

September 28, 2005

Mr. Charlie F. Holman, Manager Site Licensing  
Environmental, Health, Safety and Licensing  
Framatome ANP, Inc.  
1724 Mount Athos Road  
P.O. Box 11646  
Lynchburg, VA 24506-1646

SUBJECT: AMENDMENT 6 - FRAMATOME ANP, INC. (LYNCHBURG) UPDATE OF  
CHAPTER 3 OF LICENSE APPLICATION AND APPROVAL OF INTEGRATED  
SAFETY ANALYSIS SUMMARY AND ANNUAL UPDATE (TAC L31853)

Dear Mr. Holman:

This letter is in reference to your application dated October 15, 2004, and August 31, 2005, in which you requested a license amendment change to Chapter 3 of your application. Also addressed in this letter is the annual update to the Integrated Safety Analysis (ISA) Summary dated January 28, 2005, and a supplement to the ISA Summary dated May 19, 2005. Our review determined that the changes are acceptable. Pursuant to Part 70 of Title 10 of the Code of Federal Regulations, Materials License SNM-1168 is hereby amended to incorporate Amendment 6. Accordingly, Safety Condition S-1 has been revised to include the dates of October 15, 2004, and May 19, 2005. In addition, as a result of this review, Safety Condition S-5 has been added to your license and reads as follows:

S-5 The ISA methodology shall be implemented and maintained as presented in the ISA Summary submitted on May 19, 2005. Accident scenario development shall be limited to What-If, FMEA, HAZOP and Fault Tree methods. Assignment of indices for initiating events and reduction of risk provided by IROFS shall be consistent with Chapter 5 of the ISA Summary. Demonstration that the performance criteria of Subpart H have been met shall be as prescribed in the "Use of Tables" section in the ISA Summary. Determination of likelihood shall be as defined in Chapter 9 of the ISA Summary. Framatome must obtain a license amendment for proposed deviations to the methodologies for items listed in this Safety Condition.

The ISA Summary transmitted in a letter dated October 15, 2004, as updated January 28, 2005, and May 19, 2005, is hereby approved. The Technical Evaluation Report related to the Nuclear Regulatory Commission's (NRC's) approval of the ISA Summary may be found in Enclosure 2 to this letter. TAC No. L31853 is closed upon issuance of this letter.

All other license conditions remain the same. If you have any questions regarding this letter, please contact Billy Gleaves of my staff at (301) 415-5848 or via e-mail to [bcg@nrc.gov](mailto:bcg@nrc.gov).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and enclosures will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at [www.nrc.gov/NRC/reading-room/adams.html](http://www.nrc.gov/NRC/reading-room/adams.html).

Sincerely,

/RA/

Gary S. Janosko, Chief  
Fuel Cycle Facilities Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No: 70-1201  
License No: SNM-1168  
Amendment 6

Enclosures: 1. Safety Evaluation Report  
2. Technical Evaluation Report  
3. Amendment 6

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Sincerely,

/RA/

Gary S. Janosko, Chief  
Fuel Cycle Facilities Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
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Docket No: 70-1201  
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- Enclosures: 1. Safety Evaluation Report  
2. Technical Evaluation Report  
3. Amendment 6

**Closes TAC L31853**

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