

### INSPECTION REPORT

1. LICENSEE OR CERTIFICATE HOLDER/LOCATION INSPECTED:

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

REPORT NO: 2010-002

2. NRC/REGIONAL OFFICE:

U.S. Nuclear Regulatory Commission  
Region II  
245 Peachtree Center Ave. N.E., Suite 1200  
Atlanta, GA 30303-1257

3. DOCKET NUMBER:

70-1201

4. LICENSE OR CERTIFICATE NUMBER:

SNM-1168

5. DATE(S) OF INSPECTION:

June 21-24, 2010

#### LICENSEE OR CERTIFICATE HOLDER:

The inspection was an examination of the activities conducted under your license as they relate to 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 inspectors. 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 self-identified, non-repetitive, and corrective action was or is 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)

#### LICENSEE OR CERTIFICATE HOLDER STATEMENT OF CORRECTIVE ACTIONS FOR ITEM 5, ABOVE

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violation(s) 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 the NRC will be required, unless specifically requested.

Title	Printed Name	Signature	Date
LICENSEE/CERTIFICATE HOLDER REPRESENTATIVE			
NRC INSPECTOR	Richard Gibson	/RA/	7/7/10

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6. INSPECTOR(S): R. Gibson

7. INSPECTION PROCEDURES USED: 88035 and 86740

### EXECUTIVE SUMMARY

#### Summary of Plant Status

The AREVA Lynchburg facility fabricates fuel assemblies used in commercial nuclear power reactors. During the inspection period, the plant was in normal operation. This routine, announced inspection included evaluation of the radioactive waste management and transportation programs. The inspection involved observations of work activities, review of selected records, and interviews with plant personnel. The inspection identified the following aspects of the licensee programs as outlined below:

#### Radioactive Waste Management (88035)

- The inspector reviewed the licensee's procedures for radioactive waste control, radioactive waste scanning and solid waste packaging. The inspector discussed the procedures with the waste scanners and their managers and walk down the scanning process and the radioactive waste storage facilities. The inspector also reviewed the procedure for calibrating the Stabilized Assay Meter (SAM II) and the procedure for the contaminated waste standards and determined that the procedures were in accordance with the technical manual for calibrating the scanner. No findings of significance were identified.
- The inspector reviewed training records for waste scanners and discussed the training with the scanners and their managers and determined that they were licensee-certified in processing and scanning radioactive waste and was knowledgeable of the requirements associated with the storage and control of radioactive waste material. No findings of significance were identified.
- Through discussions with waste management and review of waste processing and shipment records, the inspector determined that the licensee's last shipment of solid radioactive waste (uranium product center waste) to a waste broker was on September 17, 2009. The inspector determined that the licensee was meeting the requirements of the regulations and the waste broker's license to accept radioactive waste was current.

#### Transportation (86740)

- The inspector reviewed the licensee's procedures for the shipment of fuel assemblies and scraps pellets, and determined that the procedures were adequate. Through discussions with transport management, the inspector determined that the responsibilities and roles of the personnel responsible for the transportation of special nuclear material were adequately described in applicable procedures and personnel were knowledgeable of the requirements for transportation of licensed material. Quality

## EXECUTIVE SUMMARY (Continued)

assurance audits of the transportation program were conducted in accordance with the license requirements.

- To support production, the inspector observed activities associated with the shipment of empty MAP-12 containers to AREVA-Richland, WA facility. Also, the inspector observed the preparation for shipment of depleted uranium rods in SP-1 containers. The inspector reviewed records of shipment and certificates of compliance (CoC) and determined that the CoC was current for both containers and the containers met the design requirements and packaging criteria. The licensee kept records of shipment on file for three years. The inspector determined that the personnel responsible for the receipt and shipment of the material were knowledgeable of the procedural requirements and Department of Transportation (DOT) regulations. The licensee ensured the material was properly packaged and labeled prior to shipment. No findings of significance were identified.
- The inspector reviewed selected radioactive material shipment manifests [Bills of Lading] and determined that they correctly reflected the classification, quantity, and labeling requirements for the shipment. Through discussions with transportation personnel and a review of records, the inspector determined that the inspection of packages to be shipped was in accordance with procedural requirements.
- The inspector reviewed the training and qualification records for the personnel responsible for the radioactive material transportation program. The inspector determined that their training was current and adequately covered DOT and procedural requirements.

### Exit Meeting Summary

The inspection scope and results were summarized on Thursday, June 24, 2010, with Dominique Grandemange, and members of his staff. The inspector asked the licensee staff whether any materials examined during the inspection should be considered proprietary. No proprietary information was identified.

### Key Points of Contact

<u>Name</u>	<u>Title</u>
D. Grandemange	Mt. Athos Rd. Site Manager, Operations
R. Sharkey	Manager, Environmental, Health, Safety & Licensing
D. Lee	Radiation Protection
G. Lindsey	Radiation Protection