

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 27, 2011

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

Pursuant to the Licensing Board's Memorandum and Order (Third Set of Board Questions Regarding Environmental-Related Matters) of May 12, 2011,<sup>1</sup> 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 questions 20, 21, 22 and 24. AES is providing a response to question 23.

In conjunction with the filing of this document, the staff's responses to the Licensing Board's third set of questions, with the authors and key references identified, are being submitted as Exhibit NRC000176. The affidavits of the reviewers identified as authors of the staff responses are provided as Exhibits NRC000177 to NRC000181. Finally, references relied upon by the staff in answering the Board's questions that were not previously filed in the safety portion of the proceeding or in response to the Board's initial and second set of questions on

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<sup>1</sup> Memorandum and Order (Third Set of Board Questions Regarding Environmental-Related Matters) (May 12, 2011).

environmental matters, are being filed as Exhibits NRC000182 and NRC000183.

Respectfully submitted,

**Signed (electronically) by**

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Dated at Rockville, Maryland  
this 27<sup>th</sup> day of May, 2011.

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CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing "NRC STAFF RESPONSE TO THE LICENSING BOARD'S THIRD SET OF QUESTIONS REGARDING ENVIRONMENTAL MATTERS" in the above-captioned proceeding have been served via the Electronic Information Exchange ("EIE") this 27<sup>th</sup> 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.

**Signed (electronically) by**

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