Q2 2010 Status Update
Eagle Rock Enrichment Facility

AREVA Enrichment Services and NRC Quarterly Management Meeting

May 12, 2010 NRC Rockville Office

AREVA

Attachment 3

Presentation Agenda

- The AES Organization
- Licensing Progress
- Schedule Highlights
- NRC Staff Visits the GB2 Facility
- Wrap Up

Organization

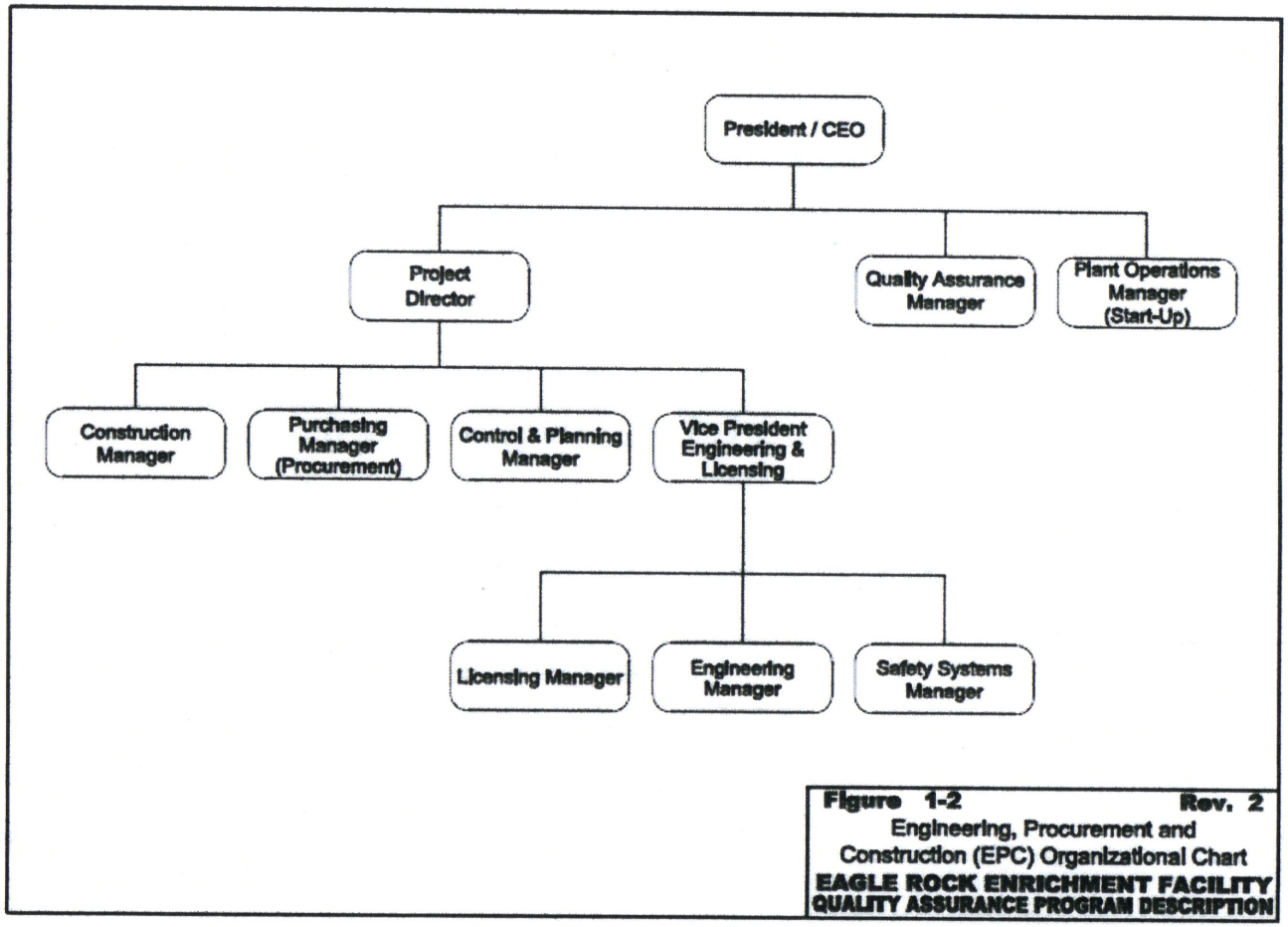

Figure 1-2 **Rev. 2**
Engineering, Procurement and Construction (EPC) Organizational Chart
EAGLE ROCK ENRICHMENT FACILITY
QUALITY ASSURANCE PROGRAM DESCRIPTION

Evolving to meet the demands of the upcoming phases of the Project

AREVA

Licensing Progress

- **Resolved RAIs related to:**
  - QA definitions for Part 21 exemption
  - ISA follow-up questions on criticality concerns
  - Design rainfall probability questions
- **Remaining open items identified and being addressed**
- **Issued Rev. 2 of LA submitted to update all documents to incorporate 17 ER and 196 SAR related formal RAI responses and other AES commitments**
- **ASLB formed and issued a Scheduling Order on April 12**
  - No contested hearing for Eagle Rock. Only a mandatory hearing will be conducted
  - AES and Staff held a pre-hearing conference with ASLB on May 4
  - Expect Board to issue a hearing schedule in the coming weeks

AES is committed to timely responses to Staff and ASLB requests

Schedule Highlights

- Licensing
  - Draft EIS – July 2010
  - SER – August 2010
  - Final EIS – February 2011
  - License issuance – target mid 2011
- AES QA Program
  - Approved by NRC on April 9, 2010
- Facility Design
  - Detail design activities have been underway since beginning of 2009
  - Majority of BoP and Core Process detail design will be completed by first half of 2011
- Preconstruction under the LWA planned in Q1 2011
  - LWA was approved by the NRC on March 17, 2010
- Construction to start immediately upon license issuance – expected in mid 2011
  - AES issued a Request for Proposals for the Procurement and Construction Management of Eagle Rock
  - Bids are due in June 2010
  - Award expected by this Fall

Project is on track for first cascade operation by 2014

NRC Staff Visits GB2

- GB2 is the reference plant for Eagle Rock
- The visit provided staff with the opportunity to see how the future EREF will be configured
- GB2 provides a significant platform for transfer of knowledge and experience to Eagle Rock in all phases of design, construction, commissioning and operation

On April 1, 2010, NRC staff visited GB2, the new AREVA gas centrifuge enrichment plant currently under construction and commissioning in France

AREVA will fully leverage its experience on GB2 to build and operate Eagle Rock

Wrap Up

- All project activities are progressing on track with the plan
  - Continue schedule vigilance and close monitoring to ensure the project meets its critical milestones
- Eagle Rock is a subsequent application to the NEF reference application which took 30 months to license (including contested proceedings)
  - NRC and applicants expect efficiencies gained on a subsequent application
- AES requests the NRC staff and ASLB to look for efficiencies to, at a minimum, maintain BUT possibly accelerate the remaining licensing activities while fully meeting its regulatory obligations
- The US nuclear fleet is counting on successful deployment of Eagle Rock and for operation to start in 2014
  - A significant portion of the plant output is already contracted to US utilities