

INSPECTION REPORT

1. LICENSEE OR CERTIFICATE HOLDER/LOCATION INSPECTED: AREVA NP, Inc. 2101 Horn Rapids Road Richland, WA 99352-0130		2. NRC/REGIONAL OFFICE: U.S. Nuclear Regulatory Commission Region II 61 Forsyth Street, Suite 23T85 Atlanta, GA 30303-8931	
REPORT NO: 2008-004			
3. DOCKET NUMBER: 70-1257	4. LICENSE OR CERTIFICATE NUMBER: SNM-1227	5. DATE(S) OF INSPECTION: August 25, 2008 – August 28, 2008	

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	John Pelchat and Paul Startz	/RA/	9/25/08

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6. INSPECTOR(S): John Pelchat and Paul Startz			
7. INSPECTION PROCEDURES USED: 88030 and 88045			

EXECUTIVE SUMMARY

Summary of Plant Status

The AREVA NP Richland facility converts uranium hexafluoride into uranium dioxide for the fabrication of low-enriched fuel assemblies used in commercial nuclear power reactors. During the inspection period, normal production activities were ongoing. This routine announced inspection included observations and evaluations in the areas of radiation protection, effluent control, and environmental protection. The inspection involved observations of work activities, reviews of selected records, and interviews with plant personnel. The inspection identified the following aspects of the licensee programs as outlined below:

Radiation Protection (Inspection Procedure 88030)

- Inspectors reviewed selected records and procedures that govern the performance of the licensee's radiation protection program. Inspectors concluded that records and procedures that were reviewed were in compliance with regulatory requirements.
- Inspectors reviewed selected records of the licensee's self-assessment and ALARA (as low as reasonably achievable) programs. Inspectors concluded that the records and procedures that were reviewed adequately supported implementation of the self-assessment and ALARA programs. Additional documentation indicated that the licensee had implemented enhanced administrative and engineered controls to improve ALARA goals in targeted areas.
- Inspectors reviewed selected functional testing and calibration records of equipment used for detecting the presence of radiation and contamination. The records indicated that the associated equipment had been properly maintained in accordance with licensee procedures and was capable of performing the intended safety function in a reliable manner.
- The external exposure monitoring program was implemented in a manner to maintain doses ALARA. The exposures were less than the occupational limits in 10 CFR 20.1201.
- Inspectors reviewed selected records of internal dose to plant workers. The records indicated that internal exposures were significantly less than the 10 CFR 20.1201 limits for occupational exposure.
- Respiratory protection equipment issuance and training assured that the equipment was obtained by certified users only. The licensee maintained records which adequately demonstrated the implementation of the respiratory protection program.

EXECUTIVE SUMMARY (Continued)

- Radiological safety postings, radiation work permits, and radiation job procedures were effectively implemented to communicate potential hazards and protective equipment requirements to workers.
- The radiation and contamination survey programs were appropriately implemented to protect workers and properly identify potential work areas which posed an internal or external radiation hazard to workers.

Effluent Control and Environment Monitoring (Inspection Procedure 88045)

- The inspectors verified that no significant environmental program or procedure changes had occurred since the last environmental inspection.
- Performance of the licensee's environmental audit program was consistent with the requirements specified in the license application. The review of internal environmental audits indicated that program audits were thorough and corrective actions were resolved in a timely manner.
- The licensee's quality control program for ensuring the accuracy of analytical instrumentation was effective and in compliance with licensee's laboratory procedures.
- Environmental sampling and monitoring stations were appropriately located and adequately maintained.
- The inspectors reviewed current calibrations, functional tests, and consistency of uranium analysis data. Liquid and airborne effluent monitoring instrumentation and support equipment was maintained and calibrated in accordance with licensee procedures.
- Records and reports generated by the environmental and effluent monitoring programs were in compliance with requirements of 10 CFR 70.59 and 10 CFR 20 Subpart L.
- An inspector reviewed the previous 12 months of liquid effluent sample data and determined that the concentration of licensed material within the sanitary effluent was less than limits listed in 10 CFR 20, Appendix B.
- An inspector reviewed the previous 12 months of airborne effluent sample data and determined that the licensee has correctly prepared and submitted results to the NRC in accordance to 10 CFR 70.59 and 10 CFR 20 Subpart L.

Exit Meeting Summary

- The inspection scope and results were summarized on August 28 with Chuck Perkins, and members of his staff. The inspectors asked the certificate holder staff whether any materials examined during the inspection should be considered proprietary. No proprietary information was identified.

EXECUTIVE SUMMARY (Continued)

Key Points of Contact

<u>Name</u>	<u>Title</u>
Chuck Perkins	Areva NP Site Manager
Lance Stevens	Areva NP Manager of Operations
Rich Burklin	Areva NP Health Physicist
Vonna Sakach	Areva NP Health Physicist
Tim Tate	Areva NP Manager of SS&EP
Doug Durham	Areva NP Radiological Safety Supervisor

Items Opened/Closed/Discussed:

None