



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

August 23, 2006

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

SUBJECT: NRC INSPECTION REPORT NO. 70-1201/2006-005

Dear Mr. Grandemange:

This refers to the results of the above-referenced Nuclear Regulatory Commission (NRC) inspection conducted at your Lynchburg, Virginia facility on July 31 through August 3, 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 on August 3, 2006, the NRC 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

Leslie P. Foldesi, CHP, Director
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1500 East Main, Room 240
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D. Grandemange

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ADAMS: ☐ Yes ACCESSION NUMBER: _____

OFFICE	RII:DFFI	RII:DFFI				
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NAME	NRivera	AGooden				
DATE	08/23/2006	08/23/2006				
E-MAIL COPY?	NO	YES	YES NO	YES NO	YES NO	YES NO

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DOCUMENT NAME: E:\Filenet\ML062360393.wpd

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

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) 2006-005

3. DOCKET NUMBER(S)

70-1201

4. LICENSE NUMBER(S)

SNM-1168

5. DATE(S) OF INSPECTION

July 31 - August 3, 2006

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	Not Applicable		
NRC INSPECTOR	Nilda Rivera		

**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): **2006-005**

3. DOCKET NUMBER(S):

70-1201

4. LICENSE NUMBER(S):

SNM-1168

5. DATE(S) OF INSPECTION:

July 31 - August 3, 20066. INSPECTOR(S): **N. Rivera**7. INSPECTION PROCEDURES USED: **84850, 88005, 88010 and 88025****SUPPLEMENTAL INSPECTION INFORMATION****Executive Summary**

The Areva Lynchburg Facility fabricates UO_2 pellets into fuel assembly for use in nuclear power reactors. In addition, the licensee conducts activities related to work on 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 evaluation of waste generator requirements, management controls, operator training, and maintenance and surveillance. The inspection involved observations of work activities, reviews of selected procedures and records, and interviews with plant personnel. The inspection results were as outlined below:

Waste Generation Requirements (84850)

- The licensee's program for the management and shipment of low-level radioactive waste for disposal met the requirements of the regulations.

Management Organization and Controls (88005)

- Personnel changes did not adversely impact the responsibilities and functions specified in the license. The licensee's system to review and issue procedures adequately ensured that safety procedures were properly controlled and approved.
- The internal safety audits covered a wide range of safety concerns. The internal reviews and audits were adequate for detecting potential safety concerns. The Safety Review Board adequately reviewed facility information in order to address actual or potential safety issues and the addition of new processes.
- Procedures for the control of the integrated safety analysis were adequately implemented.

Executive Summary (continued)**Operator Training (88010)**

- The licensee provided adequate training in radiation protection, nuclear criticality safety, emergency preparedness, procedural compliance and in the general employee training (which complied with 10 CFR 19.12). On-the-job training demonstrated that the employees understood the subject matter and its implementation.

Maintenance and Surveillance

- The maintenance program was in conformance with the license. Maintenance work was conducted per procedures and with the appropriate authorizations.
- The criticality monitoring system was adequately calibrated and the documentation was properly maintained.
- Preventive maintenance and surveillance tests for the items relied on for safety were performed as required by the license requirements.

Temporary Instruction 2600/012: “Institutionalizing Concern Regarding Safety Issues Identified in selected Past Generic Communications”

- **Information Notice (IN)-02-24, “Potential Problems with Heat Collectors on Fire Protection Sprinklers”:** The conditions identified were not applicable to the licensee because the licensee do not have any cases in which they use heat collectors. This IN is considered closed.
- **IN-99-28-S1, “Recall of Star Brand Fire Protection Sprinkler Heads (Supplement 1)”:** The conditions identified were not applicable to the licensee because the licensee did not have any heads meeting the criteria referenced in the IN. This IN is considered closed.
- **IN-99-07, “Failed Fire Protection Deluge Valves and Potential Testing Deficiencies in Preaction Sprinkler Systems”:** The conditions identified were not applicable to the licensee because the licensee did not have this system. This IN is considered closed.

Temporary Instruction 2600/013: “Safety of Uranium Hexafluoride Cylinders at Fuel Cycle Facilities”

- This temporary instruction is not applicable to the licensee because they did not have uranium hexafluoride cylinders at this facility and therefore did not process uranium hexafluoride material.

Items Opened, Closed, And Discussed

<u>Item Number</u>	<u>Status</u>	<u>Description</u>
70-1201/2005-002-01	Closed	IFI - Review and verify that the configuration control management procedure provides guidance for disposing temporary operational change requests (OCRs) into permanent ones. Based on a review of procedure SL-1160, and a discussion with the licensee, the procedure was revised to include the guidance for the disposal of temporary OCRs.