



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

December 16, 2005

(NMED NO. 030231)

Framatome ANP
ATTN: Mr. Robert Freeman
Plant Manager
Mount Athos Road Facility
P. O. Box 11646
Lynchburg, VA 24506-1646

SUBJECT: NRC INSPECTION REPORT NO. 70-1201/2005-004

Dear Mr. Freeman:

This refers to the inspection conducted from November 14-18, 2005, at your Mount Athos Road, facility. The purpose of the inspection was to determine whether activities authorized by the license were conducted safely and in accordance with NRC requirements.

As a result of the inspection, the enclosed NRC Forms 591FF, SAFETY INSPECTION REPORT, are being issued. The enclosed forms indicate that no violations were identified during the inspection of your licensed activities. Should you agree with the inspection results, acknowledge by signature on Form 591FF Part 1 and return a signed copy to this office. Please retain the original Form 591FF Part 1 and 3 for your files.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Should you have any questions concerning this letter, please contact us.

Sincerely,

/RA/

David A. Ayres, Chief
Fuel Facility Inspection Branch 1
Division of Fuel Facility Inspection

Docket No. 70-1201
License No. SNM-1168

Enclosures: 1. NRC Form 591FF Part 1
2. NRC Form 591FF Part 3

cc w/encls:

Charlie Holman, Manager
Environmental, Health, Safety and Licensing
Framatome ANP, Inc.
Lynchburg Manufacturing Facility
P. O. Box 11646
Lynchburg, VA 24506-1646

Leslie P. Foldesi, CHP, Director
Bureau of Radiological Health
Division of Health Hazards Control
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Main Street Station
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- N. Baker, NMSS
- Public

- PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE

ADAMS: Yes ACCESSION NUMBER: _____

OFFICE	RII:DFFI	RII:DFFI					
SIGNATURE	/RA/	/RA/					
NAME	A Gooden	O Lopez					
DATE	12/08/2005	12/08/2005	12/ /2005	12/ /2005	12/ /2005	12/ /2005	12/ /2005
E-MAIL COPY?	YES	YES	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: E:\Filenet\ML053570347.wpd

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:
Framatome ANP
Mount Athos Road Facility
Lynchburg, VA 24506-1646
REPORT NO. 70-1201/2005-004

2. NRC/REGIONAL OFFICE
U.S. Nuclear Regulatory Commission
Region II, Division of Fuel Facilities Inspection
61 Forsyth Street, Suite 23T85
Atlanta, GA 30303

3. DOCKET NUMBER(S)
70-1201

4. LICENSEE NUMBER(S)
SNM - 1168

5. DATE(S) OF INSPECTION
November 14-18, 2005

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.

_____ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):

- 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

Title	Printed Name	Signature	Date
LICENSEE'S REPRESENTATIVE	Robert Freeman		
NRC INSPECTOR	Alphonsa Gooden, Omar Lopez		December 12, 2005

Docket File Information
**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

<p>1. LICENSEE Framatome Advance Nuclear Power, Inc. Mt. Athos Road Facility Lynchburg, VA REPORT 70-1201/2005-004</p>	<p>2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region II, Division of Fuel Facilities Inspection 61 Forsyth Street, Suite 23T85 Atlanta, GA 30303</p>	
<p>3. DOCKET NUMBER(S) 70-1201</p>	<p>4. LICENSE NUMBER(S) SNM - 1168</p>	<p>5. DATE(S) OF INSPECTION</p>

6. INSPECTION PROCEDURES USED

SUPPLEMENTAL INSPECTION INFORMATION

PROGRAM SCOPE

The Framatome Mt. Athos Road Facility fabricates low-enriched uranium fuel for use in pressurized water reactors. The licensee also maintains separate facilities on site for the storage, maintenance, and decontamination of reactor service and inspection equipment that may be contaminated with by-product material. During the period of the inspection, all operations were normal.

The following inspection procedures were used: 88050, 83822 (except sections 1.09, 1.10, and 1.11), 88055, and 86740.

This routine, announced inspection included observations and evaluation of the following programs: emergency preparedness, radiation protection, fire protection, and transportation. The inspection involved observations of work activities, reviews of selected records, and interviews with plant personnel. The inspection identified the following aspects of the licensee programs as outlined below:

Radiation Protection

- The radiation protection program was being implemented in accordance with regulations and license commitments. Self assessments by the licensee were detailed, compliance oriented, and effective in identifying areas of non-compliance. Corrective actions to resolve audit findings was an area for improvement as evidenced by repetitive audit findings associated with workers not following radiation work permits and posting requirements.
- The observed equipment used for detecting the presence of radiation and contamination was properly maintained and performed the intended safety function in a reliable manner.
- Based on exposure documentation and interviews, exposures were significantly below the occupational limits in 10 CFR 20.1201.
- The respiratory protection program was implemented in a manner to ensure that the equipment issuance, storage, user training, and fit testing met federal requirements for respirator use.
- The licensee*s posting provided adequate controls to communicate to workers the potential hazard and/or protective equipment requirements for work areas.
- Contamination control surveys were effective in the identification of contamination and were

*Docket File Information***SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE

REPORT

2. NRC/REGIONAL OFFICE

**U.S. Nuclear Regulatory Commission
Region II, Division of Fuel Facilities Inspection
61 Forsyth Street, Suite 23T85
Atlanta, GA 30303**

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SUPPLEMENTAL INSPECTION INFORMATION**PROGRAM SCOPE**

performed in accordance with procedures.

Emergency Preparedness

- Changes to the emergency organization and/or Emergency Procedure SL-1308 had no impact on the effectiveness of the emergency management program.
- The revised addendums to Emergency Procedure SL-1308 continued to implement the response actions in SL-1308 to site postulated accidents. However, inconsistencies were noted in Addendums 7 and 17 regarding the notification requirements for offsite law enforcement authorities.
- Emergency response training was adequate to meet license commitments for maintaining an emergency response organization.
- The licensee maintained current agreements with offsite support groups and participated in the offsite local emergency planning committee organization.
- The licensee's drill and exercise program were adequate for testing the emergency procedures and demonstrating that an emergency organization was maintained in accordance with license commitments.
- The equipment used for emergency response was adequately inspected and tested to ensure proper operations.

Transportation

- The inspector determined that activities associated with the packaging, classification, and shipments of scrap pellets and empty packages were performed in accordance with the current procedures and regulations.
- The inspector determined that activities associated with the receipt of pellets and contaminated field services equipment were performed in accordance with the current procedures and regulations.

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PROGRAM SCOPE

- The inspector noted that reviewed shipping papers contained the required information as found in the regulations. However, a lack of attention to detail was noted in the completion of the shipping papers.
- Current Certificates of Compliance (CoC) were on file and being properly implemented for the four shipping containers used to transport fuel scrap, pellets or assemblies. Shipping container maintenance was provided in accordance with the CoCs.
- Management controls for the packaging and transporting of radioactive materials were being implemented in accordance with the quality assurance and audit program.

Fire Protection

- There had been no changes in management or support personnel and no significant issues since the last inspection.
- Fire safety and protection systems were implemented and properly maintained.
- The process areas, equipment, and material storage areas were operated in accordance with fire safety requirements. Fire hazards were minimized by appropriate housekeeping.
- The observed hot work activities were performed in accordance with approved procedures.
- The facility's pre-fire plan was maintained up to date.
- The inspector confirmed that the licensee performed annual audits and monthly inspections in accordance with license requirements.

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PROGRAM SCOPE

Items Opened, Closed, And Discussed

<u>Item Number</u>	<u>Status</u>	<u>Description</u>
TI 2600/012	Closed	Institutionalizing Concern Regarding Safety Issues Identified In Selected Past Generic Communications. Based on interviews, documentation, and physical inspection of equipment, the inspector determined that where appropriate, the licensee had taken actions to address the issues identified in response to IN 95-051 (Recent Incidents Involving Loss of Control of Licensed Material), IN 89-047 (Potential Problems With Worn or Distorted Hose Clamps on Self-Contained Breathing Apparatus), IN 86-024 (Respirator Users Notice: Increased Inspection Frequency for Certain Self-Contained Breathing Apparatus Air Cylinders), and IN 00-07 (National Institute for Occupational Safety and Health Respirator User Notice: Special Precautions for Using Certain Self-Contained Breathing Apparatus Air Cylinders).
EN 30231	Closed	LER - The licensee reported receiving a radioactive shipment of control rod drive mechanisms from Arkansas Nuclear One with external radiation levels greater than specified limits.
2005-001-02	Discussed	IFI - Review radioactive materials calculation for transport. Based on a review of Addendum 6 to Procedure SL-1600, the inspectors determined that Section 6.3 of Addendum 6 does not refer to the computer program used to perform the calculation, and the specific inputs and their units required to perform the calculation. Thus the revised procedure is incomplete and relies on institutional knowledge. The procedure lacks guidance on determining the conversion

(11-2005)

10 CFR 2.201

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PROGRAM SCOPE

<u>Item Number</u>	<u>Status</u>	<u>Description</u>
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		factor for the specific package being shipped. The item remains open pending the resolution of the concerns of the procedure's definition of units used in the formulas, the completion of the procedure, and the representativeness of the conversion factor to the content of the specific shipments.
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