

June 27, 2011

Mr. Jim A. Kay, Licensing Manager
AREVA Enrichment Services LLC
Solomon Pond Park
400 Donald Lynch Boulevard
Marlborough, MA 01752

SUBJECT: AREVA ENRICHMENT SERVICES, REVISION 5 OF THE QUALITY ASSURANCE
PROGRAM DESCRIPTION FOR THE EAGLE ROCK ENRICHMENT FACILITY
(TAC L32757)

Dear Mr. Kay:

We have completed the technical review of the AREVA Enrichment Services LLC's, (AES) Quality Assurance Program Description (QAPD), Revision 5, for the Eagle Rock Enrichment Facility (EREF), submitted by letter, dated May 16, 2011.

AES submitted QAPD, Revision 4, to the NRC by letter, dated September 10, 2010. The staff reviewed Revision 4 of the QAPD and requested additional information by letter, dated February 2, 2011. AES submitted its response to the Request for Additional Information (RAI) by letter, dated March 1, 2011. Subsequently, the NRC staff and AES held a conference call on April 4 to clarify these responses. As a follow-up to the conference call, AES submitted supplemental information by e-mail, dated April 13, 2011. AES incorporated its responses to the RAI and the supplemental information into Revision 5 of the QAPD, submitted by letter, dated May 16, 2011. QAPD, Revision 5, incorporates changes to support the approval of the exemption request from the requirements of 10 CFR 21.3 and changes for the new Quality Assurance Level Fire Protection for fire protection items relied on for safety. The enclosed Safety Evaluation Report (SER) discusses the staff's review of Revision 5 of the QAPD. The NRC staff concludes that the changes to AES's QAPD, as documented in Revision 5, are acceptable.

TAC No. L32757 is closed upon issuance of this letter.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and the enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of the Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Should you have any questions regarding this letter or the enclosed SER, please contact me at (301) 492-3110 or via e-mail to Breda.Reilly@nrc.gov.

Sincerely,

/RA/

M. Breda Reilly, Senior Project Manager
Conversion, Deconversion and
Enrichment Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-7015

Enclosure:
Staff Evaluation Report

cc: Mr. George Harper
Vice-President of Engineering
AREVA Enrichment Services
400 Donald Lynch Boulevard
Marlborough, MA 01752

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Should you have any questions regarding this letter or the enclosed SER, please contact me at (301) 492-3110 or via e-mail to Breeda.Reilly@nrc.gov.

Sincerely,

/RA/

M. Breeda Reilly, Senior Project Manager
 Conversion, Deconversion and
 Enrichment Branch
 Division of Fuel Cycle Safety
 and Safeguards
 Office of Nuclear Material Safety
 and Safeguards

Docket No. 70-7015

Enclosure:
 Staff Evaluation Report

cc: Mr. George Harper
 Vice-President of Engineering
 AREVA Enrichment Services
 400 Donald Lynch Boulevard
 Marlborough, MA 01752

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