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

February 10, 2010

Steve Penrod, General Manager
Paducah Gaseous Diffusion Plant
United States Enrichment Corporation
Mail Stop 1005A
P.O. Box 1410
Paducah, KY 42002

SUBJECT: CALENDAR YEAR 2010 INSPECTION SCHEDULE

Dear Mr. Penrod:

The enclosed inspection plan details the inspections scheduled through June 30, 2010. The inspection plan is provided to minimize the resource impact on your staff and to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite.

Please note that inspections related to criticality safety and physical protection are not included in this schedule. In addition, routine resident inspections are not listed due to their ongoing and continuous nature.

If circumstances arise which cause us to change the dates of the planned inspections, we will contact you to discuss the change as early as possible. Please contact me at (404) 562-4729 with any questions you may have regarding this letter or the inspection plan.

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 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).

Sincerely,

John M. Pelchat, Senior Fuel Facility Inspector
Fuel Facility Inspection Branch 2
Division of Fuel Facility Inspection

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

Enclosure: (See page 2)

Enclosure: Paducah Gaseous Diffusion Plant
Inspection/Activity Plan

cc w/encl:
Vernon Shanks
Regulatory Affairs Manager
Paducah Gaseous Diffusion Plant
United States Enrichment Corporation
Mail Stop 1020
P.O. Box 1410
Paducah, KY 42002

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Inspection / Activity Plan
01/01/2010 - 06/30/2010

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity		Title	No. of Staff on Site
			RI COV	**- RI COVERAGE**		**1**
1	01/25/2010	01/29/2010	IP 88100		Plant Operations	
			PPM	**- PPM**		**1**
1	02/01/2010	02/05/2010	IP 88070		Permanent Plant Modifications	
			MCA	**- MCA**		**3**
1	04/12/2010	04/16/2010	IP 85401		Management Structure	
			OPS/FPA	**- OPS/FPA**		**2**
1	05/24/2010	05/28/2010	IP 88020		Operational Safety	
1	05/24/2010	05/28/2010	IP 88055		Fire Protection (Annual)	

This report does not include MEETINGS and SHUTDOWN activities.
This report shows only on-site and announced inspection procedures.