NRC FORM 591FF PART 1
(12-2007)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

INSPECTION REPORT

1. LICENSEE OR CERTIFICATE HOLDER/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE:
USEC Inc. 6903 Rockledge Drive Bethesda, MD 20817 REPORT NO: 2010-004	U.S. Nuclear Regulatory Commission Region II 245 Peachtree Center Avenue, NE, Suite 1200 Atlanta, GA 30303-1257

3. DOCKET NUMBER:	4. LICENSE OR CERTIFICATE NUMBER:	5. DATE(S) OF INSPECTION:
70-7003	SNM-7003	September 13-17, 2010

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	P. Startz	/RA/	10/15/2010

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6. INSPECTOR(S): P. Startz

7. INSPECTION PROCEDURES USED: 88030, 86740

EXECUTIVE SUMMARY

Summary of Plant Status

- Lead cascade operations were minimal and no incidents were reported.

- This was a routine and announced inspection that included review of the radiation protection program and the transportation program. The inspection involved interviews with plant personnel, review of selected records, and observation of work activities. The inspection evaluated the following licensed program areas.

Radiation Protection (88030)

- The inspector interviewed licensee representatives, reviewed radiation protection procedures, and reviewed personnel exposure data to determine if personnel exposures were in compliance with 10 CFR 20.1201 limits. The inspector noted that personnel exposures for 2009 were significantly below 10 CFR 20.1201 regulatory limits for occupational exposure for the Lead Cascade facilities. The inspector verified that the licensee's dosimeter provider was certified by the National Voluntary Laboratory Accreditation Program. No significant issues were identified.

- Based on interviews, procedural reviews, and observation of plant personnel working within a controlled area during repair activities on a machine, the inspector determined that licensee's monitoring program for internal and external exposure was consistent with regulatory requirements. The program was adequate for the type of operations and work activities performed.

- Instrumentation calibration laboratory personnel demonstrated procedures utilized for performing daily source response and operational checks of radiation monitoring equipment, and functional alarm verification of contamination monitors utilized at exit locations of controlled zones. The inspector reviewed calibration sources for appropriate configuration and confirmed suitability of sources for their intended function. Calibration laboratory personnel were knowledgeable of the operational check requirements and activities were performed in accordance with approved procedures. The inspector reviewed the associated calibration and operational check procedures for accuracy and content. No significant issues were identified.

- The inspector discussed procedures associated with the issuance of respirators and controls established to ensure that only properly trained and qualified individuals were issued respirators. The inspector noted that measures were established to adequately control the issuance of respiratory protection equipment to only those individuals authorized to use respirators.

- The inspector reviewed selected survey records for accuracy and completeness and observed radiological postings within the controlled area and in locations where radioactive material was stored or utilized. No significant issues were identified.

Transportation (IP 86740)

- Radioactive waste was transferred to the Portsmouth Gaseous Plant for characterization, classification, and shipment in accordance with license requirements.

Exit Meeting Summary

- The inspection scope and results were summarized on August 17, 2010, with members of the licensee staff. No proprietary information was identified.

Key Points of Contact

Name	Title
M. Keef	General Manager
J. Oppy	Manager of Operations Enrichment
T. Sensue	Regulatory Manager
J. Thompson	Radiological Protection Manager
G. Workman	Plant Services Manager