

Kennecott Uranium Company, Sweetwater

Request for Additional Information

The purpose of the following requests for additional information (RAI) is to provide needed information and data that are necessary for the U.S. Nuclear Regulatory Commission (NRC) to fulfill the requirements of NRC's National Environmental Policy Act of 1969 implementing regulations at Title 10 of the *Code of Federal Regulations* (10 CFR) Part 51, and the Domestic Licensing of Source Material requirements in 10 CFR Part 40. These RAIs were developed during the NRC staff's review of Kennecott Uranium Company (KUC) Sweetwater's *Environmental Report* (ER), which was submitted to the NRC as part of KUC's license renewal application for the Sweetwater mill. A revised ER was submitted in November 2016. The information submitted in response to these RAIs will inform the environmental review being prepared by the staff in support of its review of KUC's license renewal request.

RAI ENV -1 – Cultural and Historic Resources

One cultural resource site (48SW9829) was identified by Pronghorn Archeological Services in 1993 during a site survey. During previous consultation with the Wyoming State Historic Preservation Officer, the NRC staff recommended that the site remain categorized as unevaluated until that the area may be disturbed and that the site should undergo additional archeological evaluation. License Condition (LC) 9.8, includes a commitment that KUC would survey areas for cultural resources that have not been previously surveyed. However, this site has been surveyed, LC 9.8 does not apply to this site, which has already been surveyed. Please describe any work KUC performed in the area of this site, and how and to what extent KUC has undertaken further evaluation of the site as committed to LC 9.8.

RAI ENV-2 – No-Action Alternative Impacts

By letter dated February 12, 2016 (Agencywide Documents and Management System Accession Number ML16028A179), the NRC staff requested information related to no-action alternative. In response KUC provided the November 2016 revised ER, however the information provided was insufficient. KUC provided a number of "alternatives" as the no-action alternative. But with respect to the consideration of impacts associated with the denial of the requested license renewal and the initiation of decommissioning activities, the ER contains no discussion of impacts. Please describe the environmental impacts and associated activities that KUC would undertake in such circumstances.