

March 20, 2012

Mr. Jon F. Winter
Manager, Wyoming Environmental
and Regulatory Affairs
Uranium One Americas
907 North Poplar Street
Suite 260
Casper, WY 82601

SUBJECT: ACCEPTANCE REVIEW OF LICENSE AMENDMENT REQUEST FOR A
URANIUM *IN SITU* RECOVERY FACILITY, URANIUM ONE, LUDEMAN SITE,
CONVERSE COUNTY, WYOMING (TAC NO. J00659)

Dear Mr. Winter:

By letter dated December 5, 2011, Uranium One Americas (Uranium One) submitted to the U.S. Nuclear Regulatory Commission (NRC) a request to amend Source Material License SUA-1341 to construct and operate a uranium *in situ* recovery (ISR) facility at its Ludeman site in Converse County, Wyoming. The license amendment request is publicly available in NRC's Agency-wide Documents Access and Management System (ADAMS).

Due to resource constraints, the staff began its acceptance review on January 3, 2012. The acceptance review is an administrative review to determine the completeness of the information submitted. The application will be considered complete if the information provided is complete, reflects an adequate reconnaissance and physical examination of the regional and site conditions, and provides appropriate analyses and design information to demonstrate that the applicable acceptance criteria will be met. The technical review acceptance criteria are provided in NUREG-1569, "Standard Review Plan for In Situ leach Uranium Extraction License Applications", June 2003. The environmental review acceptance criteria are provided in NUREG-1748, "Environmental Review Guidance for Licensing Actions Associated with NMSS Programs", August 2003. To guide the acceptance review, the staff prepared the enclosed tables using the acceptance criteria from NUREGs 1569 and 1748.

The staff has completed its acceptance review. However, the staff was unable to verify that all of the necessary information was included in your application. The enclosed tables: (1) identify the acceptance criteria; (2) document if the staff was able to find the necessary information; and (3) document where in the application the information is located. With this letter, the staff is providing Uranium One an opportunity to identify the location of the information the staff could not find. Therefore, Uranium One is requested to review the tables and identify the location of the missing information by March 23, 2012. The staff is postponing its finding on the acceptability of your application until March 30, 2012 to accommodate receipt of Uranium One's response.

J. Winter

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In accordance with 10 CFR 2.390 of NRC's "Rules of Practice for Domestic Licensing Proceedings and Issuance of Orders," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of ADAMS. ADAMS is accessible from the NRC Web site at:

<http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions, please contact me at John.Buckley@nrc.gov or (301) 415-6607.

Sincerely,

/RA/

John T. Buckley, Senior Project Manager
Reactor Decommissioning Branch
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

Docket No.: 04008502

Enclosures:

1. Technical Review Acceptance Table
2. Environmental Review Acceptance Table

cc:

Glenn Mooney (WDEQ)
Miles Bennett (WDEQ)
James Brashor (BLM)
Ben Schiffer (WWC)
Chris Pugsley (Thompson & Pugsley, LLC)

J. Winter

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