

AMERICAN CENTRIFUGE PLANT SUCCESSIONS AND CHALLENGES

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American Centrifuge Program

- Deploy a new, cost-effective advanced enrichment facility using U.S. technology
- Help revitalize the domestic nuclear industrial base
- Strengthen energy and national security
- Increase environmental quality

Conservative Approach

- Approach to licensing built on success of Lead Cascade
- Conformance to NUREG-1520 and other standard review plans
- Unique issues clearly identified
 - Expansion potential included in environmental evaluation
- Rigorous internal pre-submittal review process led to high quality submittal

Timely Licensing

- USEC's regulatory experience proved invaluable
- Timely identification and resolution of issues was essential
- On-site reviews and telephone conference calls were effective
- Commission direction and oversight helped ensure the mandatory hearing was efficient
- License for construction and operation issued essentially on schedule

Construction Progress

- Approached construction in gradual and deliberate fashion
- Numerous internal assessment and audit activities
- Construction commenced about one month after receiving license
- Industry lessons learned have been factored into planning
- Operational Readiness Review planning underway