

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)	Docket No. 70-7015-ML
)	
AREVA ENRICHMENT SERVICES, LLC)	ASLBP No. 10-899-02-ML-BD01
)	
(Eagle Rock Enrichment Facility))	May 9, 2011

NRC STAFF RESPONSE TO THE LICENSING BOARD'S
SECOND SET OF QUESTIONS REGARDING ENVIRONMENTAL MATTERS

Pursuant to the Licensing Board's Memorandum and Order (Second Set of Board Questions Regarding Environmental-Related Matters) of April 22, 2011,¹ the NRC staff hereby responds to the questions posed in that Order. The Licensing Board's questions generally pertain to subjects discussed in the staff's Final Environmental Impact Statement for the Proposed Eagle Rock Enrichment Facility in Bonneville County, Idaho (FEIS).

The Licensing Board noted that all of the questions could be answered by the staff and/or AES, although at least one party must respond to each question. The staff and AES conferred regarding which party is best positioned to respond to the Licensing Board's questions. Based on those discussions, the staff is providing responses to the following questions: 18 and 19. AES is providing a response to the following questions: 13, 14, 15, 16, and 17.

In conjunction with the filing of this document, the staff's responses to the Licensing Board's second set of questions, with the author and key references identified, are being submitted as Exhibit NRC000170. The affidavits of the reviewers identified as authors of the staff responses are provided as exhibits NRC000171 and NRC000172. Finally, references relied upon by the staff in answering the Board's questions that were not previously filed in the

¹ Memorandum and Order (Second Set of Board Questions Regarding Environmental-Related Matters) (April 22, 2011).

safety portion of the proceeding or in response to the Board's initial questions on environmental matters, are being filed as exhibits NRC000173 to NRC000175.

Respectfully submitted,

Executed in Accord with 10 CFR 2.304(d)

Christine Jochim Boote
Counsel for the NRC Staff
U.S. Nuclear Regulatory Commission
Mail Stop: O15-D21
Washington, DC 20555-0001
(301) 415-2756
Christine.Boote@nrc.gov

Dated at Rockville, Maryland
this 9th day of May, 2011.

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY & LICENSING BOARD

In the Matter of)	Docket No. 70-7015-ML
)	
AREVA ENRICHMENT SERVICES, LLC)	ASLBP No. 10-899-02-ML-BD01
)	
(Eagle Rock Enrichment Facility))	May 9, 2011

CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing "NRC STAFF RESPONSE TO THE LICENSING BOARD'S SECOND SET OF QUESTIONS REGARDING ENVIRONMENTAL MATTERS" in the above-captioned proceeding have been served via the Electronic Information Exchange ("EIE") this 9th day of May, 2011, which to the best of my knowledge resulted in transmittal of copies to those on the EIE Service List for the above-captioned proceeding.

Executed in Accord with 10 CFR 2.304(d)

Christine Jochim Boote
Counsel for the NRC Staff
U.S. Nuclear Regulatory Commission
Mail Stop: O15-D21
Washington, DC 20555-0001
(301) 415-2756
Christine.Boote@nrc.gov