

### INSPECTION REPORT

1. LICENSEE OR CERTIFICATE HOLDER/LOCATION INSPECTED: USEC Inc. 6903 Rockledge Drive Bethesda, MD 20817		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: 70-7003	4. LICENSE OR CERTIFICATE NUMBER: SNM-7003	5. DATE(S) OF INSPECTION: March 30, 2009 – April 2, 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	A. Gooden	/RA/	4/16/09

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6903 Rockledge Drive  
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REPORT NO:

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6. INSPECTOR(S): A. Gooden

7. INSPECTION PROCEDURES USED: 88050

### EXECUTIVE SUMMARY

#### Summary of Plant Status

The United States Enrichment Corporation (USEC) Inc., Lead Cascade is a gas centrifuge test and demonstration facility that is located in existing buildings on the site of the Portsmouth Gaseous Diffusion Plant (GDP) in Piketon, Ohio. The Portsmouth GDP is operated by USEC, who leases the property from the Department of Energy. The area within Portsmouth that houses the Lead Cascade is subleased from USEC to USEC Inc. During the period of the inspection, centrifuge demonstration operations were in progress.

This routine, announced inspection was to determine the operational readiness status of the emergency preparedness program. The inspection involved interviews and discussions with personnel from the Lead Cascade and Gaseous Diffusion Plant, a review of selected records, and observation of work activities. The inspection results indicated that the emergency preparedness program was maintained in a state of readiness for responding to events and protecting resources both onsite and offsite in the event of an emergency. The following aspects of the emergency preparedness program were noted:

- Program changes involving the Emergency Plan (EP) and procedures did not reduce the effectiveness of the program.
- The revised EP implementing procedures adequately implemented the EP.
- Based on interviews and review of training documentation, training for emergency operations cadre personnel selected for review was adequate and was completed in accordance with the applicable training procedure and the EP.
- Based on interviews and records reviewed, the interface with the offsite support groups was properly maintained.
- The licensee conducted exercises in accordance with the requirements of the EP. The performance of periodic drills using realistic scenarios provided sufficient challenges to maintain the appropriate performance level of the response organization.
- The inspector determined from observation of equipment operability checks and a review of equipment maintenance and calibration documentation that the reliability of selected equipment was good and the equipment was maintained in a state of operational readiness.

## EXECUTIVE SUMMARY (Continued)

- The independent audit of the program was properly implemented, and areas identified during the audit for improvement were appropriately communicated to management.

### Exit Meeting Summary

- The inspection scope and results were summarized on Thursday, April 2, 2009, with members of the licensee staff. Although proprietary information may have been examined during the inspection, no proprietary information is included in this report.

### Key Points of Contact

<u>Name</u>	<u>Title</u>
J. Anzelmo	Technical Services Director (GDP)
S. Appleton	Site Medical Doctor
L. Bokman	Hazardous Material Planner, Ohio Emergency Management Agency
B. Bout	Plant Training Manager
J. Boyce	Fire Services & Emergency Management Manager (GDP)
T. Brooks	Infrastructure Operations Director (GDP)
S. Fout	Technical Services Manager (ACP)
R. Henderson	Pike County Sheriff
S. May	Shift Operations Manager (GDP)
D. Mays	NMC&A Manager (ACP)
J. McCleery	Plant Shift Superintendent (GDP)
M. Redden	Fire Services & Emergency Management Manager (ACP)
R. Rodino	Health Physicist (GDP)
L. Sendek	Regulatory Affairs Engineer (GDP)
G. Workman	Plant Services Manager (ACP)

### List of Items Opened, Closed, Discussed

<u>Item Number</u>	<u>Status</u>	<u>Description</u>
None		