NATIONAL ENRICHMENT FACILITY

# Louisiana Energy Services
# NRC Management Meeting

Rockville, MD

December 20, 2005

Attachment 3

# Action Items

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- LES readiness to discuss import security (i.e., Transportation Security Plan for centrifuge components)
  - Discussions with NRC have been initiated and are continuing
  - Submittal of Transportation Security Plan planned for August 2006

# Status/Schedule Adherence

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- Technical
  - Safety Evaluation Report (SER) issued in accordance with NRC schedule on June 15, 2005
  - Hearing held in October on technical contentions
  - Additional focused hearing scheduled for January to address cylinder wash/disposal costs and cost of capital for a deconversion plant
  - Mandatory hearing set for March
    - LES supporting NRC preparations

# Status/Schedule Adherence
(continued)

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- Environmental
  - Final Environmental Impact Statement issued in accordance with NRC schedule on June 15, 2005
  - NRC Commissioners declined to review all but one issue related to the Board's decision on environmental contentions raised by intervenor
    - Remanded issue addressed during October hearing and in filings
    - NRC staff directed to assess basis for 10 CFR 61, "Licensing Requirements for Land Disposal of Radioactive Waste" apart from LES licensing proceedings

# Issues Being Addressed

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- Follow-up NRC audit of LES and Nuclear Technology Solutions (NTS) Quality Assurance Programs implementation conducted November 29 through December 1
  - No adverse findings

# Open Items

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- Response to second NRC request for additional information concerning the Department of Energy's depleted uranium disposition costs
- Submittal of revised Criticality Code Validation and Verification Report

# Facility Design

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- NTS design work progressing on schedule
  - LES ensuring that requirements/commitments are properly translated into design or that changes are properly identified and evaluated
- Expect to maintain construction readiness schedule
  - Financial arrangements on track
  - Construction to begin August 2006 if license is issued in June 2006

# Key Milestones

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| | |
|---|---|
| • Submit completed International Atomic Energy Agency (IAEA) forms 180 days prior to construction start | February 2006 |
| • Submit Transportation Security Plan | August 2006 |
| • First Cascade Hall, ISO Container Pad, Security Building, and associated security measures ready for NRC inspection to support issuance of facility clearance | June 2007 |
| • NRC issues facility clearance for first Cascade Hall and ISO Container Pad and approves Transportation Security Plan | August 2007 |
| • Submit final Financial Assurance instrument | September 2007 |
| • Submit IAEA forms 180 days prior to receipt of $UF_6$ | September 2007 |

# Key Milestones
**(continued)**

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| | |
|---|---|
| • Centrifuge Assembly Building (CAB) and associated security measures ready for NRC inspection to support issuance of facility clearance | November 2007 |
| • NRC issues revised facility clearance to include CAB | January 2008 |
| • CAB and associated support equipment and programs ready for NRC operational readiness review | January 2008 |
| • Submit executed Financial Assurance instrument | March 2008 |
| • Ready for receipt of ~50kg $UF_6$ for Centrifuge Test Facility in CAB | March 2008 |

# Key Milestones
(continued)

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|---|---|
| • First Cascade Hall, Cylinder Receipt and Dispatch Building, and associated support equipment and programs ready for NRC operational readiness review to support $UF_6$ flow test | April-June 2008 |
| • Ready for receipt of $UF_6$ (three 48Y cylinders) for $UF_6$ flow test | June 2008 |
| • First cascade, remaining site support structures, and all associated support equipment and programs ready for NRC operational readiness review to support operation of first cascade | June-August 2008 |
| • Ready for receipt of $UF_6$ to support commercial operation | September 2008 |
| • Start-up first cascade | October 2008 |

# Feedback

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- Good cooperation
- Good communication
- Focus areas
  - Focused hearing in January
  - Prepare for/participate in mandatory hearing in March
  - Support inspection plan/schedule