



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

October 4, 2006

Mr. Dominique Grandemange, Site Manager
Areva NP, INC.
Mount Athos Road Facility
P. O. Box 11646
Lynchburg, Virginia 24506-1646

SUBJECT: NRC INSPECTION REPORT NO. 70-1201/2006-006

Dear Mr. Grandemange:

This refers to the inspection conducted at your Mount Athos Road facility from September 11-14, 2006. The purpose of this inspection was to determine whether activities authorized by the license were conducted safely and in accordance with NRC requirements. At the conclusion of the inspection, the inspector discussed the findings with you and members of your staff.

As a result of the inspection, the enclosed NRC Forms 591FF, SAFETY INSPECTION REPORT, Parts 1 and 3, are being issued. The enclosed forms indicate that no violations were identified during the inspection of your licensed activities. Please retain the forms in your files. No acknowledgment of this letter is required.

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

Enclosure: NRC Form 591FF Parts 1 and 3

D. Grandemange

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cc w/encl:
Charlie Holman, Manager
Environmental, Health, Safety and Licensing
Areva NP, Inc.
Lynchburg Manufacturing Facility
P. O. Box 11646
Lynchburg, VA 24506-1646

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ADAMS: Yes ACCESSION NUMBER: _____

OFFICE	RII:DFFI	RII:DFFI				
SIGNATURE	/RA/	/RA/				
NAME	SSubosits	AGooden				
DATE	09/29/2006	09/29/2006				
E-MAIL COPY?	NO	YES	YES	NO	YES	NO

OFFICIAL RECORD COPY DOCUMENT NAME: E:\Filenet\ML062780085.wpd

**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE

**Areva NP, Inc.
P. O. Box 11646
Lynchburg, VA 24506-1646**

2. NRC/REGIONAL OFFICE

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

REPORT NUMBER(S): **2006-006**

3. DOCKET NUMBER(S):

70-1201

4. LICENSE NUMBER(S):

SNM-1168

5. DATE(S) OF INSPECTION:

September 11-14, 2006

6. INSPECTOR(S): **S. Subosits**

7. INSPECTION PROCEDURES USED: **88020**

SUPPLEMENTAL INSPECTION INFORMATION

Executive Summary

The Areva Lynchburg Facility loads UO₂ pellets into fuel rods and fabricates fuel rod assemblies for use in nuclear power reactors. In addition, the licensee conducts refurbishment activities on power reactor equipment potentially contaminated with by-product material. During the period of the inspection, there were no plant upsets or unusual operational occurrences.

This routine, announced inspection included observations and evaluations of plant operations and maintenance activities, and a review of the configuration management process. The inspector observed operations and maintenance activities, reviewed selected procedures and records, and conducted interviews with plant personnel. The inspection results are outlined below:

Plant Operations (88020)

- Operations personnel were knowledgeable of procedures and safety-related controls and equipment. Fuel handling operations were performed in accordance with nuclear criticality safety controls. Qualified operators demonstrated proper conduct of on-the-job training and oversight for unqualified personnel in the fuel assembly area.
- The licensee's configuration management (CM) program was adequate to ensure plant modifications are reviewed by affected design and safety disciplines for impacts to plant procedures and regulatory documents. The inspector noted that the licensee's CM program procedure does not contain a provision to ensure configuration-controlled drawings are updated prior to closeout of plant modification packages. The licensee discussed intentions to assess the necessity for a CM program procedure update to ensure facility drawings impacted by a modification are updated prior to closeout of a modification package.
- The licensee performed adequate maintenance and surveillance testing on the criticality monitoring system.

Executive Summary (continued)**Temporary Instruction 2600/012:** “Institutionalizing Concern Regarding Safety Issues Identified in Selected Past Generic Communications”

- **Information Notice (IN) 99-03, “Inadvertent Discharge of Carbon Dioxide Fire Protection System and Gas Migration”:** The conditions identified in this IN are not applicable because there are no CO₂ Fire Suppression systems at the Areva NP Lynchburg facility. Thus the issues identified in this IN are not applicable to the licensee. This IN is considered closed.
- **IN-99-030, “Failure of Double Contingency Based on Administrative Controls Involving Laboratory Sampling and Spectroscopic Analysis of Wet Uranium Waste”:** The conditions identified in this IN were not applicable because the licensee handles only dry process waste with small quantities of uranium. The inspector reviewed the licensee's procedure for determining the assays of dry process waste containers. No issues were identified with the scanning method, or procedure for determining the uranium content in waste drums. This IN is considered closed.