

INSPECTION REPORT

1. LICENSEE OR CERTIFICATE HOLDER/LOCATION INSPECTED: United States Enrichment Corporation 6903 Rockledge Road 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: 2009-003			
3. DOCKET NUMBER: 70-7002	4. LICENSE OR CERTIFICATE NUMBER: GDP-2	5. DATE(S) OF INSPECTION: August 10, 2009 – August 13, 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	Chad Cramer	/RA/	8/31/09

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6. INSPECTOR: Chad Cramer			
7. INSPECTION PROCEDURES USED: 88025, 88010			

EXECUTIVE SUMMARY

Summary of Plant Status

- The certificate holder performed routine operations throughout the inspection period. The Portsmouth Gaseous Diffusion Plant had previously discontinued uranium hexafluoride (UF₆) enrichment and is presently processing UF₆ to remove impurities (e.g., technetium-99) and conducting other cleanup processes as part of cold shutdown efforts.

Maintenance / Surveillance (88025)

- The inspector observed operations personnel that were performing a chemical treatment on a cascade cell in X-326. The inspector watched the operators introduce conditioning agent to remove residual uranium that remained in the cell. The supervisor performed an adequate pre-job briefing to ensure the operators were aware of the procedural requirements and hazards involved in the process. The operators appeared to be knowledgeable of the process and followed the associated procedures. No significant issues were identified.
- The inspector reviewed documentation of work completed for select calibrations and surveillances. The documentation indicated that the activities were successfully completed in accordance with regulatory requirements. The inspector also reviewed an audit of maintenance and surveillance activities performed by the certificate holder. No significant issues were identified.
- The inspector reviewed issues related to maintenance and surveillance that had been entered into the certificate holder's corrective action program. The issues reviewed were resolved in a timely manner, and the appropriate certificate holder staff members were responsible for ensuring that adequate corrective actions were in place. No significant issues were identified.
- The inspector reviewed the corrective actions that had been implemented in response to VIO 2008-004-01, which involved the movement of a cylinder of liquid uranium hexafluoride by a means other than an approved overhead crane or scale cart. The inspector did not have any issues with the corrective actions that had been completed. This violation is now considered closed.

Operator Training/Retraining (88010)

- The certificate holder adequately performed initial and refresher training related to nuclear criticality safety, radiation protection, plant emergency response, and operational safety as required by the certificate.

EXECUTIVE SUMMARY (Continued)

- The inspector reviewed the certificate holder's training program through interviews, document review, and visual inspection of operations to ensure that the operators were aware of safety controls. No issues were identified.
- Formal training was developed and updated in accordance with the certificate holder's procedures by qualified instructors.
- The certificate holder identified operators whose training had expired, and work restrictions were placed on the employees until the training had been successfully completed.
- Training material and examinations were current and adequate in evaluating the performance and understanding of the operators.
- A functional system was in place to update training requirements and methods based on lessons learned from previous facility events/issues.
- The inspector observed the certificate holder perform a quarterly emergency response drill. The certificate holder performed adequately, and no significant issues were identified.

Exit Meeting Summary

- The inspection scope and results were summarized on Thursday, August 13, 2009, with Doug Fogel and other members of the certificate holder's staff. The inspector asked the certificate holder 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. Fogel	Nuclear Regulatory Affairs Manager
L. Sendek	Nuclear Regulatory Affairs Engineer
B. Bouts	Plant Training Manager
J. Tully	X-326 Operations Manager

List of Items Opened, Closed, Discussed

<u>Item Number</u>	<u>Status</u>	<u>Description</u>
VIO 2008-004-01	Closed	Movement of cylinder containing liquid UF ₆ by a means other than an approved overhead crane or scale cart as required by TSR 2.1.3.14