NRC Performance Review of Licensed Activities

Lead Cascade Demonstration Facility

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Public Meeting

Introduction

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USEC Perspective on Performance

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Overview of Safety Performance

- U.S. Nuclear Regulatory Commission (NRC) review period – July 6, 2008 through July 10, 2010
- The performance areas evaluated during the review period consisted of:
  - Safety Operations
  - Safeguards
  - Radiological Controls
  - Facility Support
  - Special Topics – Licensing
- Nine (9) NRC Inspection Reports issued
- The NRC identified no areas needing improvement
- USEC continues a strong focus on safety and compliant operations

Accomplishments/Milestones

Lead Cascade Test Program

- Centrifuges have been operating in USEC's Lead Cascade test program since August 2007
- In March 2010, USEC began operation of its AC100 Lead Cascade in Piketon
- USEC has operated centrifuges as part of our Lead Cascade test program for more than 480,000 machine hours

Accomplishments/Milestones

Lead Cascade Safety Record

- USEC Inc. American Centrifuge employees experienced only one recordable injury/illness during the performance period
- In November 2009, USEC Inc. ACP employees achieved 1,000,000 hours worked without experiencing a days-away injury
- On August 31, 2010, employees surpassed 1,000 days without a days-away injury

Accomplishments/Milestones

Lead Cascade Licensing Effort

- July 2008 — License extension request submitted to NRC
- October 2008 — NRC granted license extension to Aug 23, 2011
- Spring 2011 — Lead Cascade License Renewal to be submitted to NRC

Summary

- Continued focus on safe, compliant operation
- Develop the workforce for the future as Piketon transitions from Lead Cascade Operations to Commercial Plant Operations