



**Licensee Performance Review
for
USEC Paducah Gaseous
Diffusion Plant**

January 12, 2009

This is a category 1 meeting in which the public is invited to observe and will have one or more opportunities to communicate with the NRC staff after the business portion, but before the meeting is adjourned.

Agenda

7:00 p.m.	Opening Remarks	NRC Staff
7:10 p.m.	Discussion of LPR <ul style="list-style-type: none">▪ Safety Operations▪ Safeguards▪ Radiological Controls▪ Facility Support▪ Licensing	NRC Staff
7:30 p.m.	Response to NRC Review	USEC – Paducah
8:00 p.m.	Closing Remarks/Questions and Answers	NRC Staff



NRC Staff Present Tonight

Jay Henson, Chief, Fuel Facilities Inspection
Branch 2 (FFIB2), Region II (R-II)

Michael Miller, Senior Resident Inspector

John Pelchat, Project Inspector, FFIB2, R-II

NRC Key Message

USEC – Paducah continues to maintain safety and security for its workers and the public.

LPR Process

Goal of the Licensee Performance Review (LPR)

Perform a comprehensive review of a fuel cycle facility in the following Performance areas:

- Safety Operations
- Safeguards
- Radiological Controls
- Facility Support
- Special Topics

LPR Process

Results of the LPR

- Provide a high level assessment of a fuel facility's performance
- Provide input for future inspection planning

LPR Process

How the NRC conducts the LPR

- Performance information obtained from inspection and licensing staff
- Information from each Performance Area is assessed by all participants

LPR Process

How the NRC conducts the LPR (continued)

- Performance review
 - Performance information presented/defended with supporting data
 - Agreement reached on overall performance assessed
 - Changes in the inspection program considered in response to performance trends
- Results communicated to licensee through a report and a public meeting

Previous Performance

September 26, 2004 to October 4, 2006

Areas Needing Improvement:

Facility Support – Effectiveness of corrective actions to address long-standing issues regarding human performance

Current Performance

October 4, 2006 to October 3, 2008

Performance Areas:

- Safety Operations
- Safeguards
- Radiological Controls
- Facility Support
- Licensing

No areas needing improvement were identified.

LPR Trends

Area	2005	2006	2008
Safety Operations	<ul style="list-style-type: none"> ▪ Nuclear criticality analysis & documentation ▪ Adherence to & quality of operating procedures ▪ Operator attentiveness 	<ul style="list-style-type: none"> ▪ None 	<ul style="list-style-type: none"> ▪ None
Safeguards	<ul style="list-style-type: none"> ▪ None 	<ul style="list-style-type: none"> ▪ Human Performance 	<ul style="list-style-type: none"> ▪ None
Radiological Controls	<ul style="list-style-type: none"> ▪ None 	<ul style="list-style-type: none"> ▪ None 	<ul style="list-style-type: none"> ▪ None

LPR Trends

Area	2005	2006	2008
Facility Support	<ul style="list-style-type: none"> ▪ None 	<ul style="list-style-type: none"> ▪ Effectiveness of corrective actions to address human performance (adherence to procedures for maintenance & operations) 	<ul style="list-style-type: none"> ▪ None
Special Topics (licensing, etc.)	<ul style="list-style-type: none"> ▪ None 	<ul style="list-style-type: none"> ▪ None 	<ul style="list-style-type: none"> ▪ None ▪ Recertification Completed

Inspection Program Changes

Annual inspections instead of triennial inspections of Classified Material and Information Security.

Closing Remarks