



10 CFR 70.5

June 27, 2011

AES-O-NRC-11-01494

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

AREVA Enrichment Services LLC
Eagle Rock Enrichment Facility
NRC Docket No: 70-7015

Subject: Report of Archaeological Data Recovery at Site 10BV246: The John Leopard Homestead, Bonneville County, Idaho

AREVA Enrichment Services LLC (AES) hereby submits the subject report documenting the data recovery activities for archaeological site 10BV246 (MW004), a historic homestead at the proposed Eagle Rock Enrichment Facility (EREF) site. Based on cultural resource inventories performed in 2008 and 2009, archaeological site 10BV246 (MW004) was determined eligible to the National Register of Historic Places (NRHP) by the Nuclear Regulatory Commission under 36 CFR Part 60.4, Criteria A and D. The Idaho State Historic Preservation Office (SHPO) concurred with this determination in a letter dated September 29, 2009. Subsequently, a data recovery plan was prepared detailing treatment recommendations to mitigate adverse impacts of the proposed EREF to eligible archaeological site 10BV246 (MW004) (Reference 1). All treatment proposed in the data recovery plan was completed as documented in the subject report which contains a detailed discussion and analysis of the results of the data recovery. A copy of the data recovery report is provided in Enclosure 1. By copy of this letter, AES is also submitting two copies of this report to the Idaho SHPO.

Based upon the quality and extent of the data collected and evaluated, the work completed under the treatment plan has adequately captured the information held within the historic homestead site. Therefore, the treatments performed fulfill both the intent of the data recovery plan and the legal responsibilities of AES to mitigate the adverse effects of the EREF upon the NRHP eligibility of the John Leopard Homestead Site (10BV246).

Please note that the hydration analysis results for five obsidian artifacts mentioned in the subject report will be submitted to the NRC and Idaho SHPO by separate cover letter.

If you have any questions regarding this submittal, please contact me at (508) 573-6554.

AREVA ENRICHMENT SERVICES LLC

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NHSSOI

Respectfully,



Jim A. Kay
Licensing Manager

Reference:

- 1) Western Cultural Resource Management, "Archaeological Monitoring and Discovery Plan for the Eagle Rock Enrichment Facility," September 17, 2009

Enclosure:

- 1) Report of Archaeological Data Recovery at 10BV246: the John Leopard Homestead, Bonneville County, Idaho

Commitment:

- 1) The hydration analysis results for five obsidian artifacts recovered at the EREF site will be submitted to the NRC and Idaho SHPO by separate cover letter.

cc:

Breeda Reilly, U.S. NRC Senior Project Manager
Steve Lemont, U.S. NRC Senior Project Manager
Bruce Biwer, Argonne National Laboratory
Ken Reid, Idaho State Historic Preservation Officer (2 copies)