

INSPECTION REPORT

1. LICENSEE OR CERTIFICATE HOLDER/LOCATION INSPECTED: AREVA NP, Inc. P. O. Box 11646 Lynchburg, VA 24506-1646		2. NRC/REGIONAL OFFICE: U.S. Nuclear Regulatory Commission Region II 61 Forsyth Street, Suite 23T85 Atlanta, GA 30303-8931	
REPORT NO: 2009-002			
3. DOCKET NUMBER: 70-1201	4. LICENSE OR CERTIFICATE NUMBER: SNM-1168	5. DATE(S) OF INSPECTION: August 3, 2009 – August 6, 2009	

LICENSEE OR CERTIFICATE HOLDER:

The inspection was an examination of the activities conducted under your license or certificate as they relate 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 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. 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/	8/26/09

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6. INSPECTOR(S): Richard 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, normal production activities were ongoing. 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

- The inspector reviewed the licensee's procedures for radioactive waste processing, radioactive waste shipment, and solid waste packaging. The inspector discussed the procedures with licensee-certified waste scanners and management, and observed the scanning process of radioactive waste before storage and transfer to a waste broker. The inspector reviewed the procedure and the technical manual for calibrating the Stabilized Assay Meter (SAM 2) used for scanning solid radioactive waste, and determined that the procedure was in accordance with the technical manual for calibrating using source standards. No findings of significance were identified.
- The inspector walked down the solid waste storage area (Sea Land Containers) and the waste scanning area and noted that the areas were properly posted and free of debris and trash. The radioactive waste containers and the waste bags were properly labeled in accordance with procedures and the regulations, and were in acceptable physical condition. Through discussions with waste scanners and management, and review of training records, the inspector determined that the waste scanners were licensee-certified in processing and scanning radioactive waste and were 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 to a waste broker was on April 4, 2008. The inspector determined that the licensee was meeting the requirements of the regulations and the waste broker's license to accept waste was current.

EXECUTIVE SUMMARY (Continued)

Transportation

- The inspector reviewed the licensee's procedures for the shipment of fuel assemblies and scrap 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 hazardous material were adequately described in applicable procedures and personnel were knowledgeable of the requirements for transportation of licensed material. Quality assurance audits of the transportation program were conducted in accordance with the license requirements.
- The inspector observed activities associated with the receipt of uranium dioxide pellets from the AREVA-Richland, WA facility for the uranium product loading center. The inspector also observed the preparation and loading of fresh fuel for shipment to a nuclear power plant. 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 and receipt. 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. The certificates of compliance for shipping packages were current, including all the necessary design information and packaging criteria. 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, August 6, 2009, with Ms. M. Moore and members of your 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>
Dominique Grandemange	Site Manager
Eric Miller	Manager, Environment Health & Safety
Marie Moore	Manager, Uranium Product Center
Tommy Blanks	Supervisor, Transportation, Security and Environment
Drennon Lee	Health Physics Technician
Tyler Lovelace	Criticality Engineer

List of Items Opened, Closed, Discussed

None