



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

March 17, 2009

Paul E. Sullivan
Vice President Operations
United States Enrichment Corporation
Two Democracy Center
6903 Rockledge Drive
Bethesda, MD 2081

SUBJECT: NRC INSPECTION REPORT NO. 70-7002/2009-001

Dear Mr. Sullivan:

This refers to the inspection conducted from February 23 - 26, 2009, at the Portsmouth facility. The purpose of the inspection was to determine whether activities authorized by the certificate were conducted safely and in accordance with NRC requirements. On February 26, 2009, the inspector discussed the findings with members of your staff.

As a result of the inspection, the enclosed NRC Form 591FF, Safety Inspection Report, Parts 1 and 3, are being issued. The enclosed form indicates that no violations were identified during the inspection of your certified activities. Please retain the original form for your files.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Should you have any questions concerning this letter, please contact us.

Sincerely,

/RA/ J. Pelchat for

Jay L. Henson, Chief
Fuel Facility Inspection Branch 2
Division of Fuel Facility Inspection

Docket No. 70-7002
Certificate No. GDP-2

Enclosure: NRC Form 591FF Parts 1 and 3

cc w/encl: (See page 2)

P. Sullivan

2

cc w/encl:
W. Jordan
General Manager
Portsmouth Gaseous Diffusion Plant
United States Enrichment Corporation
P. O. Box 628
Piketon, OH 45661

D. Fogel
Manager
Portsmouth Regulatory Affairs
United States Enrichment Corporation
P. O. Box 628
Piketon, OH 45661

S. A. Toelle
Director
Nuclear Regulatory Affairs
United States Enrichment Corporation
Two Democracy Center
6903 Rockledge Drive
Bethesda, MD 20817

R. M. DeVault
Manager
Regulatory Oversight
Department of Energy
P. O. Box 2001
Oak Ridge, TN 37831

Carol O'Claire
State Liaison Officer
Ohio Emergency Management Agency
Columbus, OH 43235-2206

Distribution w/encl: (See page 3)

Distribution w/encl:

- T. Hiltz, NMSS
- D. Hartland, RII
- J. Henson, RII
- M. Raddatz, NMSS

PUBLICLY AVAILABLE
 NON-PUBLICLY AVAILABLE
 SENSITIVE
 NON-SENSITIVE

ADAMS: X Yes ACCESSION NUMBER: _____

| | | | | | | | |
|--------------|------------|----------|----------|----------|----------|----------|----------|
| OFFICE | RII:DFFI | | | | | | |
| SIGNATURE | Dh 3/17/09 | | | | | | |
| NAME | DHartland | | | | | | |
| DATE | 3/ /2009 | 3/ /2009 | 3/ /2009 | 3/ /2009 | 3/ /2009 | 3/ /2009 | 3/ /2009 |
| E-MAIL COPY? | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO |

SAFETY AND COMPLIANCE INSPECTION REPORT

| | | | |
|--|---|---|--|
| 1. LICENSEE OR CERTIFICATEE/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 | |
| REPORT NO: 2009-001 | | | |
| 3. DOCKET NUMBER(S): 70-7002 | 4. LICENSE OR CERTIFICATEE NUMBER: GDP-2 | 5. DATE(S) OF INSPECTION: February 23-26, 2009 | |

6. INSPECTION PROCEDURE(S) COMPLETED 88020

LICENSEE OR CERTIFICATEE:

The inspection was an examination of the activities conducted under your license or certificate as they related 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 observation 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 non-repetitive, licensee-identified, and corrective action was 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)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations 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 NRC will be required, unless specifically requested.

| Title | Printed Name | Signature | Date |
|-----------------------|----------------|-----------|---------|
| LICENSEE/CERTIFICATEE | | | |
| NRC INSPECTOR | David Hartland | /RA | 3/17/09 |

**DOCKET FILE INFORMATION
SAFETY AND COMPLIANCE INSPECTION REPORT**

| | | | |
|---|---|---|--|
| 1. LICENSEE OR CERTIFICATEE/LOCATION INSPECTED: United States Enrichment Corporation 6903 Rockledge Road Bethesda, MD 20817 REPORT NO: 2009-001 | | 2. NRC/REGIONAL OFFICE: U.S. Nuclear Regulatory Commission Region II 61 Forsyth Street, Suite 23T85 Atlanta, GA 30303 | |
| 3. DOCKET NUMBER(S): 70-7002 | 4. LICENSE OR CERTIFICATEE NUMBER: GDP-2 | 5. DATE(S) OF INSPECTION: February 23-26, 2009 | |

6. INSPECTOR(S): David Hartland

7. INSPECTION PROCEDURES USED: 88020

SUPPLEMENTAL INSPECTION INFORMATION

EXECUTIVE SUMMARY

Summary of Plant Status

The Portsmouth Gaseous Diffusion Plant had previously discontinued uranium hexafluoride (UF₆) enrichment and is presently conducting cleanup processes as part of cold shutdown efforts. During the period of the inspection, routine cleanup operations were conducted without incident.

This was a routine, announced inspection that included observations and evaluations of the operational safety program. The inspection involved interviews with plant personnel, review of selected records, and observation of work activities. The inspection identified the following aspects of licensee's program as outlined below:

Plant Operations

- The inspectors reviewed several of the applicable safety-related controls from the technical safety requirements for the active portions of the process and autoclave facilities. The inspectors noted no deficiencies in their implementation.
- Certificatee personnel demonstrated adequate knowledge of process operations, safety controls, and applicable operations procedures for their areas.
- The inspectors observed surveillance activities related to a technical safety requirement in Building X-344 and verified that they were adequately conducted.

Exit Meeting Summary

- The inspection scope and results were summarized on Thursday, February 26, 2009, with members of the certificatee staff. No proprietary information was identified.

Executive Summary (Cont.)

Key Points of Contact

Name

T. Brooks
J. Anzelmo
D. Fogel
B. Lawton
E. Wagner

Title

Infrastructure Operations Director
Technical Services Director
Nuclear Regulatory Affairs Manager
Nuclear Safety & Quality Manager
Nuclear Safety Manager

List of Items Opened, Closed, Discussed

Item Number

Status

Description

None.