

UNITED STATES OF AMERICA  
 NUCLEAR REGULATORY COMMISSION  
 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)	)	November 16, 2010

AFFIDAVIT OF GREG C. CHAPMAN CONCERNING  
 THE NRC STAFF RESPONSE TO THE LICENSING BOARD'S  
QUESTIONS REGARDING SAFETY MATTERS

I, Greg C. Chapman, do hereby state as follows:

1. I am employed as a Health Physicist in the Division of Fuel Cycle Safety and Safeguards in the U.S. Nuclear Regulatory Commission's ("NRC") Office of Nuclear Material Safety and Safeguards. A statement of my professional qualifications is attached.
2. As part of the NRC staff's safety review of the Areva Enrichment Services, LLC ("AES") Eagle Rock Enrichment Facility license application, documented in the "Safety Evaluation Report for the Eagle Rock Enrichment Facility in Bonneville County, Idaho (NUREG-1951)," September 2010, I reviewed the aspects of the application that concerned Radiation Protection, Environmental Protection, and Accident Consequence Analysis.
3. I am responsible for those responses to the License Board questions (or portions of questions) in Attachment A to the "NRC Staff Response to the Licensing Board's Questions Regarding Safety Matters" for which I am listed as the author.

4. I attest to the accuracy of those statements, support them on my own, and endorse their introduction into the record of this proceeding. I declare under penalty of perjury that those statements, and my statements in this affidavit, are true and correct to the best of my knowledge, information, and belief.

**[Executed in Accord with  
10 C.F.R. § 2.304(d)]**

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Greg C. Chapman