



April 22, 2010
DLN:10:025

Director
Office of Nuclear Material Safety and Safeguards
U. S. Nuclear Regulatory Commission
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)

Enclosed is a completed NRC Form 327, which reports the results of our material balance accounting and SEID calculations for the period March 28, 2009 to March 30, 2010.

The information in the enclosure is proprietary in accordance with 10 CFR 2.390(d).

Very truly yours,

A handwritten signature in black ink that reads 'D. L. Noss'.

D. L. Noss,
Supervisor of MC&A

Enclosure

1145501

AREVA NP INC.
An AREVA and Siemens company

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