



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

DATE: July 30, 2018

MEMORANDUM TO: File: 040-09068
License: SUA-1598
Licensee: Lost Creek ISR., LLC
Facility: Lost Creek ISR Project, Sweetwater County, WY

FROM: Bill Von Till, Branch Chief **/RA/**
Uranium Recovery Licensing Branch
Division of Decommissioning, Uranium Recovery
and Waste Programs
Office of Nuclear Material Safety
and Safeguards

SUBJECT: EXPLANATION FOR WHY ACTIONS QUALIFIED FOR SELECTED
CATEGORICAL EXCLUSION: AMENDMENT 7 TO SOURCE AND
BYPRODUCT MATERIALS LICENSE NO. SUA-1598 LOST CREEK
ISR, LLC, SWEETWATER COUNTY, WY

The purpose of this memorandum is to document the basis for the NRC staff's conclusion with respect to the satisfaction of the categorical exclusion criteria under paragraph 10 CFR 51.22(c)(11). This basis is also described in the safety evaluation report for this amendment request. The staff has determined that actions undertaken for Amendment 7 to License SUA-1598 qualify for a categorical exclusion under paragraph 10 CFR 51.22(c)(11) as follows:

- There is no significant increase in the types or amounts of any effluents that may be released offsite

The changes by the amendment do not affect the types or amounts of effluents generated or released at the facility. Therefore, the U.S. Nuclear Regulatory Commission (NRC) staff finds that the changes will not have a significant increase in the types or amounts of effluents.

- There is no significant increase in individual or cumulative occupational radiation exposure

The purpose of the preoperational license conditions was to verify that the licensee's equipment, procedures and staff were consistent with the regulations, license conditions or commitments in the license application upon which issuance of the license was based. The NRC staff had verified that the preoperational license conditions were satisfied. For License Condition (LC) 12.1 through 12.5 and 12.5, the verification is found in prior documents and the current action is to administratively

delete the satisfied license condition from the license. For LC 12.7, 12.9 and 12.14, staff's prior verification is documented in this SER, and the current action is to administratively delete the license condition from the license. Deletion of the preoperational license condition from the license will have no impact on operations or exposures.

LC 10.21 documents an element of an annual land use survey which the licensee has committed to performing in the license application. The license condition does not modify any operational procedure associated with exposures to radionuclides.

Therefore, the NRC staff finds that changes by this amendment do not significantly increase the individual or cumulative occupation radiation exposure.

- There is no significant construction impact; and,

The changes to the preoperational license conditions are administratively removing satisfied conditions. As such, the NRC staff finds that the changes do not have impact on construction.

For LC 10.21, the new license condition may or may not have an impact on construction if, in the future, a private well is constructed near a proposed wellfield. In most cases, the impact would be the requirement to monitor the quality at that well with no impact on construction.

Therefore, the NRC staff finds that changes by the amendment do not have a significant impact on construction.

- There is no significant increase in the potential for or consequences from radiological accidents.

The NRC staff finds that the changes by the amendment do not affect the potential for or consequences from types or amounts of effluents generated or released at the facility.

Pursuant to staff requirements memorandum dated February 28, 1984, to SECY-83-286, and guidance in NUREG-1748, as designee for the Division Director, this memorandum documents my concurrence with the staff's evaluation. This memorandum will be placed as a publicly available record in NRC's Agencywide Documents Access and Management System (ADAMS) under the above referenced docket and linked to the Amendment 7 package (ADAMS Accession No.: ML18143B715).

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