

Q3 2009 Status Update Eagle Rock Enrichment Facility

AREVA Enrichment Services and NRC
Quarterly Management Meeting

October 2, 2009 Rockville, Maryland





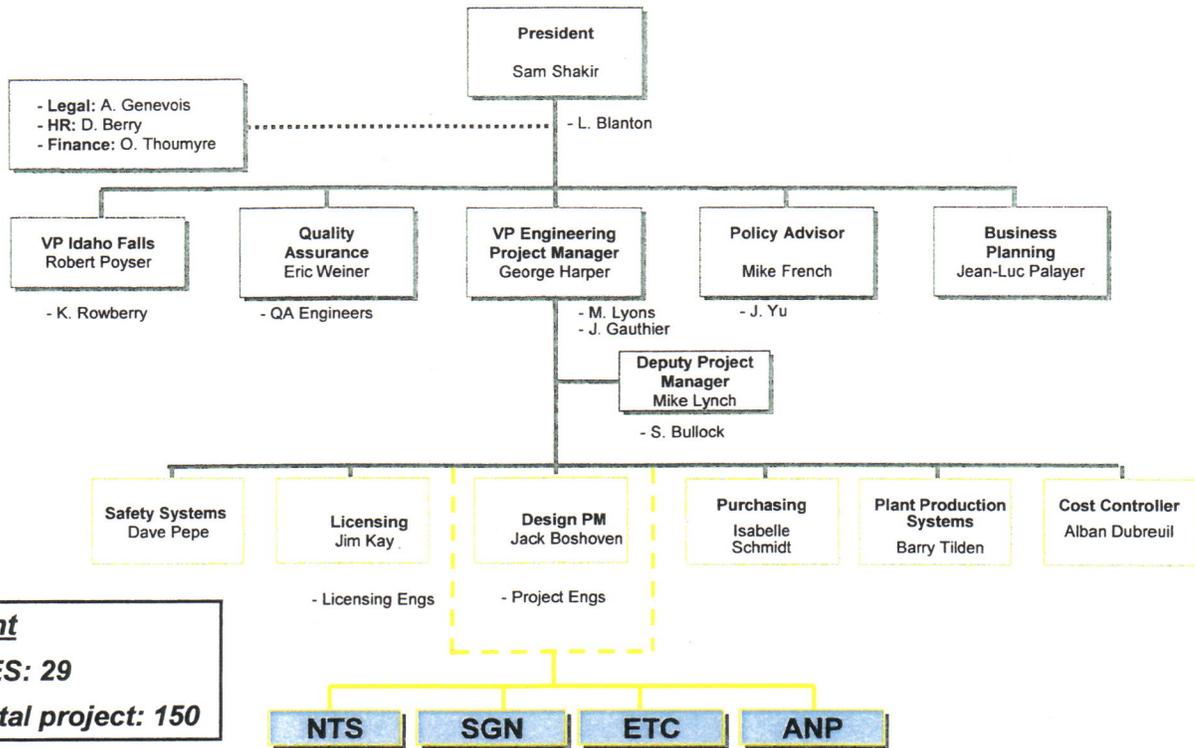
▶ Project status

- ◆ AES organization
- ◆ Detailed design engineering
- ◆ Off-take contracts with US utilities
- ◆ Timeline to first cascade operation

▶ Licensing Activities:

- ◆ Review of AES RAI responses
- ◆ AES exemption request for early site work
- ◆ Revision 2 of License Application
- ◆ Timing for approval of the AES QA program
- ◆ AES meetings with federal & state agencies

AES Organization



Headcount
 » AES: 29
 » Total project: 150

» Fully mobilized team executing detailed design engineering and construction planning



Detailed Design Engineering



- ▶ **Started late in 2008**
- ▶ **Objective - control project schedule and costs by starting construction with a fully designed facility**
 - ◆ **Assembled experienced design team**
 - ◆ **Have majority of detailed design complete prior to start of construction in early 2011**
 - ◆ **Secure construction contracts based on a frozen design that is compliant with the license**

Off-take Contracts with US Utilities



- ▶ **U.S. Utilities are counting on the output of EREF starting in early 2014**
- ▶ **Off-take contracts in-place with utilities representing 50% of U.S. nuclear fleet**
- ▶ **Majority of EREF's output is committed under unprecedented long-term contracts**
 - ◆ **Clear demonstration of the need for EREF supply**

First Cascade Operation



- ▶ **Submitted Facility License Application – Dec. 2008**
- ▶ **Revised License Application to 6.6 MSWU – April 2009**
- ▶ **Requested License Approval – February 2011**
- ▶ **Initiate Facility Construction – February 2011**
- ▶ **Start First Cascade – February 2014**

Licensing Progress



- ▶ **Completed and submitted responses to Requests for Additional Information on time**
 - ◆ 17 RAIs on Environmental Report
 - ◆ 196 RAIs on Balance of License Application
- ▶ **Response to early site work exemption request RAIs and pre-construction impact assessment due to NRC in mid-October 2009 – AES on track for submittal**
- ▶ **Need to finalize plans on when to submit Rev. 2 of License Application documents – incorporates RAI responses**
- ▶ **Preparing request for early approval of QAPD – submittal planned for near future**

» High quality application compliant with requirements facilitated review and resulted in minimal RAIs

Recent Meetings with Idaho Agencies



- ▶ **Full engagement with Idaho agencies to ensure timely permitting for construction of the facility**
 - ◆ Idaho Department of Environmental Quality
 - ◆ Idaho Department of Public Health
 - ◆ Idaho Transportation Department
 - ◆ Bureau of Land Management
 - ◆ State Historic Preservation Office

Discussions focused on state permitting, on-site basins, sanitary treatment plans, highway access and cultural resources

Conclusions



- ▶ **Project is committed to timely response to NRC needs**
- ▶ **Facility detailed design is well underway**
- ▶ **Project is planned and being executed to ensure first cascade on line by early 2014**
- ▶ **Off-take contract obligations starting in 2014**
- ▶ **AES is counting on NRC to complete review and issue license in early 2011**

» The timely start-up of Eagle Rock is critical to the supply of enriched uranium to meet demands of the existing U.S. fleet of operating reactors