



10 CFR 70.5

January 19, 2010

AES-O-NRC-10-00249-0

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

AREVA Enrichment Services LLC  
Eagle Rock Enrichment Facility  
NRC Docket No: 70-7015

Subject: License Application Change - EREF Transmission Lines

On April 23, 2009, AREVA Enrichment Services LLC (AES) submitted a revised License Application to the U.S. Nuclear Regulatory Commission (NRC) to construct and operate the Eagle Rock Enrichment Facility (EREF) in Bonneville County, Idaho (Ref. 1). On December 4, 2009, AES submitted Appendix H to the EREF ER, 161-kV Transmission Line Project Environmental Report, and the related Cultural Resource Inventory for the EREF 161-kV Transmission Line Project (Ref. 2).

The ER describes the proposed electrical transmission lines for installation at the EREF. As proposed, two redundant lines are described – one from the west and one from the east. Although two redundant electrical power sources provide higher reliability in electric power supply and a lower outage rate at the EREF, which is desirable for economic reasons, it is only necessary to provide one electrical power source to the EREF for safe startup and safe operation of the facility. Based on discussions at a December 16, 2009 meeting with the Bureau of Land Management (BLM) and for reasons discussed in recent dialogues with the NRC, the redundant west transmission line will be removed from the license application. The economics of the second transmission line from the west are not viable at this stage given the additional costs and uncertainty it introduces into the licensing process. A revision showing markups to the License Application will be prepared based on further discussions with the NRC to present only the transmission line feeder from the east and is expected to be submitted by January 29, 2010. The proposed east transmission line will not need to cross any federal land.

All changes will be incorporated into Rev. 2 of the License Application. If you have any questions, or require additional information, please contact me at 508-573-6554.

Respectfully,

  
James A. Kay  
Licensing Manager

**AREVA ENRICHMENT SERVICES LLC**

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References:

- 1) S. Shakir (AES) Letter to the U.S. Nuclear Regulatory Commission, Revision 1 to License Application for the Eagle Rock Enrichment Facility, dated April 23, 2009.
- 2) J. Kay (AES) Letter to the U.S. Nuclear Regulatory Commission, AREVA Enrichment Services LLC Environmental Report for the Eagle Rock Enrichment Facility; Supplemental Information – New Appendix H, EREF 161-KV Transmission Line Project

Enclosures:

None

Commitment:

All changes will be incorporated into Rev. 2 of the License Application.

cc: Breeda Reilly, U.S. NRC Senior Project Manager  
Steve Lemont, U.S. NRC Senior Environmental Project Manager

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