

October 29, 2010

Mr. Robert W. Sharkey, Manager  
Environmental, Health, Safety and Licensing  
AREVA NP, Inc.  
1724 Mount Athos Road  
P.O. Box 11646  
Lynchburg, VA 24506-1646

SUBJECT: AMENDMENT 16 - AREVA NP, INC. (LYNCHBURG), REVISION 21 OF THE  
FUNDAMENTAL NUCLEAR MATERIAL CONTROL PLAN FOR SNM-1168  
(TAC L32977)

Dear Mr. Sharkey:

This letter is in reference to your submittal dated July 30, 2009, in which you provided Revision 21 of your Fundamental Nuclear Material Control (FNMC) Plan. Our review determined that the changes do not decrease the effectiveness of the Material Control and Accounting program in your license application.

Pursuant to Part 70 of Title 10 of the *Code of Federal Regulations* (10 CFR), Materials License SNM-1168 is hereby amended to incorporate Revision 21 of the FNMC Plan. Accordingly, Safeguards Condition SG-1.1 will be changed to read as follows:

SG-1.1        The licensee shall follow Chapters 1.0 through 9.0 of its "Fundamental Nuclear Material Control Plan," Revision 21, and dated July 30, 2009. This Plan may be further revised in accordance with, and pursuant to, the provisions of either 10 CFR 70.32(c) or 70.34.

Safety Condition S-1 of Materials License SNM-1168 will be revised to include the date July 30, 2009. Safeguards Conditions SG-1.3, SG-1.4 and SG-1.5 have been revised to reflect that they were previously deleted in Amendment 13. All other conditions to this license remain the same.

Enclosed are copies of the revised Materials License SNM-1168 (non-public), the revised Materials License SNM-1168(public), and the Safety Evaluation Report (SER).

If you have any questions regarding this letter, please contact Richard Thompson of my staff at (301) 492-3220, or via e-mail to [Richard.Thompson@nrc.gov](mailto:Richard.Thompson@nrc.gov).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and the Amendment (Enclosure 2) will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (PARS) component of NRC's Agency-wide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at (the Public Electronic Reading Room) <http://www.nrc.gov/reading-rm/adams.html>.

R. Sharkey

2

In accordance to the provisions of 10 CFR 2.390(d), the Materials License (Enclosure 1) and the SER (Enclosure 3) contain sensitive, unclassified security information, and is therefore deemed Official Use Only and will not be placed in the Public Document Room nor the Publicly Available Records component of the NRC's ADAMS.

**TAC L32977 is closed.**

Sincerely,

**/RA/**

Brian W. Smith, Acting Deputy Director  
Fuel Facility Licensing Directorate  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 70-1201  
License No.: SNM-1168  
Amendment 16

Document Transmitted contains Security-  
Related information. When separated from  
enclosure 1 and 3, this document and  
enclosure 2 are decontrolled.

Enclosures:

1. Materials License SNM-1168 (Non-public)
2. Materials License SNM-1168 (Public)
3. Safety Evaluation Report

R. Sharkey

2

In accordance to the provisions of 10 CFR 2.390(d), the Materials License (Enclosure 1) contain sensitive, unclassified security information, and is therefore deemed Official Use Only and will not be placed in the Public Document Room nor the Publicly Available Records component of the NRC's ADAMS.

**TAC L32977 is closed.**

Sincerely,

**/RA/**

Brian W. Smith, Acting Deputy Director  
Fuel Facility Licensing Directorate  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 70-1201  
License No.: SNM-1168  
Amendment 16

Document Transmitted contains Security-Related information. When separated from enclosure 1, this document and enclosure 2 are decontrolled.

Enclosures:

1. Materials License SNM-1168 (Non-public)
2. Materials License SNM-1168 (Public)
3. Safety Evaluation Report

DISTRIBUTION:

FFLD r/f  
TPham, MCAB

MSykes, RII  
GTuttle, MCAB

RRodriguez  
MThomas, RII

**ML102360757**

<b>OFC</b>	FFLD		FFLD		FFLD		FFLD	
<b>NAME</b>	RThompson		LAllen		PHabighorst		BSmith	
<b>DATE</b>	9/23/10		9/24/10		9/24/10		10/29/10	

**OFFICIAL RECORD COPY**