



July 13, 2012

SNM 1168, docket 70-1201

ATTN: Document Control Desk  
Director, Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: Semi-annual effluent report: January 1, 2012 through June 30, 2012.

In accord with the provisions of 10 CFR 70.59, the Mount Athos Road Facility of AREVA NP, Inc. (Lynchburg, Virginia) submits the enclosed gaseous effluent report for the Uranium Operations; first semi-annual period of 2012.

Please note the effluent for our uranium operations was discontinued on August 29, 2011.

You may contact me at (434) 832-5225 should you have any questions or require additional information regarding the enclosed report.

Sincerely,

*Michelle T. Moore*

Michelle T. Moore  
Manager, Environmental, Health,  
Safety and Licensing

cc: USNRC, Region II  
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Atlanta, Georgia 30303-1257

EHS&L file: 301

115501

**AREVA NP INC.**

An AREVA and Siemens company

**AREVA NP, Inc.  
Mt. Athos Road Facility  
Lynchburg, Virginia**

**\* Pellet Loading Room**

Reporting Period: 01/01/2012 to 06/30/2012

Sample Collection Point: Main Plant Stack - 1 sampling pt.

Volume Released: 0.00 cubic feet

Stack Flow Rate (typical): 0.00 cubic feet per minute

Activity Released: Gross Alpha: 0.00  $\mu\text{Ci}$

Isotope	Activity Released ( $\mu\text{Ci}$ )	Average Concentration ( $\mu\text{Ci/ml}$ )	Percent of 10 CFR Part 20, Appendix B, Table 2
U-234	0.00	0.00	N/A
U-235	0.00	0.00	N/A
U-236	0.00	0.00	N/A
U-238	0.00	0.00	N/A

Lower Limit of Detection: N/A  $\mu\text{Ci/ml}$

**Maximum Concentration Released in One Sampling Period:**

Isotope	10 CFR Part 20 Appendix B Table 2:	Maximum Concentration Released ( $\mu\text{Ci/ml}$ )	Percent of 10 CFR Part 20, Appendix B, Table 2
U-234	5E-14	0.00	0.00
U-235	6E-14	0.00	0.00
U-236	6E-14	0.00	0.00
U-238	6E-14	0.00	0.00

**\* Pellet Loading Room Effluent discontinued effective 08/29/2011**