UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

May 22, 2008

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

SUBJECT: NRC INSPECTION REPORT NO. 70-1257/2008-002

Dear Mr. Perkins:

This refers to the inspection conducted from April 14, 2008 – April 24, 2008, at the Areva - 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 April 24, 2008, 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/

Daniel W. Rich, Chief
Fuel Facility Inspection Branch 3
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)

cc w/encl:
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Distribution w/encl: (See page 3)

Distribution w/encl:
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R. Rodriguez, NMSS
A. Snyder, NMSS
D. Rich, RII

X PUBLICLY AVAILABLE ☐ NON-PUBLICLY AVAILABLE ☐ SENSITIV X NON-SENSITIVE

ADAMS: X Yes ACCESSION NUMBER:_____

OFFICE	RII:DFFI	RII:DFFI				
SIGNATURE	By email 5/22	MT 5/22/08				
NAME	BPrince	MThomas				
DATE	5/ /2008	5/ /2008	5/ /2008	5/ /2008	5/ /2008	5/ /2008
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\FFBII\REPORTS\DRAFT INSPECTION REPORT FOLDER\AREVA - RICHLAND\AREVA IR 2008-002 REV2.DOC

U.S. NUCLEAR REGULATORY COMMISSION

NRC FORM 591FF PART 1
(11-2005)
10 CFR 2.201

SAFETY AND COMPLIANCE INSPECTION REPORT

1. LICENSEE OR CERTIFICATEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE:
AREVA NP, Inc. 2101 Horn Rapids Road Richland, WA 99352-0130 REPORT NO: 2008002	**U.S. Nuclear Regulatory Commission** **Region II** **61 Forsyth Street, Suite 23T85** **Atlanta, GA 30303**

3. DOCKET NUMBER(S):	4. LICENSE OR CERTIFICATEE NUMBER:	5. DATE(S) OF INSPECTION:
70-1257	SNM-1227	4/14 – 4/24/2008

6. INSPECTION PROCEDURE(S) COMPLETED 86740, 88025, 88035

LICENSEE OR CERTIFICATEE:

The inspection was an examination of the activities conducted under your license or certificate as they related to safety and/or safeguards and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license or certificate. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observation 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. Reported events reviewed

☐ 4. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were non-repetitive, licensee-identified, and corrective action was being taken, and the remaining criteria in the NRC Enforcement Policy to exercise discretion were satisfied.

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

☐ 5. 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)

Statement of Corrective Actions

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/CERTIFICATEE			
NRC INSPECTOR	Robert Prince	M. Thomas for	5/22/08

Enclosure

NRC FORM 591FF PART 3
(11-2005)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

DOCKET FILE INFORMATION
SAFETY AND COMPLIANCE INSPECTION REPORT

1. LICENSEE OR CERTIFICATEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE:
AREVA NP, Inc. 2101 Horn Rapids Road Richland, WA 99352-0130 REPORT NO: 2008002	**U.S. Nuclear Regulatory Commission** **Region II** **61 Forsyth Street, Suite 23T85** **Atlanta, GA 30303**

3. DOCKET NUMBER(S):	4. LICENSE OR CERTIFICATEE NUMBER:	5. DATE(S) OF INSPECTION:
70-1257	SNM-1227	April 14, 2008 – April 24, 2008

6. INSPECTOR(S): R. Prince

7. INSPECTION PROCEDURES USED: 86740, 88025, 88035

SUPPLEMENTAL INSPECTION INFORMATION

EXECUTIVE SUMMARY

Summary of Plant Status

The AREVA Richland facility fabricates low-enriched uranium fuel and blended low-enriched uranium fuel (BLEU) for use in commercial reactors. During this inspection period, the plant was in a maintenance outage.

This routine, announced inspection included observations and evaluations in the areas of radioactive waste management, transportation, and maintenance and surveillance. The inspection involved observation of work activities, a review of selected records, and interviews with plant personnel.

Radioactive Waste Management

- The inspector observed that the entrances of the major radioactive waste storage and handling areas were properly posted, and that containers were labeled in accordance with approved procedures and regulatory requirements. The inspector noted that the physical condition of storage containers was acceptable. Through discussions with waste management personnel the inspector determined that personnel were knowledgeable of the requirements associated with the storage and control of radioactive waste material and routine inspection requirements for storage locations.

- The inspector reviewed records associated with the generation and tracking of radioactive waste materials. The inspector determined that radioactive waste and radioactive material inventory and tracking records were current and cognizant personnel knowledgeable of program requirements for tracking radioactive waste material. The inspector determined that the documentation accurately reflected the location, amounts, and description of radioactive materials. The inspector observed that containers with fissile-controlled quantities of material were properly identified and stored in accordance with nuclear criticality safety control measures.

- Through a review of procedures, the inspector determined that the responsibilities and roles of waste management personnel and organizations with radioactive waste management program responsibilities were adequately described.

Executive Summary (Cont'd)

Transportation

- Through a review of procedures, the inspector determined that the responsibilities and roles of Transportation and Logistics personnel and organizations responsible for the transportation of radioactive and hazardous materials were adequately described.

- The inspector observed activities associated with the receipt of a UF_6 cylinder shipment and preparation and shipment of empty overpacks. The inspector determined that personnel responsible for these activities were knowledgeable of the licensee's procedural requirements and Department of Transportation (DOT) regulations relating to the preparation, packaging, and labeling of radioactive material shipments. The inspector observed that receipt inspections and pre-shipment inspections were thorough and conducted in accordance with approved procedures meeting regulatory requirements. The inspector noted that licensee personnel identified that two ball lockpins were disengaged from one overpack during the performance of their receipt inspection and licensee personnel entered the issue in their corrective action program. No safety concerns were identified with this issue.

- The inspector reviewed selected radioactive waste shipment manifests for completeness and accuracy. Manifests correctly reflected the classification, quantity, and labeling requirements for the respective shipment. Through discussions with personnel responsible for certifying that shipments were prepared in accordance with DOT regulatory requirements, the inspector determined that these personnel were knowledgeable of their duties and associated regulatory requirements.

- The inspector reviewed the training and qualification records for individuals responsible for key aspects of the radioactive material transportation program. The inspector determined that the training records were current and adequately covered DOT training requirements in addition to training and qualification requirements specified in applicable licensee procedures.

Maintenance and Surveillance

- The inspector observed that maintenance and surveillance activities were completed in accordance with approved work documents. The inspector determined that workers were knowledgeable of the requirements contained in work packages and these individuals demonstrated the ability to retrieve and review work-related procedures and documents via an electronic data base system. The inspector observed computer workstations were available in the vicinity of work locations and that individuals demonstrated the ability to display and interpret appropriate parameters associated with specific maintenance activities. The inspector noted that acceptance criteria, when appropriate, were provided in work packages.

Executive Summary (Cont.)

- The inspector noted that necessary acceptance criteria were provided with the Instrument Repetitive Maintenance (IRM) data sheets included in work packages. The inspector observed instrument repetitive maintenance activities were performed in a safe manner and that measuring and test equipment (M&TE) was within calibration. The inspector noted that individuals verified readings on M&TE and maintenance equipment were as expected and within prescribed ranges.

- The inspector reviewed completed work package documents for accuracy and completeness. No safety issues or concerns were identified.

- The inspector observed responsible engineers working closely with craft personnel in the field and providing support and assistance in a timely manner. This effort was particularly noted with regard to the project that repositioned several hydrogen fluoride sensors to improve sensor response time and to lengthen the operational life of the sensors.

- The inspector reviewed training and qualification records for selected individuals. The inspector verified that individuals were trained and qualified in accordance with licensee programs and procedures. The inspector confirmed that training and qualification requirements were current.

List of Items Opened, Closed, Discussed

Item Number	Status	Type	Description
70-1257/2008-001-01	Closed	VIO	Failure to have written procedures and to perform five-year hydrostatic testing of self-contained breathing apparatus cylinders. Based on interviews, verification of test dates on cylinders available for use, and review of documentation, all corrective actions to address this violation were complete.