



LICENSEE PERFORMANCE REVIEW USEC PERSPECTIVE

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Paducah Gaseous Diffusion Plant**

May 24, 2011

LICENSEE PERFORMANCE REVIEW (LPR) HISTORY

NRC Review Periods Functions Needing Improvement		
9/26/04 to 10/04/06	10/05/06 to 10/4/08	10/05/08 to 12/31/10
Correcting human performance related to procedure adherence	No areas for improvement	No areas for improvement

RESULTS OF PERFORMANCE IMPROVEMENT INITIATIVES

- Regulatory performance continues to improve, event reports are down, overall violations have trended down
- Significant events caused by human performance are decreasing over the past four LPR periods
- Industrial Safety injury rates sustained well below industry average

SAFETY CONSCIOUS WORK ENVIRONMENT (SCWE)

- Three NRC Confirmatory Orders were issued in 2009 for incidents that occurred during the period 2003 - 2009.
- Independent SCWE Assessment Completed in January 2010
 - Conclusion - Overall SCWE program is healthy but needs improvements to compete with best in industry
- Recommendations
 - Train/Retrain personnel
 - Benchmark other programs
 - Improve visibility of Employee Concern Program
 - Improve rigor and formality of root cause evaluations
- Initiatives incorporated into 2010 - 2011 Business Plans

SUMMARY

REGULATORY PERFORMANCE

- Overall plant performance continues to improve
- Human Performance continues to receive management's daily attention
- Management must remain sensitive to the potential for complacency

SAFETY CONSCIOUS WORK ENVIRONMENT

- Independent assessment concluded the SCWE program is healthy
- Actions implemented to bring PGDP programs up to Best Industry Practice

FUKUSHIMA DISASTER ASSESSMENT

- Assessment team established to assess natural phenomena events (seismic), loss of offsite power, flooding, and fire
- Assessment included:
 - Walkdown/Inspections of over 50 response procedures,
 - Verification of personnel training,
 - Verification of equipment availability and functionality
 - Evaluation of enhancements to mitigate consequences of above events and improve response to simultaneous multiple events.
- Recommendations for Further Evaluation:
 - Procure additional portable fire protection equipment
 - Initiate a plant modification to enhance portable fire pump suction piping
 - Initiate improvements/enhancements to off-normal and emergency procedures
 - Seismic storage locations for the emergency response equipment