

July 6, 2009

MEMORANDUM TO: Thomas G. Hiltz, Chief
Advanced Fuel Cycle, Enrichment,
and Uranium Conversion Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Andrea L. Kock, Chief
Environmental Review Branch
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

FROM: M. Breeda Reilly **/RA/**
Senior Project Manager
Advanced Fuel Cycle, Enrichment,
and Uranium Conversion Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

SUBJECT: JUNE 19, 2009, TELEPHONE CALL SUMMARIES: AREVA
ENRICHMENT SERVICES EAGLE ROCK LICENSE APPLICATION -
ENVIRONMENTAL REVIEW INFORMATION NEEDS -
SOCIOECONOMICS AND WASTE MANAGEMENT

On June 19, 2009, U.S. Nuclear Regulatory Commission staff held two telephone
conference calls with staff from AREVA Enrichment Services (AREVA) to discuss information

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needs for the environmental review for the topics of (1) socioeconomics and environmental justice and (2) waste management. I am enclosing the telephone summaries of these calls for your use. The summary contains no proprietary or classified information.

Docket: 70-7015

Enclosures: As stated

cc: Stan Day, AREVA
Bruce Biber, Argonne National Laboratory

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Bruce Biwer, Argonne National Laboratory

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OFFICE	NMSS/AFCB	NMSS/AFCB	NMSS/AFCB
NAME	BReilly	CGibbs	THiltz
DATE	6/22/09	6/30/09	7/6/09

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Telephone Conference Call Summary
Environmental Review
Socioeconomics and Environmental Justice

Date and Time: 10:00 AM (EDT); June 19, 2009

Call Participants: B. Reilly, U.S. Nuclear Regulatory Commission (NRC)
M. George, NRC
B. Biwer, Argonne National Laboratory
T. Allison, Argonne National Laboratory

S. Thomson, AREVA
G. Van Noordennen, AREVA
P. Ballard, AREVA
G. Poremba, Environmental Resources Management
L. Kirchler, Environmental Resources Management

During the conference call, staff discussed NRC's information needs concerning socioeconomics and environmental justice. These information needs are SE-1 through SE-4, as identified by NRC:

SE-1: Provide copies of all correspondence and communications with local and regional officials and citizens confirming that:

- there are no additional areas with minority and low-income populations within 4 miles of the AREVA site, beyond those identified in the environmental report, and
- areas within 4 miles of the AREVA site are not used for subsistence purposes by low income or minority groups.

The AREVA staff will incorporate a list of the organizations that they contacted, or attempted to contact, and a summary of their phone conversations, in a supplement to the environmental report (ER). The AREVA staff is preparing a supplement and expects to submit it in early July, 2009.

SE-2: Provide all correspondence and communications with local public officials to determine significance of impact of AREVA construction and operation on:

- the provision of local public and educational services, and housing availability in the region, and any conflicts with proposed housing developments in the vicinity of the site.

The AREVA staff will provide a summary of their phone conversations with local officials in the July supplement to the ER.

SE-3: Provide data on operations workforce size, and by payroll group.

AREVA staff identified Table 7.1-1, "Operating Facility Payroll Estimates," of the Environmental Report as providing this information. No further information is needed.

SE-4: For the region of influence, provide detailed data on indirect economic impacts of AREVA labor, and goods and service expenditures, during both operations and decommissioning, estimated using input-output multipliers, including: impacts on earnings, and impacts on employment.

The Argonne staff asked whether the economic impacts had been evaluated for the region of influence, namely Bonneville and Bingham counties, as a subset to the study area of eleven counties. AREVA indicated that the model multiplier had been provided for the study area, and not county by county, and that using the smaller geographical area may give questionable results. AREVA agreed to provide a rationale for their use of the multiplier for the study area in the supplemental ER.

Telephone Conference Call Summary

Environmental Review Waste Management

Date and Time: 1:00 PM (EDT); June 19, 2009

Call Participants: B. Reilly, U.S. Nuclear Regulatory Commission (NRC)
B. Biwer, Argonne National Laboratory
K. Fischer, Argonne National Laboratory

S. Thomson, AREVA
G. Van Noordennen, AREVA
P. Ballard, AREVA
N. Panzarino, Dade Moeller and Associates

During the conference call, staff discussed NRC's information needs for the environmental review concerning the topic of waste management. These information needs are WM-1 and WM-2, as identified by NRC:

WM-1: Discuss the types and quantities (weight and volume) of hazardous and non-hazardous construction wastes as well as the location and available capacity of likely disposal sites.

The Argonne staff asked for clarification on the weight and location of likely disposal sites for the construction wastes. AREVA will confirm likely disposal sites and incorporate weight information in the July supplement to the ER.

WM-2: Provide information about waste management impacts, including:

- the basis for estimated operational waste quantities and the radionuclide inventory of radiological wastes (necessary for transportation risk analysis), including a discussion of the industrial processes used (e.g., sources and treatment) and the revised projections of waste generation resulting from the doubling of facility capacity,
- the potential for contamination of cylinder storage pad runoff and the rationale for diversion of treated sanitary waste to the potentially-contaminated cylinder storage runoff retention basins, and
- the types of radioactive and mixed wastes that are candidates for on-site and off-site volume reduction.

For the first bullet, the AREVA staff confirmed that they are working on incorporating radionuclide inventories into the July environmental report supplement. The second bullet was clarified during the site visit and there is no further followup. The AREVA staff will address the third bullet in the July supplement, identifying which waste streams are candidates for on-site and off-site volume reduction.

The Argonne staff also noted a minor discrepancy in Table 4.13-2, "Summary of Estimated Costs for Disposal of DUF₆ at DOE Deconversion Facilities." The total cost per kilogram should be \$7.66. AREVA staff agreed to update that value in the supplement.