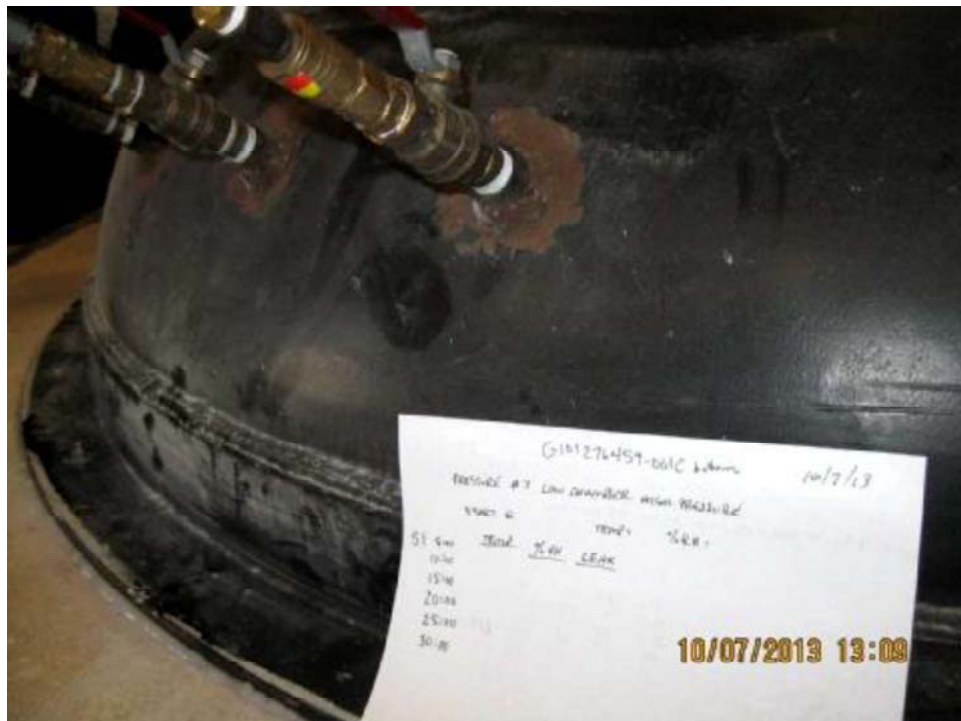


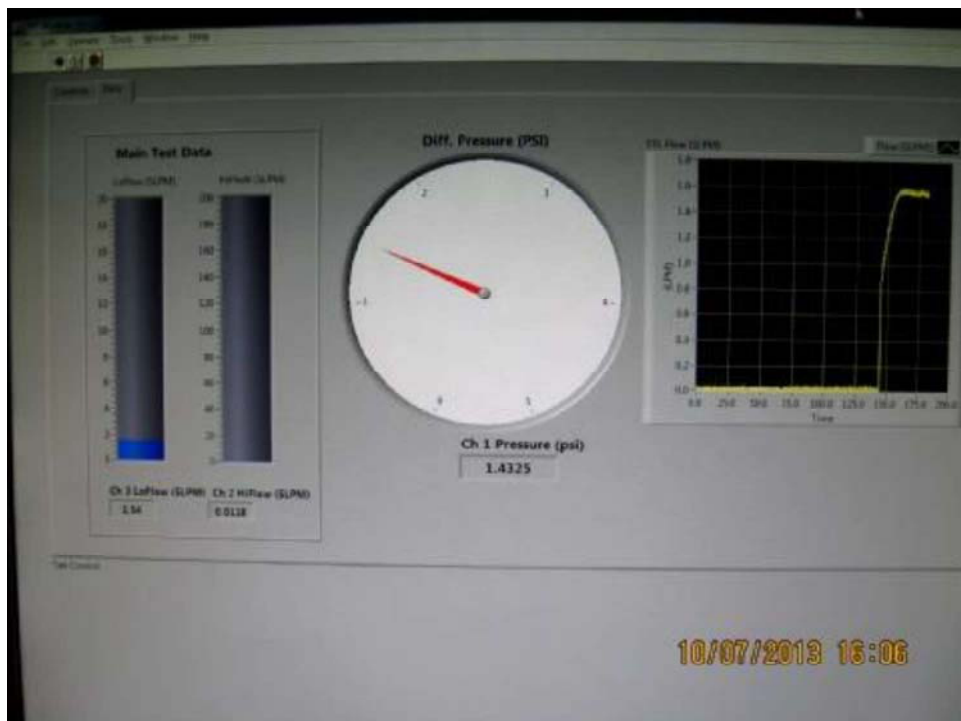


























APPENDIX D

Test Plan

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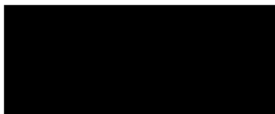


AREVA NP Inc.

Engineering Information Record

Document No.: 51 - 9206196 - 001

Detailed Test Plan for Conducting MOX Pressure Test 7



Mike Dey
Staff Engineer, Intertek



Michael A. Brown
Quality Supervisor, Intertek

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20004-019 (11/20/2012) |
Document No.: 51-9206196-001

Detailed Test Plan for Conducting MOX Pressure Test 7

Safety Related? ☒ YES ☐ NO

Does this document establish design or technical requirements? ☐ YES ☒ NO

Does this document contain assumptions requiring verification? ☐ YES ☒ NO

Does this document contain Customer Required Format? ☐ YES ☒ NO

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|--|------------|----------------------|------------|--|
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| Vic Kaldenbach Princ Des Eng Spec II / PEYF1-A | [Redacted] | R | 07/03/2013 | All |
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| Perry Calos Project Manager / IBL-A | [Redacted] | A | 7/8/13 | All |
| | | | | |

Note: P/LP designates Preparer (P), Lead Preparer (LP)
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A-CRF designates Project Manager Approver of Customer Required Format (A-CRF)
A designates Approver/RTM – Verification of Reviewer Independence

| | |
|--|---------|
| [Redacted] | |
| MOX Services concurrence: Richard Warren, Senior Protection Engineer | 08Jul13 |
| Name / Title | Date |

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20004-019 (11/20/2012)
Document No.: 51-9206196-001

Detailed Test Plan for Conducting MOX Pressure Test 7

Record of Revision

| Revision No. | Pages/Sections/ Paragraphs Changed | Brief Description / Change Authorization |
|--------------|------------------------------------|--|
| 000 | All | Initial Issue. This document contains the main body of the report (pages 1-18), Appendix A (5 pages), Appendix B (4 pages), Appendix C (2 pages), for a total of 29 pages. |
| 001 | Page 16 | Deleted Section 9.2.1 as this step is unnecessary for the testing equipment being used. |
| 001 | General | This document contains the main body of the report (pages 1-18), Appendix A (5 pages), Appendix B (4 pages), Appendix C (2 pages), for a total of 29 pages. |
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Document No.: 51-9206196-001

Detailed Test Plan for Conducting MOX Pressure Test 7

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ACRONYMS

| | |
|-------|---------------------------------------|
| CGD | Commercial Grade Dedication |
| CGI | Commercial Grade Item |
| IROFS | Items Relied On For Safety |
| MOX | Mixed Oxide |
| MFFF | Mixed Oxide Fuel Fabrication Facility |
| QL | Quality Level |
| SSC | Structures, Systems and Components |
| w.g. | Water Gauge |

Penetration Seal Materials

| | |
|-------------|--|
| DC-170 | Dow Corning Sylgard® 170 Silicone Elastomer |
| QSil 5558MC | Quantum Silicones QSil 5558MC Silicone Elastomer |

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Detailed Test Plan for Conducting MOX Pressure Test 7

BACKGROUND

AREVA NP (AREVA) is assisting Shaw AREVA MOX Services (MOX Services) in the development and implementation of a penetration seal program for the Mixed Oxide Fuel Fabrication Facility (MFFF). One aspect of the MOX penetration seal program includes conducting various types of qualification tests of penetration seal assemblies to substantiate the performance capabilities of specific penetration seal designs. Pressure testing is one type of qualification testing that needs to be performed in order to demonstrate the pressure retaining capability of MOX penetration seal designs. The data collected during pressure testing is needed to determine acceptable levels of leakage to maintain the necessary pressure differentials between confinement zones within the MFFF under various conditions, such as normal operation or inadvertent clean agent discharge. Other types of qualification testing, such as fire testing and testing for seismic qualification of penetration seal assemblies, are addressed by other test plans.

1.0 PURPOSE

The purpose of this test plan is to define the test assembly, test methods and acceptance criteria for conducting pressure test in support of the MOX penetration seal program.

This test plan defines the test methods, acceptance criteria and test report documentation requirements for penetration seal pressure test 7. Additionally, this detailed test plan defines the roles and responsibilities of MOX Services, AREVA, the selected testing laboratory, and any other subcontracted entity engaged in support of pressure testing efforts.

This detailed test plan also describes the procurement plan for materials associated with penetration seal pressure test 7 and identifies the entities responsible for procuring the various components of the test assemblies based on the quality level assigned to each component.

This test plan also establishes minimum quality requirements for the penetration seal materials used in the test assemblies and links quality requirements in the AREVA QA program to customer/project quality requirements.

2.0 OBJECTIVE

The primary objective of this test plan is to evaluate the pressure resistance capability of silicone elastomers and sealants to seal gaps or joints at the air pressure increments above atmospheric pressure provided in Section 9.2.

The specific configurations to be tested are described below. Critical characteristics and the associated limiting parameters that will be substantiated by a successful test are also provided.

2.1 Test Deck Description

The test deck will consist of a 12" thick concrete slab measuring approximately 96" x 96" (8' x 8') [Note: Final test slab size to be determined by Intertek and documented in the final test report]. Within this slab there will be four (4) 36" x 1" openings. One side of each opening shall have a 3/4" bevel. Details for the four penetrations are provided in Section 2.2 and Appendix A. All of the penetrations will be unlined (bare concrete). The test deck will be horizontally oriented with a hemispherical 72" diameter steel pressure vessel mounted on each side of the precast opening in the slab.

Drawings showing the general layout of the test deck (test slab) for this pressure test can be found in Appendix A.

2.2 Test Description

There are four openings to be sealed and tested in Pressure Test 7.

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Detailed Test Plan for Conducting MOX Pressure Test 7

- Penetration P1: This penetration is to be a 36" x 1" precast opening. One side of the opening will have a 3/4" bevel, the other side of the opening will not be beveled. Both sides of the opening will be sealed using 3/4" depth Dow Corning Sylgard® 170 Silicone Elastomer (DC-170) backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.
- Penetration P2: This penetration is to be a 36" x 1" precast opening. One side of the opening will have a 3/4" bevel, the other side of the opening will not be beveled. Both sides of the opening will be sealed using 3/4" depth Quantum Silicones QSiil 5558MC Silicone Elastomer (QSiil 5558MC) backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.
- Penetration P3: This penetration is to be a 36" x 1" precast opening. One side of the opening will have a 3/4" bevel, the other side of the opening will not be beveled. Both sides of the opening will be sealed using 3/4" depth Dow Corning 732 Multi-Purpose Sealant backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.
- Penetration P4: This penetration is to be a 36" x 1" precast opening. One side of the opening will have a 3/4" bevel, the other side of the opening will not be beveled. Both sides of the opening will be sealed using 3/4" depth Dow Corning 790 Silicone Building Sealant backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.

2.3 Critical Characteristics and Limiting Parameters Being Tested

The specific critical characteristics and associated limiting parameters being tested for Pressure Test 7 are as follows.

This test will evaluate pressure resistance capabilities of the following:

- A beveled gap/joint up to 1" wide sealed using 3/4" depth Dow Corning Sylgard® 170 Silicone Elastomer (DC-170) backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.
- A non-beveled gap/joint up to 1" wide sealed using 3/4" depth Dow Corning Sylgard® 170 Silicone Elastomer (DC-170) backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.
- A beveled gap/joint up to 1" wide sealed using 3/4" depth Quantum Silicones QSiil 5558MC Silicone Elastomer (QSiil 5558MC) backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.
- A non-beveled gap/joint up to 1" wide sealed using 3/4" depth Quantum Silicones QSiil 5558MC Silicone Elastomer (QSiil 5558MC) backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.
- A beveled gap/joint up to 1" wide sealed using 3/4" depth Dow Corning 732 Multi-Purpose Sealant backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.
- A non-beveled gap/joint up to 1" wide sealed using 3/4" depth Dow Corning 732 Multi-Purpose Sealant backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.
- A beveled gap/joint up to 1" wide sealed using 3/4" depth Dow Corning 790 Silicone Building Sealant backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.
- A non-beveled gap/joint up to 1" wide sealed using 3/4" depth Dow Corning 790 Silicone Building Sealant backed by 1" depth of Unifrax Fiberfrax® Durablanket® S.

A successful test will substantiate the acceptability of these seal configurations to function as pressure seals when installed in joint/gap penetrations.

3.0 ACCEPTANCE CRITERIA

Pressure rated penetration seals at the MOX facility are required to remain "sufficiently leak-tight" at various pressure levels in order to support the functional goals of the various pressure rating requirements (i.e., confinement, suppression system clean agent concentration, fire induced pressure loads or HVAC pressure

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boundary loads). The term "sufficiently leak-tight" indicated that the penetration seal meets the predetermined acceptance criteria for the pressure level(s) being tested.

The acceptance criterion that constitutes "sufficiently leak-tight" varies based on the pressure requirement and the operating mode of the plant. For most pressure conditions and operating modes, "sufficiently leak-tight" means that the penetration seal assembly must remain in place but is allowed to leak (i.e., the penetration seal cannot become dislodged from the opening or otherwise catastrophically fail such that a substantial leakage path is created.)

Per MOX Services Calculation *Confinement Boundary Air Leakage Criteria* [Reference 12.1], penetration seals that function as confinement zone 3b boundary components must maintain a leakage rate less than 0.01 cfm/sq ft. of penetration area when tested at a pressure that bounds C3b to non-C3b zone pressures during normal operating conditions.

Table 9-1 identifies the differential pressure levels (stages) for conducting pressure tests, as well as, the acceptance criteria in order to be considered "sufficiently leak-tight".

4.0 RESPONSIBILITIES

The following roles and responsibilities apply to this test plan.

4.1 MOX Services

- 4.1.1 Provide review and concurrence of this detailed pressure test plan.
- 4.1.2 Provide concurrence for any revisions made to this test plan during test specimen construction activities.
- 4.1.3 Provide some of the materials for test assembly construction from MOX Services surplus or scrap (if available).
- 4.1.4 Witness pressure test if desired.

4.2 AREVA

- 4.2.1 Develop and revise (if necessary) this detailed pressure test plan.
- 4.2.2 Provide management and oversight of all aspects of the MOX penetration seal test program.
- 4.2.3 Select the pressure testing facility and establish sub-contract agreements. The testing laboratory selected for performance of this pressure test is Intertek Testing Services NA, Inc., Elmendorf, TX.
- 4.2.4 Provide engineering instructions to the testing laboratory for performance of the test including test parameters, acceptance criteria, requirements for documenting the test results in a final test report, etc.
- 4.2.5 Procure all primary penetration seal materials, devices and components (i.e., any materials, devices and components intended to replicate future Safety Related (QL-1) designs to be installed in the MOX facility) as designated in the procurement plan section (Section 5.0) of this test plan.
- 4.2.6 Notify MOX Services at least 10 days prior to test date to facilitate MOX Services decision to witness the pressure test.
- 4.2.7 Witness pressure test.
- 4.2.8 Perform post-test examinations.
- 4.2.9 Review, approve and issue final test reports.

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4.3 Testing Laboratory (Intertek Testing Services NA, Inc.)

- 4.3.1 Notify AREVA at least 5 days prior to the start of test assembly construction activities.
- 4.3.2 Construct test decks in accordance with this test plan and AREVA direction.
- 4.3.3 Procure test deck materials and any other test assembly components identified under the Testing Laboratory scope in the procurement plan section (Section 5.0) of this test plan.
- 4.3.4 Procure testing equipment necessary for pressure testing services in accordance with this test plan and verify that the testing equipment is properly calibrated.
- 4.3.5 Provide pressure testing services in accordance with this test plan.
- 4.3.6 Assist AREVA, as necessary, in conducting detailed post-test destructive examinations of the test assemblies.
- 4.3.7 Dispose of test assemblies upon completion of the pressure test.
- 4.3.8 Generate final test reports in accordance with test plan requirements (Section 11.0).

4.4 Other Subcontracted Entities

There are no other Subcontractors for this pressure test plan.

5.0 PROCUREMENT PLAN

This penetration seal pressure test plan involves many elements beyond the penetration seal material being qualified. Some of these elements include the test deck or test slab, various fasteners for securing laboratory instrumentation to the test assembly, etc. Not all elements of the test assembly are required to be procured to the same quality level as the penetration seal material, which must be capable of satisfying the quality requirements of the end product (i.e., QL-1 qualified penetration seal assemblies for plant applications). The following procurement plan takes into consideration the required quality level of the various materials required for this penetration seal pressure test and prescribes an approach for material procurement which considers cost, schedule and quality requirements.

5.1 Penetration Seal Materials

The vast majority of penetration seals that will be installed throughout the MFFF are designated QL-1. MOX Services defines QL-1 in PP9-1, *SSC Quality Levels & Marking Design Documents* [Reference 12.2] as follows:

QL-1 SSCs are typically IROFS (all IROFS are QL-1 and may be either SSCs or Administrative Controls) credited in the Integrated Safety Analysis with a required function to prevent or mitigate design basis events such that high-consequence events are made highly unlikely; intermediate-consequence events are made unlikely; or to prevent criticality. For example, the failure of an IROFS item could cause:

1. *Loss of a primary confinement feature leading to release of material resulting in exceeding 10CFR70.61 performance requirements;*
2. *Failure to satisfy the double contingency principle for the prevention of a criticality accident; or*
3. *Loss of other safety function required to meet 10CFR70.61 performance requirements.*

This definition correlates with the following definition of "Nuclear Safety Related" in AREVA Administrative Procedure (AP) 1702-25, *Assignment of Nuclear Safety Classification to Products and Services* [Reference 12.3]:

Definition of "Nuclear Safety Related"

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Company products and services are considered to be nuclear safety related if they involve the evaluation, specification, design or change in design, operation, or performance of structures, systems, and components which must function directly, or must support other systems which function, to ensure any of the following.

- *The integrity of the reactor coolant pressure boundary*
- *The capability to shut down the reactor and maintain it in a safe shutdown condition*
- *The capability to prevent or mitigate the consequences of accidents which could result in potential offsite radiation exposures greater than accepted limits.*

On this basis, permanent penetration seal materials used in this test program shall be procured by AREVA or supplied by MOX Services and suitably base-lined so that future procurements of the same commercial materials can undergo the commercial grade dedication process in support of Nuclear Safety Related (i.e., MOX QL-1) plant installations. Only the primary seal material specified as a part of the final seal design and which are left in place during testing become an integral part of the seal assembly and need to be base-lined for future dedication of similarly procured materials.

The quality level of the penetration seal materials procured for this test plan is **Non-Safety**.

Note: Commercial Grade Dedication (CGD) must be performed for Commercial Grade Items (CGIs) used in Safety Related applications when procured from suppliers where specific quality controls for nuclear applications cannot be imposed in a practical manner in accordance with 50-9141754-001, AREVA NP Inc. Quality Assurance Program [Reference 12.4]. However, none of the seal materials to be procured and used in the test program are intended or approved for installation in the MOX facility. Therefore, CGD of penetration seal materials used for test purposes is not required.

For this pressure test, the following materials shall be procured by AREVA and base-lined for future dedication activities.

1. Unifrax Fiberfrax® Durablanket® S
2. Dow Corning® 732 Multi-Purpose Sealant/Adhesive
3. Dow Corning® 790 Silicone Building Sealant
4. Dow Corning Sylgard® 170 Silicone Elastomer (DC-170)
5. Quantum Silicones QSII 5558MC Silicone Elastomer (QSII 5558MC)

5.2 Test Deck/Test Slab

The test deck will be used to simulate a confinement zone or HVAC boundary in which the penetration seal assemblies may be installed. The test deck is not considered an integral part of the penetration seal assembly being tested and therefore is not intended to replicate MOX-specific plant conditions and not considered integral in bounding the performance of the penetration seal assemblies (e.g., concrete blend, compressive strength, rebar size and spacing). The test deck will be comprised of normal weight reinforced concrete.

The openings cast into the test deck will simulate certain features consistent with MOX penetrations (e.g., painted or coated interior finishes, beveled edges, etc.) as defined by the test plan drawings contained in Appendix A.

The testing laboratory shall be responsible for procuring all materials and components associated with the construction of the test deck, unless otherwise specified below. The test deck shall comply with the requirements of the approved test plan drawings contained in Appendix A, and in accordance with the testing facility's Quality Assurance Program.

The quality level of the test deck is **Non-safety**.

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5.3 Penetrating Items

There are no penetrating items (e.g., conduits, cable trays and wire ways) associated with this pressure test.

6.0 SPECIAL PRECAUTIONS

6.1 Precautions for Construction of Test Assemblies

Observe testing facilities safe work practices for construction, lifting, and moving of test assemblies.

6.2 Precautions for Installation of Seal Assemblies

Observe specific precautions recommended by seal material manufacturers as noted on product literature and material safety data sheets contained in AREVA NP Inc. Document 01-9198306, *Installation Instruction Manual for MOX Penetration Seal Test Program* [Reference 12.5].

6.3 Precautions for Conducting Pressure Test

Proper safety precautions shall be exercised to preclude personnel from direct exposure to loss of pressure events, unexpected disengaging of testing equipment from the test deck, and all other related hazards.

7.0 PREREQUISITES

7.1 General Test Configuration Requirements

The test assembly, including slab layout and penetration seal configurations shall be as specified by AREVA and in accordance with the drawings and information contained in Appendix A of this test plan, and AREVA NP Inc. Document 01-9198306, *Installation Instruction Manual for MOX Penetration Seal Test Program* [Reference 12.5].

7.2 Safety Related Materials

Penetration seal materials that are purchased **Non-Safety** for this test program but are to be base-lined for future Nuclear Safety Related via the Commercial Grade Dedication process are indicated on the AREVA Bill of Materials (Appendix B.1).

7.3 Dimensioned Drawings

All test articles shall conform to the dimensioned drawings supplied by AREVA and contained in Appendix A of this test plan. Any differences between designed and constructed/tested assemblies shall be noted in final drawings contained within the test report.

7.4 Test Configuration

All test articles shall be securely fastened to the test apparatus by the laboratory. All openings shall be sealed in accordance with test plan instructions, drawings (Appendix A) and AREVA Document 01-9198306 [Reference 12.5].

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8.0 TEST ASSEMBLY CONSTRUCTION

8.1 Test Slab Construction

The Testing Laboratory shall construct the test slab, including location and size of openings and placement of penetrating items, in accordance with the drawings contained in Appendix A of this Test Plan.

AREVA QC (or approved designee) shall conduct an inspection of the test slab for compliance with the approved Test Plan drawings prior to installation of individual penetration seal test assemblies. Any differences between the approved Test Plan drawings and the as-built test slab configuration shall be corrected (if deemed necessary by the AREVA Test Engineer) or noted by the QC Inspector (if correction is not required). Completion of this verification shall be documented as required by AREVA NP Inc. Document 01-9198306, *Installation Instruction Manual for MOX Penetration Seal Test Program* [Reference 12.5].

8.2 Penetration Seal Installation

AREVA (or approved designee) shall install the penetration seal test assemblies in accordance with the drawings contained in Appendix A of this Test Plan and in accordance with AREVA NP Inc. Document 01-9198306, *Installation Instruction Manual for MOX Penetration Seal Test Program* [Reference 12.5].

QA/QC verification of penetration seal installations shall be documented as required by AREVA NP Inc. Document 01-9198306, *Installation Instruction Manual for MOX Penetration Seal Test Program* [Reference 12.5].

8.3 Pre-Test Verifications

Prior to conducting the pressure test for each test assembly, the AREVA Test Engineer shall sign-off indicating that the test article (test penetration) is complete and ready for testing as required by AREVA NP Inc. Document 01-9198306, *Installation Instruction Manual for MOX Penetration Seal Test Program* [Reference 12.5].

9.0 PROCEDURE

9.1 Pressure Test Apparatus

The pressure test apparatus to be used for this pressure test shall be constructed and maintained by the testing laboratory. Two hemispherical 72" diameter steel pressure vessels shall be used to construct the assembly. One side shall be used to induce the testing pressures above atmospheric pressure based on Table 9-1, while the other side shall measure the pressure increase or "leakage" through the penetration. The test apparatus shall be "leak-tight" and substantial enough to withstand the pressures created for test purposes. Attachment shall be sufficient to withstand the forces imposed on the pressure vessels during the test.

9.2 Process

The anticipated differential pressures, as they apply to MFFF penetration seal designs, are discussed in DCS01-BRA-DS-TRD-B-01365-0 [Reference 12.6]. Depending upon its location in the plant, a penetration seal may be subjected to differential pressures from one or more of the following sources:

- Clean agent suppression system discharge (inadvertent or in response to a fire)
- Normal HVAC operation in support of facility confinement zone separation
- Fire induced pressure
- HVAC pressure boundary

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The full range of differential pressures under various conditions is identified in Calculations DCS01-XGA-DS-CAL-B-01105-0 [Reference 12.7], DCS01-ASI-DS-CAL-R-10552-0 [Reference 12.8], and DCS01-QJJ-DS-CAL-V-10421-0 [Reference 12.9].

The pressure levels specified in Table 9-1 are to be used in the pressure test. These pressures are intended to bound a range of calculated differential pressures anticipated based on the various pressure conditions described above and detailed in the referenced calculations, with additional margin. The bounding differential pressures to be used for each penetration seal pressure test, the test hold time at each pressure, the acceptance criteria to be considered "sufficiently leak-tight", and the basis for each pressure, are identified in Table 9-1.

A hold time of 30 minutes has been established for each pressure level to ensure that sufficient time at pressure is maintained to; 1) confirm that no leakage occurs at that pressure, or 2) stabilize make up air and attain reasonably accurate leakage rate information for those configurations where leakage is detected.

Table 9-1: Differential Pressure Test Levels

| Test Stage | Differential Pressure (inch w.g.) | Required Hold Time (minutes) | Acceptance Criteria | Basis for the Selected Differential Pressure |
|------------|-----------------------------------|------------------------------|---|--|
| 1a | 1.0 | 30 | Leakage ≤ 0.01 cfm/sq. ft. of penetration area | Testing at this differential pressure bounds the 0.51 inches w.g. pressure for C3b to C2 areas during normal operation [Reference 12.9]. |
| 2a | 5.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds the 4.0 inches w.g. pressure anticipated as a result of clean agent suppression system discharge [Reference 12.7]. |
| 3a | 10.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds the 7.0 inches w.g. pressure used as the screening pressure cutoff for fire induced pressures [References 12.7 and 12.8] and some of the HVAC pressure boundaries [Reference 12.9]. |
| 4a | 20.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds all of the calculated fire induced pressures [Reference 12.8] and many of the HVAC pressure boundaries [Reference 12.9]. |
| 5a | 40.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds all of the HVAC pressure boundaries [Reference 12.9]. |
| 1b | 1.0 | 30 | Leakage < 0.01 cfm/sq. ft. of penetration area | Testing at this differential pressure bounds the 0.51 inches w.g. pressure for C3b to C2 areas during normal operation [Reference 12.9]. |
| 2b | 5.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds the 4.0 inches w.g. pressure anticipated as a result of clean agent suppression system discharge [Reference 12.7]. |

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| Test Stage | Differential Pressure (inch w.g.) | Required Hold Time (minutes) | Acceptance Criteria | Basis for the Selected Differential Pressure |
|------------|-----------------------------------|------------------------------|-----------------------|--|
| 3b | 10.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds the 7.0 inches w.g. pressure used as the screening pressure cutoff for fire induced pressures [References 12.7 and 12.8] and some of the HVAC pressure boundaries [Reference 12.9]. |
| 4b | 20.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds all of the calculated fire induced pressures [Reference 12.8] and many of the HVAC pressure boundaries [Reference 12.9]. |
| 5b | 40.0 | 30 | Seal Remains In Place | Testing at this differential pressure bounds all of the HVAC pressure boundaries [Reference 12.9]. |

Each test assembly shall be attached to the pressure test apparatus and subjected to the pressures identified in Table 9-1 as described below. For Test Stages 1a – 5a the side of the test deck on which the non-beveled gaps are located shall be pressurized. Test Stages 1a – 5a shall be performed first in accordance with Sections 9.2.1 through 9.2.5 below. Following Test Stages 1a – 5a, the opposite side of the test deck shall be prepared for pressurization. For Test Stages 1b – 5b the beveled side of the test deck shall be pressurized. Test Stages 1b – 5b shall be performed in accordance with Sections 9.2.2 through 9.2.5 below.

- 9.2.1 The test assembly shall be attached to the pressure test apparatus and subjected to air pressure test stages at the select pressure levels identified in Table 9-1, beginning with the Stage 1 pressure of 1.0 inches w.g. Once this pressure has been obtained, the pressure shall be maintained for the hold time specified in Table 9-1. The maximum leakage rate observed during the hold time shall be recorded. If the leakage rate exceeds the acceptance criteria during Stage 1 testing, the time of failure shall be noted and the test shall be continued, since leakage alone does not constitute failure after Stage 1.
- 9.2.2 Once the designated hold time has been achieved, the pressure shall be increased to the next pressure level identified in Table 9-1 (Stage 2, then Stage 3, then Stage 4 and finally Stage 5) and held for the designated hold time. The maximum leakage rate observed during each hold time shall be recorded.
- 9.2.3 Following completion of Stage 5 pressure testing, the test may continue at the discretion of the AREVA test engineer and the testing laboratory manager in charge. Subsequent pressures, hold times and maximum leakage rates shall be recorded as directed by the AREVA test engineer.
- 9.2.4 If at any pressure level (or test stage) the penetration seal becomes dislodged from the openings or otherwise catastrophically fails, the pressure test shall be terminated and the time to failure and pressure at which the failure occurred shall be recorded.

9.3 Post Test Examination

Following completion of the pressure test, visual and destructive (if deemed necessary) post-test examinations shall be performed. These examinations shall include, but not necessarily be limited to, the following:

Visual observations of penetration seal condition including:

- Integrity of seal and conditions on both sides of the penetration

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- Location of any penetration seal degradation
- Condition of seal to barrier interface

Once visual observations are complete, destructive examinations may be used to obtain additional information or gain extra insights into seal performance during the pressure test.

10.0 DATA SYSTEMS

During the pressure test, the various data systems connected to the test apparatus (blowers, anemometers, manometers, etc.) shall be controlled and monitored by the testing laboratory. Data recorded for these components shall be compiled and contained in the pressure test report.

11.0 TEST REPORT

The testing laboratory shall submit a report on the results of the test. The test report shall contain the collected data and required quality control documentation. The final test report shall be prepared in sufficient detail to summarize the total testing activity. The final report shall include as a minimum:

- Date of test
- Location of test
- Description of test apparatus and test articles
- Calibration documentation for all data systems connected to the test apparatus
- Test procedures used
- Acceptance criteria
- Provide quality control records
- Results of the pressure test
- Color digital photographs of the test project
- A chronological log (Event Log) of all activities from receipt of materials through final test report]

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12.0 REFERENCES

- 12.1 Shaw AREVA MOX Services Calculation DCS01-QJJ-DS-CAL-V-13312-0, *Confinement Boundary Air Leakage Criteria*
- 12.2 Shaw AREVA MOX Services Procedure PP9-1, Revision 13, *SSC Quality Levels & Marking Design Documents*
- 12.3 AREVA NP Inc. Procedure 1702-25, Revision 017, *Assignment of Nuclear Safety Classification to Products and Services*
- 12.4 AREVA NP Inc. Document 56-9141754-001, *AREVA NP Inc. Quality Assurance Program*
- 12.5 AREVA NP Inc. Document 01-9198306 (latest revision), *Installation Instruction Manual for MOX Penetration Seal Test Program*
- 12.6 Shaw AREVA MOX Services Document DCS01-BRA-DS-TRD-B-01365-0, *Technical Requirements Document for MFFF Penetration Seals*
- 12.7 Shaw AREVA MOX Services Calculation DCS01-XGA-DS-CAL-B-01105-0, *BMF HVAC and Fire Induced Pressure Loads*
- 12.8 Shaw AREVA MOX Services Calculation DCS01-ASI-DS-CAL-R-10552-0, *Fire Induced Room Pressure Analysis*
- 12.9 Shaw AREVA MOX Services Calculation DCS01-QJJ-DS-CAL-V-10421-0, *Pressure Differentials Across Internal Barriers within the MOX Facility*

Retrieval of Reference Documents

References 12.1, 12.2, 12.6, 12.7, 12.8 and 12.9 of this document were not entered into the AREVA NP Records Management system because they can be retrieved using the Shaw AREVA MOX Services Records Management system. These documents have been authorized for use as design information in this document with the AREVA NP Project Manager's written authorization as indicated by the PM's signature on Page 2.

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APPENDIX A: TEST DECK/TEST SLAB DRAWINGS

The test deck (test slab) for Pressure Test 7 is depicted on page A-2.

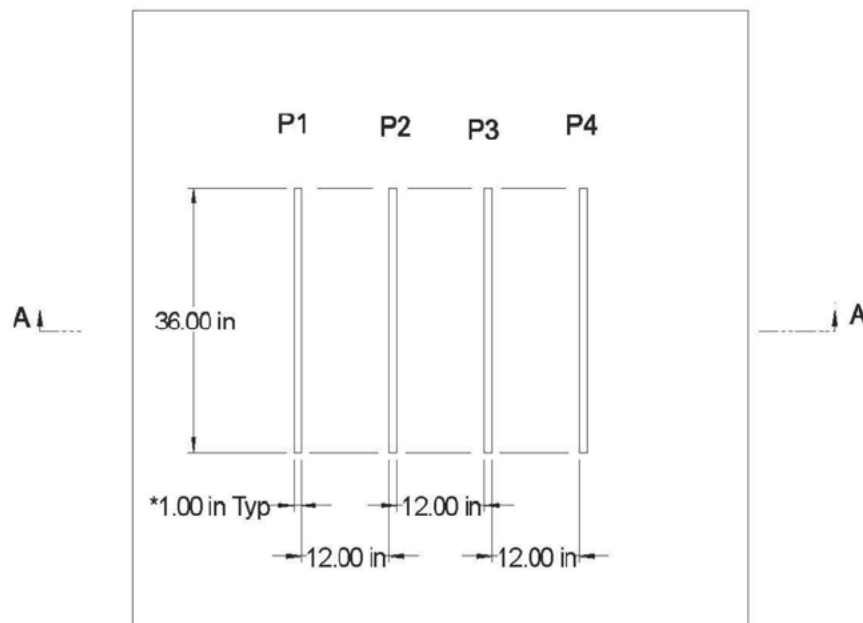
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Pressure Test 7



Section View is on
Page A-3.

NOTES:

1. TOLERANCE ON ALL SLAB DIMENSIONS IS $\pm 1/4"$
2. * INDICATES DIMENSIONS TO BE VERIFIED BY AREVA QC.

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Section A-A

NOTES:

1. TOLERANCE ON ALL SLAB DIMENSIONS IS +/- 1/4"
2. * INDICATES DIMENSIONS TO BE VERIFIED BY AREVA QC
3. ALL GAPS BEVELED 3/4" X 45° ON BOTTOM SIDE OF SLAB.

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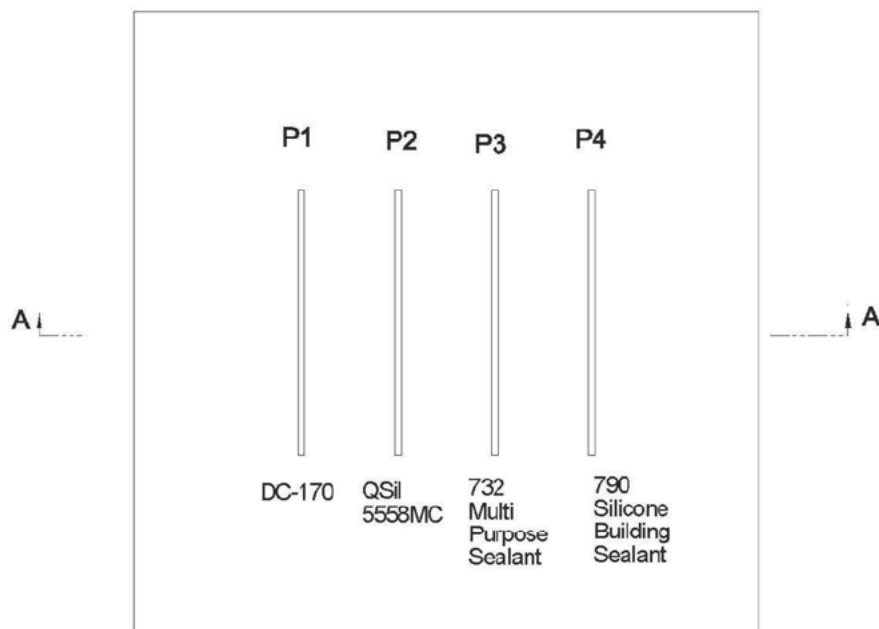


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Pressure Test 7

Penetration Seal Material



Section View is on
Page A-5.

NOTES:

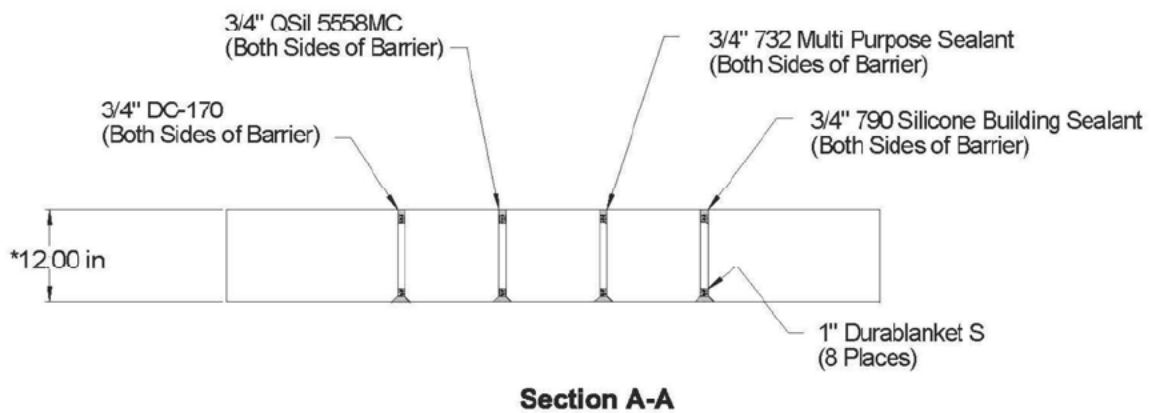
1. TOLERANCE ON ALL SLAB DIMENSIONS IS +/- 1/4"
2. * INDICATES DIMENSIONS TO BE VERIFIED BY AREVA QC.

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NOTES:

1. TOLERANCE ON ALL SLAB DIMENSIONS IS +/- 1/4"
2. * INDICATES DIMENSIONS TO BE VERIFIED BY AREVA QC.

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APPENDIX B: BILL OF MATERIALS

This appendix contains the Bill of Materials for this fire test. The Bill of Materials in Section B.1 identifies materials to be provided by AREVA. The Bill of Materials in Section B.2 identifies materials to be provided by MOX Services. The Bill of Materials in Section B.3 identifies materials to be provided by Intertek.

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B.1 Table Bill of Materials for AREVA Supplied Items

| Bill of Material for AREVA Supplied Items | | | | | |
|---|--|-------------|----------|-------|--------|
| Item | Description | Part Number | Quantity | Units | Total |
| 1 | Unifrax Fiberfrax® Durablanket® S – 6 lbs/cu. ft., 1" thick, 48" wide, 25 linear feet | 764522000 | 1 | Roll | 1 Roll |
| 2 | Dow Corning® 732 Multi-Purpose Sealant | N/A | 1 | Case | 1 Case |
| 3 | Dow Corning® 790 Multi-Purpose Sealant | N/A | 1 | Case | 1 Case |
| 4 | Quantum Silicones QSII 5558MC Silicone Elastomer (50lb part A, 50lb part B, 100lb set) | N/A | 1 | Set | 1 Set |
| 5 | Dow Corning Sylgard® 170 Silicone Elastomer (50lb part A, 50lb part B, 100lb set) | N/A | 1 | Set | 1 Set |
| | | | | | |
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B.2 Bill of Materials for MOX Services Supplied Items

| Bill of Material for MOX Services Supplied Items | | | | | |
|--|-------------|-------------|----------|-------|-------|
| Item | Description | Part Number | Quantity | Units | Total |
| | None | | | | |
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B.3 Bill of Materials for Intertek Supplied Items

| Bill of Material for Intertek Supplied Items* | | | | | |
|---|-------------|-------------|----------|-------|-------|
| Item | Description | Part Number | Quantity | Units | Total |
| | None | | | | |
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* This BOM applies to Intertek Supplied Items other than materials required to construct the test slab. Construction of the test slab, including procurement of any materials required for the test slab, is the responsibility of Intertek.

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APPENDIX C: DESIGN VERIFICATION CHECKLIST

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| AREVA | | DESIGN VERIFICATION CHECKLIST | | |
|---|--|---------------------------------------|----------------------------|---|
| Document Identifier 51 - 9206196 - 001 | | | | |
| Title Detailed Test Plan for Conducting MOX Pressure Test 7 | | | | |
| 1. | Were the inputs correctly selected and incorporated into design or analysis? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> N/A |
| 2. | Are assumptions necessary to perform the design or analysis activity adequately described and reasonable? Where necessary, are the assumptions identified for subsequent re-verifications when the detailed design activities are completed? <small>Note: If there are no assumptions (of any type), then N/A shall be checked.</small> | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> N/A |
| 3. | Are the appropriate quality and quality assurance requirements specified? Or, for documents prepared per AREVA NP Inc. procedures, have the procedural requirements been met? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> N/A |
| 4. | If the design or analysis cites or is required to cite requirements or criteria based upon applicable codes, standards, specific regulatory requirements, including issue and addenda, are these properly identified, and are the requirements/criteria for design or analysis met? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> N/A |
| 5. | Have applicable construction and operating experience been considered? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> N/A |
| 6. | Have the design interface requirements been satisfied? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> N/A |
| 7. | Was an appropriate design or analytical method used? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> N/A |
| 8. | Is the output reasonable compared to inputs? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> N/A |
| 9. | Are the specified parts, equipment and processes suitable for the required application? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> N/A |
| 10. | Are the specified materials compatible with each other and the design environmental conditions to which the material will be exposed? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> N/A |
| 11. | Have adequate maintenance features and requirements been specified? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> N/A |
| 12. | Are accessibility and other design provisions adequate for performance of needed maintenance and repair? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> N/A |
| 13. | Has adequate accessibility been provided to perform the in-service inspection expected to be required during the plant life? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> N/A |
| 14. | Has the design properly considered radiation exposure to the public and plant personnel? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> N/A |
| 15. | Are the acceptance criteria incorporated in the design documents sufficient to allow verification that design requirements have been satisfactorily accomplished? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> N/A |
| 16. | Have adequate preoperational and subsequent periodic test requirements been appropriately specified? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> N/A |
| 17. | Are adequate handling, storage, cleaning and shipping requirements specified? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> N/A |
| 18. | Are adequate identification requirements specified? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> N/A |
| 19. | Is the document prepared and being released under the AREVA NP Inc. Quality Assurance Program? If not, are requirements for record preparation review, approval, retention, etc., adequately specified? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> N/A |

Page C-1



Controlled Document



Document No.: 51-9206196-001

Detailed Test Plan for Conducting MOX Pressure Test 7

22410-8 (02/25/2013) Page 2 of 2

| | | | |
|---|--|---|--------------------|
|  | | DESIGN VERIFICATION CHECKLIST | |
| Document Identifier 51 - 9206196 - 001 | | | |
| Comments on the preceding responses: N/A | | | |
| Verified By: (First, MI, Last) | Victor E. Kaldenbach Printed / Typed Name |  Signature | 07/03/2013 Date |

Page C-2

APPENDIX E

Commercial Grade Dedication-Related Documents

The vast majority of penetration seals that will be installed throughout the MFFF will be designated as quality level QL-1. For this reason, permanent penetration seal materials used in this test program were procured by AREVA or supplied by MOX Services and suitably base-lined so that future procurements of the same commercial materials can undergo the Commercial Grade Dedication process in support Nuclear Safety Related (i.e., MOX QL-1) plant installations.

Only the primary seal material(s) that were specified as a part of the final penetration seal design and left in place during the test needed to be base-lined for future dedication of similarly procured materials. For this fire test, the following AREVA documents contain information associated with materials that underwent the base-lining process. These documents establish material critical characteristics as a baseline for future Commercial Grade Dedication.

- AREVA Document 51-9212659-000, "Dow Corning Sylgard 170 Silicone Elastomer Critical Characteristics"
- AREVA Document 51-9212663-000, "Quantum Silicones QSil 5558MC Silicone Elastomer Critical Characteristics"
- AREVA Document 51-9212666-000, "Dow Corning 732 Multi-Purpose Sealant Critical Characteristics"
- AREVA Document 51-9212668-000, "Dow Corning 790 Silicone Building Sealant Critical Characteristics"
- AREVA Document 51-9212670-000, "Unifrax Durablanket S Critical Characteristics"

These documents are available from the AREVA Records Management System or the MOX Records Management System.

APPENDIX F

Quality Documents



Document No.: 01-9198306-002






Installation Instruction Manual for MOX Penetration Seal Test Program

A.1 Quality Verification for Installation of Silicone Elastomer Penetration Seals

Pressure Test 7

Page 1 of 2

01-9198306-F01 (QC-F01)

| Attribute | Requirement | Initial / Date |
|-----------|--|--|
| 7.1.2 | Test Penetration Number <u>9206196 - P1</u> |  <u>9-24-13</u> |
| QC | Verify critical attributes of the test slab and the applicable penetration are correct. Critical attributes are identified in the test plan (i.e., dimensions marked with an asterisk). |  <u>9-24-13</u> |
| QC | Verify the dam depth is as specified in the test plan and confirm that the penetration is clean and free of dirt, oil, and any other foreign materials. |  <u>9-24-13</u> |
| 7.2.1.1 | Record material type, lot number and shelf life for batch on Form QC-F01, Table A-1 | Attached |
| 7.2.1.3 | Record the batch number on Form QC-F01, Table A-1 | Attached |
| 7.2.1.2 | Record sample weight and sample density on Form QC-F01, Table A-1 | Attached |
| QC | Verify the total sample weight recorded on the cup label, the sample weight recorded on the cup label and Form QC-F01, Table A-1, and sample density recorded on the cup label and Form QC-F01, Table A-1. Record acceptance on Form QC-F01, Table A-1. | Attached |
| 7.3.2 | Remove all temporary damming per Section 6.3 |  <u>9-25-13</u> |
| QC | Verify that the completed seal assembly is in accordance with the test plan design (i.e., temporary damming has been removed, and the installed seal configuration(s) and depth(s) are per the test plan. Any approved deviations from the test plan shall be clearly noted below. |  <u>9-25-13</u> |

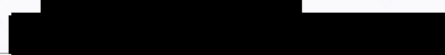
Comments (can be continued on back):

Penetration Seal Assembly Complete:


AREVA Quality Control

9-25-13
Date

Penetration Ready for Testing:


AREVA Test Engineer

9/26/13
Date

Page A-2



Document No.: 01-9198306-002

Installation Instruction Manual for MOX Penetration Seal Test Program

Test Penetration Number 9206 ~~9206~~ 920615C-P1
 [REDACTED] 9124/13 Page 2 of 2

Form QC-F01, Table A-1: Silicone Elastomer Batch Sample Quality Control

[illegible]

Page A-3



Document No.: 01-9198306-002

Installation Instruction Manual for MOX Penetration Seal Test Program

A.1 Quality Verification for Installation of Silicone Elastomer Penetration Seals

Page 1 of 2

PRESSURE 7

01-9198306-F01 (QC-F01)

| Attribute | Requirement | Initial / Date |
|-----------|--|----------------------------------|
| 7.1.2 | Test Penetration Number <u>9206196 - P2</u> | <u>[Redacted]</u> <u>9-24-13</u> |
| QC | Verify critical attributes of the test slab and the applicable penetration are correct. Critical attributes are identified in the test plan (i.e., dimensions marked with an asterisk). | <u>[Redacted]</u> <u>9-24-13</u> |
| QC | Verify the dam depth is as specified in the test plan and confirm that the penetration is clean and free of dirt, oil, and any other foreign materials. | <u>[Redacted]</u> <u>9-24-13</u> |
| 7.2.1.1 | Record material type, lot number and shelf life for batch on Form QC-F01, Table A-1 | Attached |
| 7.2.1.3 | Record the batch number on Form QC-F01, Table A-1 | Attached |
| 7.2.1.2 | Record sample weight and sample density on Form QC-F01, Table A-1 | Attached |
| QC | Verify the total sample weight recorded on the cup label, the sample weight recorded on the cup label and Form QC-F01, Table A-1, and sample density recorded on the cup label and Form QC-F01, Table A-1. Record acceptance on Form QC-F01, Table A-1. | Attached |
| 7.3.2 | Remove all temporary damming per Section 6.3 | <u>[Redacted]</u> <u>9-25-13</u> |
| QC | Verify that the completed seal assembly is in accordance with the test plan design (i.e., temporary damming has been removed, and the installed seal configuration(s) and depth(s) are per the test plan. Any approved deviations from the test plan shall be clearly noted below. | <u>[Redacted]</u> <u>9-25-13</u> |

Comments (can be continued on back):

Penetration Seal Assembly Complete:

[Redacted]
AREVA Quality Control

9-25-13
Date

Penetration Ready for Testing:

[Redacted]
AREVA Test Engineer

9/26/13
Date

Page A-2



Document No.: 01-9198306-002

Installation Instruction Manual for MOX Penetration Seal Test Program

Test Penetration Number 9206196-22

Page 2 of 2

Form QC-F01, Table A-1: Silicone Elastomer Batch Sample Quality Control

[illegible]

Page A-3

Controlled Document









Document No.: 01-9198306-002

Installation Instruction Manual for MOX Penetration Seal Test Program

A.2 Quality Verification for Installation of Caulk and Fiber Seals

Page 1 of 1

01-9198306-F02 (QC-F02)

| <u>Attribute</u> | <u>Requirement</u> | <u>Initial / Date</u> |
|------------------|---|--|
| 9.1.2 | Record the test penetration's unique identification number Test Penetration Number <u>9206196-P3</u> |  <u>9-24-13</u> |
| QC | Verify critical attributes of the test slab and the applicable penetration are correct. Critical attributes are identified in the test plan (i.e., dimensions marked with an asterisk). |  <u>9-24-13</u> |
| 9.1.5 | Record the lot number for the Durablanket® S damming material Lot Number: <u>32039 764521000</u> |  <u>9-24-13</u> |
| QC | Verify the dam depth is as specified in the test plan and confirm that the penetration is clean and free of dirt, oil, and any other foreign materials. |  <u>9-24-13</u> |
| 9.2.1 | Record the material type, lot number and expiration date for the sealant Material Type: <u>DL-732</u> Lot Number: <u>0007251823</u> Expiration Date: <u>5/29/2015</u> |  <u>9-24-13</u> |
| QC | Verify that the completed seal assembly is in accordance with the test plan design (i.e., temporary damming has been removed, and the installed seal configuration(s) and depth(s) are per the test plan. Any approved deviations from the test plan shall be clearly noted below |  <u>9-25-13</u> |


Comments (can be continued on back):

Penetration Seal Assembly Complete:


AREVA Quality Control

9-25-13
Date

Penetration Ready for Testing:


AREVA Test Engineer

9/26/13
Date

Page A-4

Controlled Document







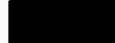

Document No.: 01-9198306-002

Installation Instruction Manual for MOX Penetration Seal Test Program

A.2 Quality Verification for Installation of Caulk and Fiber Seals

Page 1 of 1

01-9198306-F02 (QC-F02)

| <u>Attribute</u> | <u>Requirement</u> | <u>Initial / Date</u> |
|------------------|---|--|
| 9.1.2 | Record the test penetration's unique identification number Test Penetration Number <u>9206196-PF</u> |  <u>9-24-13</u> |
| QC | Verify critical attributes of the test slab and the applicable penetration are correct. Critical attributes are identified in the test plan (i.e., dimensions marked with an asterisk). |  <u>9-24-13</u> |
| 9.1.5 | Record the lot number for the Durablanket® S damming material Lot Number: <u>32039 764521000</u> |  <u>9-24-13</u> |
| QC | Verify the dam depth is as specified in the test plan and confirm that the penetration is clean and free of dirt, oil, and any other foreign materials. |  <u>9-24-13</u> |
| 9.2.1 | Record the material type, lot number and expiration date for the sealant Material Type: <u>DC 790</u> Lot Number: <u>0007390959</u> Expiration Date: <u>4/24/2014</u> |  <u>9-24-13</u> |
| QC | Verify that the completed seal assembly is in accordance with the test plan design (i.e., temporary damming has been removed, and the installed seal configuration(s) and depth(s) are per the test plan. Any approved deviations from the test plan shall be clearly noted below |  <u>9-25-13</u> |

Comments (can be continued on back):

Penetration Seal Assembly Complete:


QA Quality Control

9-25-13
Date

Penetration Ready for Testing:


AREVA Test Engineer

9/26/13
Date

Page A-4



PO Box 710200, Houston, TX 77271-0290
11707 S Sam Houston Parkway W, Ste K, Houston, TX 77031
Phone: 281-933-7222 Fax: 281-933-7774
info@promatec.com
www.promatec.com

CERTIFICATE OF CONFORMANCE

CERTIFICATION 45550/13-607
NUMBER:

CERT DATE: JUNE 20, 2013

JOB NUMBER: 2860

SHIP DATE: JUNE 20, 2013

CUSTOMER: AREVA NP INC.
c/o INTERTEK TESTING SERVICES NA, INC.
16015 SHADY FALLS ROAD
ELMENDORF, TX 78112-9784

PRODUCT: DC-170
Dow Corning® Sylgard 170
Elastomer; Part A&B
50/50 Blend

CUSTOMER P.O. No. 1013037393, Rev. 1
ORDER NUMBER: ITEM 1

VENDOR: PCI PROMATEC

CUSTOMER
SPECIFICATION
NUMBER: N/A

QUANTITY: 14 SETS @ 100lbs PER SET
(Consisting of 2 each 6 gallon pails
per kit)

IDENTIFICATION
NUMBER: DC-170-063B02 PART A & B

EXPIRATION
DATE: 30 JUNE 2014

CERTIFICATION REQUIREMENTS:

We hereby certify that all items furnished herein meet the requirements of the applicable product specifications, the above referenced customer order number, and supporting specifications. Vendor material certification on file and available upon written request.

Shelf Life – Twelve (12) months from date of certification, last day of the month.

This material is provided in accordance with Promatec Quality Assurance Program QAM20188, Issue F, dated 06/20/03.

QUALITY ASSURANCE DEPT.
DORCAS SMITHWICK COMBS
QUALITY ASSURANCE MANAGER



QSi 5558MC Certificate of Conformance

| | |
|----------------------|------------|
| Product | QSi 5558MC |
| Batch Identification | 130606 |

Final Batch Physicals

| Tests | Specifications | Results |
|---|---|-----------|
| Appearance "A" | Black | Black |
| Appearance "B" | Beige | Beige |
| Viscosity "A" component, cps #5 Spindle @ 20rpm | <4,000 | 3,160 cps |
| Viscosity "B" component, cps # 5 Spindle @ 20 rpm | <4,000 | 1,980 cps |
| Specific Gravity "A" component (g/cm ³) | 1.35-1.40 | 1.37 |
| Specific Gravity "B" component (g/cm ³) | 1.35-1.40 | 1.36 |
| Catalyzed Properties 1:1 Mix Ratio | | |
| Work Time, (snap time), minutes | 20-40 | 25min. |
| Shore A, 24 hour | >45 | 57 |
| QSi Heat Cured Method 15 min. @ 150°C | | |
| Tensile strength, psi | >400 | 472 |
| Elongation, % | >75 | 106 |
| Young's Modulus | Report | 478 |
| General Product Information | | |
| Date of Manufacture | 6/6/13 | |
| Shelf Life, months | 12 months from date of shipment if stored at ≤38C (100F). | |

Storage Conditions: This material should be stored in the original, unopened container at less than 100F.
Under these conditions, the material will be useful for a period of 12 months.

QSi Batch Release Authorization: [REDACTED]

Quality Control
QSi, LLC

Quantum Silicones certifies that the [material described above] has been tested in accordance with the company's standard lot acceptance procedures and complies (except as stated above) with the specifications associated with such material's Quantum Silicones Product Reference Number. This certification applies only to the material lot tested. Lot acceptance data are available for examination. This material has not been subjected to tests appropriate for medical device or pharmaceutical applications. QUANTUM SILICONES MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE WITH RESPECT TO THE PRODUCT TO WHICH THE ABOVE INFORMATION REFERS. [This Certificate is valid unsigned.]

Quantum Silicones, LLC
8021 Reycan Road
Richmond, VA 23237
(804)271-9010
Fax (804)271-9055
www.quantumsilicones.com

Date of shipment 6/14/2013

REV-1
11/29/12



PO Box 710290, Houston, TX 77271-0290
11707 S Sam Houston Parkway W, Ste K, Houston, TX 77031
Phone: 281-933-7222 Fax: 281-933-7774
info@promatec.com
www.promatec.com

CERTIFICATE OF CONFORMANCE

CERTIFICATION 45550/13-805
NUMBER:

CERT DATE: SEPTEMBER 10, 2013

JOB NUMBER: 2860

SHIP DATE: SEPTEMBER 10, 2013

CUSTOMER: AREVA NP INC.
c/o INTERTEK TESTING SERVICES NA, INC.
16015 SHADY FALLS ROAD
ELMENDORF, TX 78112-9784

PRODUCT: DURABLANKET S
Unifrax Fiberfrax Durablanket S
6-lb Density, 1"x24"x25'
50SF/Roll

CUSTOMER P.O. No. 1013037393, Rev. 4
ORDER NUMBER: ITEM 50
[MAT'L #D027563]

VENDOR: PCI PROMATEC

CUSTOMER
SPECIFICATION
NUMBER: N/A

QUANTITY: 2 BOXES @ 50 SF Per Box
1" x 24" X 25 Feet Per Roll
100 SQUARE FEET TOTAL

IDENTIFICATION
NUMBER: 32039

EXPIRATION
DATE: N/A

CERTIFICATION REQUIREMENTS:

We hereby certify that all items furnished herein meet the requirements of the applicable product specifications, the above referenced customer order number, and supporting specifications. Vendor material certification on file and available upon written request.

Shelf Life - Not Applicable for This Item.

This material is provided in accordance with Promatec Quality Assurance Program QAM/20128, Issue F, dated 06/20/03.

QUALITY ASSURANCE DEPT.
DORCAS SMITHWICK COMBS
QUALITY ASSURANCE MANAGER



P.O. Box 710290, Houston, TX 77271-0290
11707 S Sam Houston Parkway W, Ste K, Houston, TX 77031
Phone: 281-933-7222 Fax: 281-933-7774
info@promatec.com
www.promatec.com

CERTIFICATE OF CONFORMANCE

CERTIFICATION 45550/13-579
NUMBER:

CERT DATE: JUNE 12, 2013

JOB NUMBER: 2860

SHIP DATE: JUNE 12, 2013

CUSTOMER: AREVA NP INC.
c/o INTERTEK TESTING SERVICES NA, INC.
16015 SHADY FALLS ROAD
ELMENDORF, TX 78112-9784

PRODUCT: DC-732-BLACK, 10.1oz
Dow Corning 732 Multi-Purpose
Sealant; 10.1oz Tubes
BLACK in color

CUSTOMER P.O. No. 1013021586, REV. 1
ORDER NUMBER: ITEM 2

VENDOR: PCI PROMATEC

CUSTOMER
SPECIFICATION
NUMBER: N/A

QUANTITY: 4 CASES @ 12 EA 10.1oz Tubes
48 TUBES TOTAL

IDENTIFICATION 0007251823
NUMBER:

EXPIRATION
DATE: 29 MAY 2015

CERTIFICATION REQUIREMENTS:

We hereby certify that all items furnished herein meet the requirements of the applicable product specifications, the above referenced customer order number, and supporting specifications. Vendor material certification on file and available upon written request.

Shelf Life – Thirty (30) months from date of manufacture, December, 2012. Note – Dow Corning calendar year based on 360-day cycle.

This material is provided in accordance with Promatec Quality Assurance Program QAM20188, Issue F, dated 06/20/03.

QUALITY ASSURANCE DEPT.
DORCAS SMITHWICK COMBS
QUALITY ASSURANCE MANAGER



PO Box 710290, Houston, TX 77271-0290
11707 S Sam Houston Parkway W, Ste K, Houston, TX 77061
Phone: 281-933-7222 Fax: 281-933-7774
info@promatec.com
www.promatec.com

CERTIFICATE OF CONFORMANCE

CERTIFICATION 45550/13-580
NUMBER:

CERT DATE: JUNE 12, 2013

JOB NUMBER: 2860

SHIP DATE: JUNE 12, 2013

CUSTOMER: AREVA NP INC.
c/o INTERTEK TESTING SERVICES NA, INC.
16015 SHADY FALLS ROAD
ELMENDORF, TX 78112-9784

PRODUCT: DC-790-GRAY, 10.3oz
Dow Corning 790 Building
Sealant; 10.3oz Tubes
GRAY in color

CUSTOMER P.O. No. 1013021586, REV. 1
ORDER NUMBER: ITEM 3

VENDOR: PCI PROMATEC

CUSTOMER
SPECIFICATION
NUMBER: N/A

QUANTITY: 2 CASES @ 12 EA 10.3oz Tubes
24 TUBES TOTAL

IDENTIFICATION 0007390959
NUMBER:

EXPIRATION
DATE: 24 APRIL 2014

CERTIFICATION REQUIREMENTS:

We hereby certify that all items furnished herein meet the requirements of the applicable product specifications, the above referenced customer order number, and supporting specifications. Vendor material certification on file and available upon written request.

Shelf Life – Twelve (12) months from date of manufacture April 2013. Note – Dow Corning calendar year based on 360-day cycle.

This material is provided in accordance with Promatec Quality Assurance Program QAM20188, Issue F, dated 06/20/03.

QUALITY ASSURANCE DEPT.
DORCAS SMITHWICK COMBS
QUALITY ASSURANCE MANAGER

Q/A RECEIVING REPORT



Client/Project Name:
Client or Project No.:
Received From:
Project Location:

| | |
|-----------------|----------------------|
| Report No: | 11-G101147165SAT-001 |
| Date Received: | 6/19/2013 |
| Date Inspected: | 6/19/2013 |
| Inspected By: | MABrown |

[illegible]

Q/A RECEIVING REPORT



Client/Project Name: Areva NP
Client or Project No.: G101147165SAT-001
Received From: Areva NP Hand Delivered
Project Location: INTERTEK -Elrendorf, TX

Report No: 33-G101147165SAT-001
Date Received: 9/10/2013
Date Inspected: 9/10/2013
Inspected By: MABrow

| ITEM DESCRIPTION | P.O. NO. | QUANTITY | | I.D. NO. | Cust. Mkt. Y/N | Cust. Rec'd Y/N | Safety Rec'd Y/N | Cust. Integrity | ACCEPTANCE | | | REMARKS |
|--|----------|----------|-------|----------|----------------|-----------------|------------------|-----------------|------------|-----|-----|---|
| | | Order | Rec'd | | | | | | Aspl. | Eq. | Ud. | |
| 150NH™ Promatec® SF-150NH™ High Density Silicone Elastomer Part "A" and "B" (NH093B04 A&B (5gal) Lot No NH093B04A & NH093B04B | Client | 1 set | 1 set | -- | Y | Y | Y | G | ✓ | | | Receiving Only: Used immediately w/ remainder stored in the conditioning room |
| 150NH™ Promatec® SF-150NH™ High Density Silicone Elastomer Part "A" and "B" (NH093B04 A&B (5gal) Lot No NH093B04A & NH093B04B | Client | 1 set | 1 set | -- | Y | Y | Y | G | ✓ | | | |
| 150NH™ Promatec® SF-150NH™ High Density Silicone Elastomer Part "A" and "B" (NH093B04 A&B (5gal) Lot No NH093B04A & NH093B04B | Client | 1 set | 1 set | -- | Y | Y | Y | G | ✓ | | | |
| 150NH™ Promatec® SF-150NH™ High Density Silicone Elastomer Part "A" and "B" (NH093B04 A&B (5gal) Lot No NH093B04A & NH093B04B | Client | 1 set | 1 set | -- | Y | Y | Y | G | ✓ | | | |
| 150NH™ Promatec® SF-150NH™ High Density Silicone Elastomer Part "A" and "B" (NH093B04 A&B (5gal) Lot No NH093B04A & NH093B04B | Client | 1 set | 1 set | -- | Y | Y | Y | G | ✓ | | | |
| 150NH™ Promatec® SF-150NH™ High Density Silicone Elastomer Part "A" and "B" (NH093B04 A&B (5gal) Lot No NH093B04A & NH093B04B | Client | 1 set | 1 set | -- | Y | Y | Y | G | ✓ | | | |
| 150NH™ Promatec® SF-150NH™ High Density Silicone Elastomer Part "A" and "B" (NH093B04 A&B (5gal) Lot No NH093B04A & NH093B04B | Client | 1 set | 1 set | -- | Y | Y | Y | G | ✓ | | | |
| 150NH™ Promatec® SF-150NH™ High Density Silicone Elastomer Part "A" and "B" (NH093B04 A&B (5gal) Lot No NH093B04A & NH093B04B | Client | 1 set | 1 set | -- | Y | Y | Y | G | ✓ | | | |
| 150NH™ Promatec® SF-150NH™ High Density Silicone Elastomer Part "A" and "B" (NH093B04 A&B (5gal) Lot No NH093B04A & NH093B04B | Client | 1 set | 1 set | -- | Y | Y | Y | G | ✓ | | | |
| 150NH™ Promatec® SF-150NH™ High Density Silicone Elastomer Part "A" and "B" (NH093B04 A&B (5gal) Lot No NH093B04A & NH093B04B | Client | 1 set | 1 set | -- | Y | Y | Y | G | ✓ | | | |
| Durablanket S Unifrax Fiberfrax (320.39) 24" W x 25' L x 1" T | Client | 1box | 1box | | Y | Y | Y | G | ✓ | | | |
| Durablanket S Unifrax Fiberfrax (320.39) 24" W x 25' L x 1" T | Client | 1box | 1box | | Y | Y | Y | G | ✓ | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

9/12-NQAP-005.7.1



Q/A RECEIVING REPORT



Client/Project Name:
Client or Project No.:
Received From:
Project Location:

Areva NP
G101147165SAT-001
Areva Federal Services, d/b/a
INTERTEK -Elmendorf

| | |
|-----------------|----------------------|
| Report No: | 07-G10114716SSAT-001 |
| Date Received: | 6/13/2013 |
| Date Inspected: | 6/17/2013 |
| Inspected By: | MAB |

[illegible]

9/12-NQAP-005.7.1

LIST OF CALIBRATED EQUIPMENT

| Description | Serial No. | Calibration Due Date |
|-------------------------|---------------|----------------------|
| Thermo-Hygrometer | 111901142 | 11/2/2013 |
| Data Acquisition System | 18041FE | 1/16/2014* |
| Pressure Transducer | 406707 | 7/16/2014* |
| Mass Flowmeter | 4270050001001 | 2/1/2014* |
| Mass Flowmeter | 4270050003001 | 2/1/2014* |
| Stop watch | 122601005 | 10/23/2014 |

*See Intertek Corrective Action Request (CAR) 51-AMER-SAT-2014-INT and AREVA Contract Variation Approval Request (CVAR) 87-9224669-000



Calibration
Certificate No. 1750.01

Calibration complies with ISO/IEC
17025, ANSI/NCSL Z540-1, and 9001

Cert. No.: 4094-3993529

Traceable® Certificate of Calibration for Digital Humidity/Temp. Meter

Manufactured for and distributed by: Fisher Scientific, 300 Industry Drive, Pittsburgh, PA 15275-1001

Instrument Identification:

Model Numbers: 11-661-11, FB61252, 255TB S/N: 111901142 Manufacturer: Control Company

Standards/Equipment:

| Description | Serial Number | Due Date | NIST Traceable Reference |
|---------------------------|----------------|----------|--------------------------|
| Chilled Mirror Hygrometer | 31674/H2048MCR | 5/12/12 | 9193 |
| Digital Thermometer | 90969500 | 9/14/12 | 4000-3893285 |

Certificate Information:

Technician: 104 Procedure: CAL-17 Cal Date: 11/02/11 Cal Due: 11/02/13
Test Conditions: 22.5°C 45.0 %RH 1017 mBar

Calibration Data: (New Instrument)

| Unit(s) | Nominal | As Found | In Tol | Nominal | As Left | In Tol | Min | Max | ±U | TUR |
|---------|---------|----------|--------|---------|---------|--------|-----|-----|-------|-------|
| °C | | N.A. | | 23.667 | 23 | Y | 23 | 25 | 0.590 | 1.7:1 |
| %RH | | N.A. | | 41.450 | 41 | Y | 37 | 45 | 0.000 | 0.0:1 |

This instrument was calibrated using instruments traceable to National Institute of Standards and Technology.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor $k=2$ to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio;
Accuracy=(Max-Min)/2; Min = Nominal/Rounded - Tolerance; Max = Nominal/Rounded + Tolerance; Date=MM/DD/YY

Nicol Rodriguez, Quality Manager

Wanda Berry, Technical Manager

Maintaining Accuracy:

In our opinion once calibrated your Digital Humidity/Temp. Meter should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Humidity/Temp. Meters change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 4455 Rex Road Friendswood, TX 77546 USA
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-2008-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

Certificate of Calibration

| | | | |
|------------------------|--------------|-----------------------------------|-------------|
| Certificate Number: | 2994344 | Date: | 28-MAY-2014 |
| Serial Number: | 18041FE | Part Number: | 194710E-04L |
| Description: | CCA,USB-6210 | | |
| Calibration Date: | 06-DEC-2012 | Shelf Life: | 0 Days |
| Calibration Due Date*: | - | Recommended Calibration Interval: | 12 Months |
| Temperature: | 22.26 °C | Humidity: | 40.7% RH |

Standards Used

| Manufacturer | Model | Tracking Number | Calibration Date | Calibration Due |
|----------------------|----------|-----------------|------------------|-----------------|
| NATIONAL INSTRUMENTS | PXI-4070 | 6712 | 26-JUN-12 | 26-JUN-13 |
| NATIONAL INSTRUMENTS | PXI-6259 | 6871 | 27-JUN-12 | 27-JUN-13 |
| NATIONAL INSTRUMENTS | PXI-5421 | 7591 | 25-JUN-12 | 25-JUN-13 |
| VAISALA | HMT331 | 7885 | 24-MAY-12 | 24-MAY-13 |

National Instruments certifies that at the time of test, the above product was calibrated in accordance with applicable National Instruments procedures. The procedures are designed to ensure that the product listed above meets or exceeds National Instruments specifications.

We further certify that the environment in which this product was calibrated is maintained within the operating specifications of the instrument(s) standards. The measurement standards used during calibration are traceable to NIST and/or other International Measurement Institutes (NMI's) that signatories of the International Committee of Weights and Measure (CIPM) Mutual Recognition Agreement (MRA).

The information shown on this certificate applies only to the instrument identified above and this certificate may not be reproduced, except in full, without prior written consent of National Instruments.

*Optional field, *Calibration Due Date*, may be established by combining the *Recommended Calibration Interval*, *Calibration Date* and, when applicable, accounting for *Shelf Life*. Shelf life defines how long an instrument may be stored, after calibration, without impact to its specifications.

The instrument's Calibration Due Date can be calculated using the following methods:

- If date placed in service is within *Calibration Date + Shelf Life*: *Calibration Due Date* = date placed in service + *Recommended Calibration Interval*
- If date placed in service is outside *Calibration Date + Shelf Life*: *Calibration Due Date* = *Calibration Date* + *Shelf Life* + *Recommended Calibration Interval*

For questions or comments, please contact National Instruments Technical Support.



Andrew Krupp
Vice President, Quality and Continuous Improvement

OMEGADYNE INC. CERTIFICATE OF CALIBRATION

Model Number: PX409-005DWUV
Serial Number: 406707
Date: 7/15/2011
Job: R3274

Capacity: 5.00 PSID
Excitation: 10.00 Vdc
Technician: KAPOME

Pressure Connection: 1/4-18 NPT Male

WIRING CODE

Electrical Connection: Integral Cable 4-Cond
BLACK = - EXCITATION
WHITE = + SIGNAL
GREEN = - SIGNAL
RED = + EXCITATION

CALIBRATION WORKSHEET

NOTES

| Pressure PSID | OUTPUT mVdc |
|---------------|-------------|
| 0.00 | 0.007 |
| 2.50 | 50.008 |
| 5.00 | 100.016 |
| 2.50 | 50.007 |
| 0.00 | 0.007 |

NIST Traceable Number(s): C-1954, C-1289

Omegadyne Inc. certifies that the above instrumentation has been calibrated and tested to meet or to exceed the published specifications. This calibration was performed using instrumentation and standards that are traceable to the National Institute of Standards and Technology. This document also ensures that all testing performed complies with MIL-STD 45662-A, ISO 10012-1, and ANSI/NCSL Z540-1-1994 requirements. After Final Calibration our products are stored in an environmentally controlled stock room and are considered in bonded storage. Depending on environmental conditions and severity of use, factory calibration is recommended every one to three years after the initial service installation date.

Accepted and Certified By

7/15/2011
Date

Flowmeter Ser. No. 4270050001001



CERTIFICATE OF ACCURACY

This is to certify that meter serial number 4270050001001 is certified to an accuracy of +/- 1 % of 20 SCFM of N2 and has been calibrated using standards whose accuracies are traceable to the National Institute of Standards and Technology (N.I.S.T.) according to our procedures.

All traceable certifications and related procedures for the equipment used are on file.

| | |
|---------------------------|--------------------------------------|
| Barometer Number: | <u>n/a</u> |
| Vol-U-Meter Number: | <u>Base 1920</u> <u>cell 1898</u> |
| Type of Gas: | <u>N2</u> |
| Gas Used for Calibration: | <u>N2</u> |
| Pressure Gauge Number: | <u>1622</u> |
| Timer Number: | <u>n/a</u> |
| Thermometer Number: | <u>n/a</u> |
| Voltmeter: | <u>NA</u> |
| Calibrated By: | <u>[REDACTED]</u> |
| Date Calibrated: | <u>2-1-13</u> |

Uncertainty of measurements: +/- 0.3 % of reading

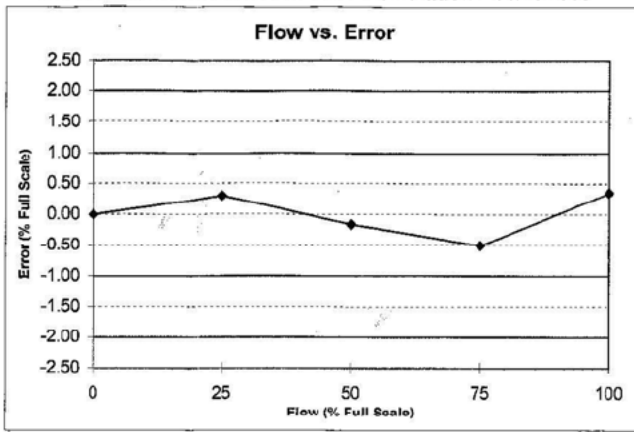
Calibrations were performed under a controlled Quality System Manual, which incorporates the requirements of ISO Guide 25, ISO 10012-1, ISO 9001 (1994) and ISO 13485. The released ISO 13485 registration (Medical Devices – Quality Management Systems – System Requirements for Regulatory Purposes) includes Design Controls and Metrology Systems.

0122220B

FM-1011 REV B



Mass Flowmeter/Flow Controller Calibration Data Sheet



Calibration Data

| Setpoint (SLPM) | Flow Signal (Volts) | Device Flow (SLPM) | Actual Flow (SLPM) | % FS Error * |
|-----------------|---------------------|--------------------|--------------------|--------------|
| 00.00 | 0.000 | 00.00 | 00.00 | 0.00 |
| 05.00 | 1.253 | 05.01 | 05.07 | 0.30 |
| 10.00 | 2.502 | 10.01 | 09.98 | -0.16 |
| 15.00 | 3.752 | 15.01 | 14.91 | -0.50 |
| 20.00 | 5.000 | 20.00 | 20.07 | 0.35 |

* % Full Scale (FS) Error = (100)(Actual Flow - Device Flow) / Full Scale Flow

DATE 2/1/2013
TIME 7:59:59 AM
Shop Order No. 427005
Serial No. 4270050001001

GAS
Nameplate (Actual) Nitrogen
Surrogate (Calibration) Nitrogen (N2)

STANDARD CONDITIONS
Std. Pressure 101.32 kPa (760 Torr)
Std. Temperature 21.1 °C

PRESSURE
Inlet (P₁) 20 PSIG
Outlet (P₂) N/A

TEMPERATURE
Calib. Temperature 21.9 °C
Oper. Temperature 70 °F

Max. Flow Rate 20 SLPM
Gas Factor 1

Calibrator MT
Flow Standard PICO 1898-1
Unit Accuracy 1.0 FS & 0.0 Rate
Calib. Attitude Horizontal (base down)

LEAK TEST DATA
Inboard (Externally Pressurized) Helium Leak Rate: $< 1 \times 10^{-8}$ atm cc/sec
Vacuum Pressure: < 5 milliTorr

Tested By: [Redacted] Date: 2-1-13

FM-1119 Rev. K

Flowmeter Ser. No. 4270050003001



CERTIFICATE OF ACCURACY

This is to certify that meter serial number 4270050003001 is certified to an accuracy of +/- 1 % of 200 slpm of N₂ and has been calibrated using standards whose accuracies are traceable to the National Institute of Standards and Technology (N.I.S.T.) according to our procedures.

All traceable certifications and related procedures for the equipment used are on file.

| | |
|---------------------------|----------------------|
| Barometer Number: | <u>1667</u> |
| Vol-U-Meter Number: | <u>613</u> |
| Type of Gas: | <u>N₂</u> |
| Gas Used for Calibration: | <u>N₂</u> |
| Pressure Gauge Number: | <u>1950</u> |
| Timer Number: | <u>1876</u> |
| Thermometer Number: | <u>985</u> |
| Voltmeter: | <u>NA</u> |
| Calibrated By: | <u>[REDACTED]</u> |
| Date Calibrated: | <u>2-7-13</u> |

Uncertainty of measurements: +/- 0.3 % of reading

Calibrations were performed under a controlled Quality System Manual, which incorporates the requirements of ISO Guide 25, ISO 10012-1, ISO 9001 (1994) and ISO 13485. The released ISO 13485 registration (Medical Devices – Quality Management Systems – System Requirements for Regulatory Purposes) includes Design Controls and Metrology Systems.

0122220B

FM-1011 REV B



MASS FLOWMETER/FLOW CONTROLLER CALIBRATION DATA SHEET

SPECIFICATIONS

MODEL #: FMA-875A-V-NIST SERIAL #: 4270050003001
FLOW RANGE: 200 SLPM OPERATING TEMPERATURE: 70 F
NAMEPLATE (PROCESS) GAS: N2 SURROGATE (CALIBRATION) GAS: N2
STANDARD TEMPERATURE: 21.1 C STANDARD PRESSURE: 101.32 kPa (760 Torr)
P1 (INLET PRESSURE): 20 PSIG P2 (OUTLET PRESSURE): N/A
CALIBRATION TEMPERATURE: 18.7°C
CALIBRATION ATTITUDE (calibration attitude checked):
☒ Horizontal (base down) ☐ Horizontal (upside down)
☐ Horizontal (front down) ☐ Horizontal (back down)
☐ Vertical (inlet up) ☐ Vertical (inlet down)
CALIBRATION ACCURACY: ± 1 % OF FULL SCALE FLOW

CALIBRATION DATA

| % FULL SCALE (Nominal) | FLOW SIGNAL OUTPUT (signal type checked) <input checked="" type="checkbox"/> Vdc <input type="checkbox"/> mAde | STANDARD VOLUMETRIC FLOW (Units: SLPM) | | ERROR * (% Full Scale) |
|---------------------------|---|--|----------|---------------------------|
| | | DEVICE | MEASURED | |
| 100 | 5.000 | 200.000 | 200.079 | .5395 |
| 75 | 3.750 | 150.000 | 149.317 | -.3415 |
| 50 | 2.500 | 100.000 | 100.488 | .2440 |
| 25 | 1.250 | 50.000 | 50.852 | .4260 |
| 0 | 0.00 | 0.000 | 0.000 | ----- |

* % FULL SCALE ERROR = (100) (MEASURED FLOW - DEVICE FLOW) ÷ FULL SCALE FLOW

CALIBRATED BY: [REDACTED] DATE: 2-7-13

LEAK TEST DATA

INBOARD (EXTERNALLY-PRESSURIZED) HELIUM LEAK RATE: <1x 10⁻⁸ atm cc/sec

VACUUM PRESSURE: <5 millitorr

TESTED BY: [REDACTED] DATE: 2-1-13

FM-355-OE Rev. 0



Calibration complies with ISO 9001
ISO/IEC 17025 AND ANSI/NCSL Z540-1

Cert. No.: 1042-4689088

Calibration
Certificate No. 1750.01

Traceable® Certificate of Calibration for Waterproof Stopwatch

Manufactured for and distributed by: Fisher Scientific, 300 Industry Drive, Pittsburgh, PA 15275-1001

Instrument Identification:

Model Numbers: 0666256, FB70240 S/N: 122601005 Manufacturer: Control Company

Standards/Equipment:

| Description | Serial Number | Due Date | NIST Traceable Reference |
|-------------------------------|---------------|----------|--------------------------|
| Non-contact Frequency Counter | 26.8 2025 | 3/06/13 | 1000313632 |

Certificate Information:

Technician: 67 Procedure: CAL-01 Cal Date: 10/23/12 Cal Due: 10/23/14
Test Conditions: 22.5°C 45.0 %RH 1015 mBar

Calibration Data: (New Instrument)

| Unit(s) | Nominal | As Found | In Tol | Nominal | As Left | In Tol | Min | Max | ±U | TUR |
|----------|---------|----------|--------|---------|---------|--------|--------|-------|-------|------|
| Sec/24hr | | N.A. | | 0.000 | -0.600 | Y | -8.640 | 8.640 | 0.130 | >4:1 |

This Instrument was calibrated using Instruments Traceable to National Institute of Standards and Technology.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor $k=2$ to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio;
Accuracy= $\pm(\text{Max-Min})/2$; Min = Nominal(Rounded) - Tolerance; Max = Nominal(Rounded) + Tolerance; Date=MM/DD/YY

Nicole Rodriguez, Quality Manager

Wallace Berry, Technical Manager

Maintaining Accuracy:

In our opinion once calibrated your Waterproof Stopwatch should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Waterproof Stopwatches change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 4455 Rex Road Friendswood, TX 77546 USA
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01806-2008-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

TEST ARTICLE ATTRIBUTE CHECKLIST

PROJECT NO: G101276459-001C

CLIENT: AREVA

Project Description: PRESSURE TEST #7 (AND SEISMIC TEST #5 (TASK C))

I. ASSEMBLY

SAT UNSAT

Proper materials used
Material documentation complete
Configuration/dimensions in accordance w/ approved drawings
Description of assembly: MAX PRESSURE TEST #7

X
X
X

II. ELECTRICAL CABLE

Correct material used
Material documentation complete
Correct cable lay-in and fill requirements
Description of electrical cable: _____

N/A

III. THERMOCOUPLES

Correct thermocouple type, certs received
Thermocouples positioned in accordance with test plan
Adequately labeled and secured
Quality Assurance verification done
Description of thermocouples: _____

N/A

IV. FIRE BARRIER

Name or type of material XQSL DC 170, DC 732, DC 790
INTERTEK received material documentation provided by Client
Materials provided by INTERTEK properly documented
Materials installed by INTERTEK in accordance with test plan
INTERTEK Quality Assurance responsibilities determined
QA responsibilities of Client installation determined
Moisture check required Yes _____ No X
Special requirements _____

X
X
X
X

V. FINAL PREBURN VERIFICATION

Final visual inspection & approval (initials) INTERTEK _____ Client _____

CALIBRATION DOCUMENTATION (S/N and calibration due date)

Data Acquisition Equipment: _____
Other Measurement Devices: SEE TEST DATA PACKAGE

Temperature 88 Humidity 42 Date 9/30/13 Time of Test start 12:42

INTERTEK pre-burn checklist performed by _____

Client representative present to witness test _____

Note: Verification to be made using initials by INTERTEK Quality Assurance or test personnel.

TEST ARTICLE ATTRIBUTE CHECKLIST

PROJECT NO: G101276459 SAT-001C CLIENT: AREVA

Project Description PRESSURE TEST #7 (Bottom)

I. ASSEMBLY SAT UNSAT

Proper materials used X
Material documentation complete..... X
Configuration/dimensions in accordance w/ approved drawings.... X
Description of assembly: MOX PRESSURE TEST #7

II. ELECTRICAL CABLE

Correct material used N/A
Material documentation complete N/A
Correct cable lay-in and fill requirements N/A
Description of electrical cable: _____

III. THERMOCOUPLES

Correct thermocouple type, certs received N/A
Thermocouples positioned in accordance with test plan N/A
Adequately labeled and secured N/A
Quality Assurance verification done N/A
Description of thermocouples: _____

IV. FIRE BARRIER

Name or type of material GSIL, DC170, DC132, DC790
INTERTEK received material documentation provided by Client..... X
Materials provided by INTERTEK properly documented X
Materials installed by INTERTEK in accordance with test plan X
INTERTEK Quality Assurance responsibilities determined X
QA responsibilities of Client installation determined
Moisture check required Yes _____ No X
Special requirements _____

V. FINAL PREBURN VERIFICATION

Final visual inspection & approval (initials) INTERTEK _____ Client _____

CALIBRATION DOCUMENTATION (S/N and calibration due date)

Data Acquisition Equipment: _____
Other Measurement Devices: SEE TEST DATA PACKAGE

Temperature 88 Humidity 21 Date 10-7-13 Time of Test start 2:03 P

INTERTEK pre-burn checklist performed by _____

Client representative present to witness test _____

Note: Verification to be made using initials by INTERTEK Quality Assurance or test personnel.

09-013-12/30/03

MD

Certificate of Conformance

Client Name: AREVA NP Inc.

Date: July 25, 2014

Project No: G101276459SAT-001C

Intertek Testing Services NA (Intertek) has conducted testing for AREVA NP Inc., on the pressure resistance capabilities of Unifrax Fiberfrax® Durablanket® S (Durablanket), Dow Corning® Sylgard® 170 Silicone Elastomer (DC-170), Quantum Silicones QSII 5558MC Silicone Elastomer (QSII 5558MC), Dow Corning® 732 Multi-Purpose Sealant (DC-732) and Dow Corning® 790 Multi-Purpose Sealant (DC-790) through a 12" thick concrete deck for compliance with the applicable requirements of and in accordance with AREVA NP Inc. Document No. 51-9206196-001, *Detailed Test Plan for Conducting MOX Pressure Test 7*. This evaluation took place on September 30, October 1 and October 7, 2013.

The materials, processes, and deliverable(s) in this project were managed under and conform to the test laboratory's 10CFR50 Appendix B Quality Assurance Program.



Michael A Brown
Quality Supervisor

July 25, 2014

Date

Intertek Testing Laboratory
16015 Shady Falls Road, Elmendorf TX 78112
210-635-8100

Quality Assurance Statement

Intertek is devoted to engineering, inspection, quality assurance and testing of building materials, products and assemblies. Intertek has developed and implemented a Quality Assurance Program designed to provide its clients with a planned procedure of order and document processing for inspection and testing services it provides to assure conformity to requirements, codes, standards and specifications. The Program is designed to meet the intent of ANSI 45.2 Quality Assurance Program Requirements for Nuclear Power Plants, and complies with the requirements of the ASME Code, SPPE, Military Standards and other less stringent programs. It is the Laboratory's intention to adhere strictly to this Program, to assure that the services offered to its clients remains of the highest quality and accuracy possible.

All QA Surveillance documents remain on file at the Laboratory, and are available for inspection by authorized personnel in the performance of an on-site QA Audit. All materials, services and supplies used herein were obtained with appropriate QA Certifications of Compliance.

REVISION SUMMARY

| DATE | SUMMARY |
|---------------|---------------------|
| | |
| July 25, 2014 | Original Issue Date |
| | |