



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

April 16, 2007

Mr. Charles Perkins
Site Manager
AREVA NP, Inc.
2101 Horn Rapids Road
Richland, WA 99352-0130

SUBJECT: NRC INSPECTION REPORT NO. 70-1257/2007-002

Dear Mr. Perkins:

This refers to the inspection conducted from March 19 - 23, 2007, at the Richland facility. The purpose of the 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 March 23, 2007, the inspector discussed the findings with you and members of your staff.

As a result of the inspection, the enclosed NRC Form 591FF, Safety Inspection Report, Parts 1 and 3, are being issued. The enclosed form indicates that no violations were identified during the inspection of your licensed activities. Please retain the original form 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 J. Hartland, Acting Chief
Fuel Facility Inspection Branch 1
Division of Fuel Facility Inspection

Docket No. 70-1257
License No. SNM-1227

Enclosure: NRC Form 591FF Parts 1 and 3

cc w/encl: (See page 2)

C. Perkins

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cc w/encl:

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Distribution w/encl: (See page 3)

C. Perkins

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Distribution w/encl:

- D. Hartland, RII
- A. Gooden, RII
- N. Baker, NMSS
- M. Adams, NMSS
- M. Galloway NMSS

PUBLICLY AVAILABLE
 NON-PUBLICLY AVAILABLE
 SENSITIVE
 NON-SENSITIVE

ADAMS: Yes ACCESSION NUMBER: _____

OFFICE	RII:DFFI	RII:DFFI	RII:DFFI				
SIGNATURE	<i>/RA/</i>	<i>/RA/</i>	<i>/RA/</i>				
NAME	R. Gibson	A. Gooden	D. Hartland				
DATE	04/10/2007	04/12/2007	04/16/2007	April 17, 2007	April 17, 2007	April 17, 2007	April 17, 2007
E-MAIL COPY?	YES	YES	YES NO	YES NO	YES NO	YES NO	YES NO

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: AREVA NP, INC. 2101 Horn Rapids Road Richland, WA 99352		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region II, Division of Fuel Facilities Inspection 61 Forsyth Street, Suite 23T85 Atlanta, GA 30303	
INSPECTION 70-1257/2007-002			
3. DOCKET NUMBER(S) : 70-1257	4. LICENSEE NUMBER(S): SNM - 1227	5. DATE(S) OF INSPECTION: 03/19-23/ 2007	

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

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			
NRC INSPECTOR	Richard Gibson, Jr.		04/09/2007

Enclosure

**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE

**AREVA NP, INC.
2101 Horn Rapids Road
Richland, WA 99352**

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): **70-1257/2007-002**

3. DOCKET NUMBER(S):

70-1257

4. LICENSE NUMBER(S):

SNM - 1227

5. DATE(S) OF INSPECTION:

March 19 - 23, 2007

6. INSPECTOR(S):

R. Gibson

7. INSPECTION PROCEDURES USED:

88050

SUPPLEMENTAL INSPECTION INFORMATION

Executive Summary

AREVA NP Richland facility fabricates low-enriched uranium fuel and blended low-enriched uranium fuel (BLEU) for use in commercial reactors. During the period of the inspection, the plant was shut down for preventative maintenance and preparation for an annual inventory.

This was a routine, announced inspection that included observations and evaluation of the emergency preparedness program. The inspection involved observations of work activities, reviews of selected records, and interviews with plant personnel and offsite support agencies. The inspection identified the following aspects of the licensee's program as outlined below:

Emergency Preparedness

- Changes were made to the Emergency Plan (EP) and Emergency Plan Implementing Procedures (EPIPs) in accordance with emergency planning standards and NRC regulatory guidance. The revised emergency procedures continued to effectively implement the Emergency Plan. The changes did not appear to decrease the effectiveness of the program. The annual independent audit was a detailed compliance-based assessment.
- Based on interviews and review of training documentation, the inspector determined that emergency response personnel were trained and familiar with their roles and responsibilities. The licensee conducted exercises in accordance with the requirements of the EP and EPIPs. The accident scenarios used during drills and exercises provided responders with sufficient challenges to maintain proficiency in responding to postulated accidents.
- Based on interviews and records reviewed, the inspector determined that the licensee's interface with offsite support groups was properly maintained. The licensee offered training and tours of the facility to the offsite groups in accordance with the EP and the applicable memorandums of understanding.

Executive Summary (continued)

- Based on review of equipment operability checks and documentation of maintenance and calibration, the inspector determined that the reliability of selected equipment was good and the equipment was maintained in a state of operational readiness.
- The inspector reviewed inspection follow-up item (IFI) 2006-01-01 to verify that the licensee revised the EP and EIPs to reflect prompt notification (normally within 15 minutes) to State and local emergency response officials following the declaration of an Alert or Site Area Emergency. The inspector determined that the EP and EIPs were revised to reflect prompt notification. This IFI is closed.
- The inspector reviewed IFI 2006-05-03 regarding the updating of the Pre-Fire Plan to include the following: 1) the designation of fire walls for various site facilities; 2) the sprinkler systems in the ammonia recovery facility and the incinerator room; and, 3) the BLEU facility in the plan. The inspector determined that the Pre-Fire Plan contained diagrams for each facility which annotated the fire walls, sprinkler systems, and the BLEU facility. This IFI is closed.

Items Opened, Closed and discussed

<u>Item number</u>	<u>Status</u>	<u>Description</u>
IFI 2006-01-01	Closed	Verify that the licensee revised the EP and procedures to reflect prompt notification.
IFI 2006-05-03	Closed	Licensee actions regarding the up-date of the Pre-Fire Plan.