



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

December 11, 2008

Mr. Robert Van Namen
Senior Vice President - Uranium Enrichment
United States Enrichment Corporation
Two Democracy Center
6903 Rockledge Drive
Bethesda, MD 20817

SUBJECT: LICENSEE PERFORMANCE REVIEW (LPR) OF CERTIFIED ACTIVITIES FOR
THE PADUCAH GASEOUS DIFFUSION PLANT, DOCKET NO. 70-7001

Dear Mr. Van Namen:

The NRC Region II and Headquarters staffs completed a review of your performance in conducting NRC certified activities at the Paducah Gaseous Diffusion Plant. The review evaluated your performance during the period beginning October 4, 2006, and ending October 3, 2008. Paducah's performance was evaluated in five major areas: Safety Operations, Safeguards, Radiological Controls, Facility Support, and Special Topics. This letter and its enclosure provide to you the results of our review, and will be used as a basis for establishing the NRC oversight program for your conduct of certified activities during the next 24 months.

No areas needing improvement were identified in the areas evaluated. Paducah continued to conduct its activities safely as determined during the review period. Based on your performance during this period, the NRC has determined that the core inspection program for Gaseous Diffusion Plants will be implemented for the upcoming performance period, and no additional inspection effort will be required in any of the major areas inspected.

The results of our review will be discussed with you during a meeting open to the public on January 12, 2009. During the meeting, we expect you to discuss your view of your performance in the same major areas as the NRC evaluated.

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

Questions and comments about NRC's review of Paducah's performance should be referred to Mr. Jay Henson, who can be reached by telephone at 404-562-4731.

Sincerely,
/RA/ M. Layton for
Joseph W. Shea, Director
Division of Fuel Facility Inspection

Docket No. 70-7001
Certificate No. GDP-1

Enclosure: Licensee Performance Review

cc w/encl:
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ADAMS: X Yes ACCESSION NUMBER: _____

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OFFICE	RII:DFFI	RII:DFFI					
SIGNATURE	JP 12/10/08	JH 12/10/08					
NAME	JPelchat	JHenson					
DATE	12/ /2008	12/ /2008	12/ /2008	12/ /2008	12/ /2008	12/ /2008	12/ /2008
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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LPR LETTER 2008.DOC

DOCUMENT NAME: G:\FFBII\ASSESS\LICENSEE\USEC PADUCAH\2008\FINAL PADUCAH GDP

**LICENSEE PERFORMANCE REVIEW FOR PADUCAH GDP
ASSESSMENT PERIOD: OCTOBER 4, 2006 TO OCTOBER 3, 2008**

The following is a summary of the performance of the Paducah Gaseous Diffusion Plant in the conduct of NRC-certificated activities.

PERFORMANCE AREA: SAFETY OPERATIONS

This area is comprised of plant operations and fire protection.

Program Areas Needing Improvement

- No specific areas needing improvement were identified in Safety Operations.

Recommended NRC inspection Effort in Safety Operations

- Maintain the core inspection effort.

PERFORMANCE AREA: SAFEGUARDS

This area is comprised of material control and accountability, physical protection and information security.

Program Areas Needing Improvement

- No specific areas needing improvement were identified in Safeguards.

Recommended NRC inspection Effort in Safeguards

- Maintain the core inspection effort

PERFORMANCE AREA: RADIOLOGICAL CONTROLS

This area is comprised of radiation protection, environmental protection, waste management, and transportation.

Program Areas Needing Improvement

- No specific areas needing improvement were identified in Radiological Controls.

Recommended NRC inspection Effort in Radiological Controls

- Maintain the core inspection effort

Enclosure

PERFORMANCE AREA: FACILITY SUPPORT

This area is comprised of maintenance and surveillance, training, emergency preparedness, management organization and controls, and permanent plant modifications.

Program Areas Needing Improvement

- No specific areas needing improvement were identified in Facility Support.

Recommended NRC inspection Effort in Facility Support

- Maintain the core inspection effort

PERFORMANCE AREA: SPECIAL TOPICS

This area is comprised of safety licensing.

Program Areas Needing Improvement

No specific areas needing improvement were identified in Special Topics – Licensing.