



May 16, 2013
LJM:13:010 (Revised)

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

Dear Sirs:

**Subject: NRC Form 327 for AREVA NP Inc. (Lic. No. SNM-1227; Docket No. 70-1257) –
Corrected Copy**

Enclosed is a corrected NRC Form 327, which reports the results of our material balance accounting and SEID calculations for the period March 20, 2012 to March 18, 2013. The original version of this report conveyed on May 15, 2013 had a typographical error in the Grams Isotope entry on Line 10b of the form. Accordingly, we request that you replace the transmittal dated May 15 with this replacement transmittal. We regret any inconvenience this may entail.

The information in the enclosure is proprietary in accordance with 10 CFR 2.390(d). An affidavit supporting the proprietary nature of this information is attached.

Very truly yours,

A handwritten signature in black ink that reads "L. J. Maas".

L. J. Maas, Manager
Licensing & Compliance

/mah

2115501

AREVA NP INC.

2101 Horn Rapids Road, Richland, WA 99354
Tel.: 509 375 8100 - www.aveva.com

Explanatory Notes

1. It is assumed that the measurement and non-measurement contributions to SEID are equal.
2. The sum of additions to and removals from material in-process is used as a conservative estimate of the active inventory. This practice is in accordance with Section 8.2.7 of the FNMC Plan.
3. The SEID limit is computed as 0.177 percent on line 11a.

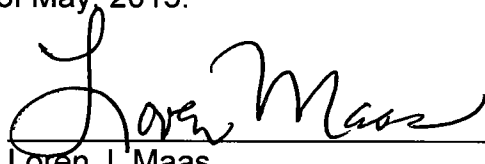
c: Marilyn Diaz
US Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Mail Stop E2C40M
Rockville, MD 20852

fierce and manufacturing costs of the nuclear fuel are critical to the maintenance of market share and to the growth of market share among utility customers.

4. The Special Nuclear Material and Source Material Physical Inventory Summary Report contains commercial information of a confidential nature that is not available in public sources or available to the public. This information contained in this report is commercial and confidential because it reveals specific information about the AREVA NP Richland manufacturing facility relative to its production throughput. All of this information can be used by competitors to gain undue insight into AREVA's commercial relationships, probable cost structure, operations and business.

5. AREVA will suffer considerable competitive harm if the contents of the Special Nuclear Material and Source Material Physical Inventory Summary Report are made available to AREVA's domestic and international competitors because of the potential to undermine the financial position of AREVA. Finally, this information cannot be reasonably segregated from other material which may not meet the criteria set forth in 10 CFR § 2.390.

Dated this 16th day of May, 2013.



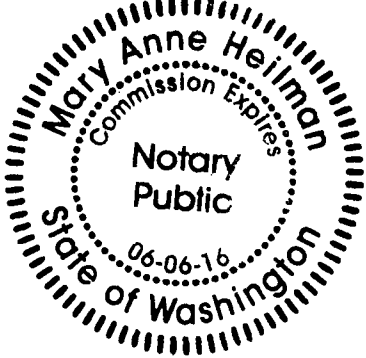
Loren J. Maas
Manager, Licensing & Compliance

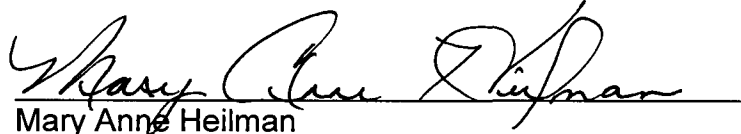
STATE OF WASHINGTON)
 :
COUNTY OF BENTON) ss

On this 16th day of May, 2013, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared Loren J. Maas to me known to be the Manager, Licensing & Compliance of AREVA NP Inc., the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of

said corporation, for the uses and purposes therein mentioned, and on oath stated that he is authorized to execute the said instrument.

Witness my hand and official seal hereto affixed the day and year first above written.





Mary Anne Heilman
Notary Public in and for the State of Washington,
residing at Kennewick, Washington.
MY COMMISSION EXPIRES: June 6, 2016