



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

January 18, 2018

Mr. Tyler Abbott, Field Supervisor
U.S. Fish and Wildlife Service
Mountain-Prairie Region
Wyoming Field Office
5353 Yellowstone Road
Cheyenne, WY 82009

**SUBJECT: REQUEST FOR INFORMATION REGARDING ENDANGERED OR
THREATENED SPECIES AND CRITICAL HABITAT FOR THE PROPOSED
LICENSE AMENDMENT TO SOURCE MATERIAL LICENSE SUA-1341 FOR
URANIUM ONE LUDEMAN URANIUM RECOVERY SATELLITE PROJECT
(DOCKET NUMBER: 040-08502)**

Dear Mr. Abbott:

The U.S. Nuclear Regulatory Commission (NRC) received an application from Uranium One for an amendment to source materials license SUA-1341 to authorize Uranium One to construct and operate an in situ uranium recovery (ISR) satellite facility at the proposed Ludeman project site in Converse County, Wyoming. The facility, if licensed, would use an ISR technology to extract uranium at the Ludeman project site. The proposed project area consists of approximately 19,888 acres (8,048 ha) of primarily privately-owned land and is located approximately 16 km (10 mi) northeast of Glenrock on State Highway 95 and State Highway 93. A map showing the proposed project location is enclosed.

As part of the environmental review, the NRC staff would prepare an environmental assessment (EA) in accordance with its regulatory provision in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions." These regulations implement the requirements of the National Environmental Policy Act of 1969, as amended (Public Law 91-190), which requires the Federal agency to assess the potential environmental impacts of major Federal actions that may significantly affect the human environment. The EA will contain an analysis of impacts to the endangered or threatened species and impacts to fish and wildlife.

In accordance with Section 7 of the Endangered Species Act, the EA would include an analysis of potential impacts to endangered or threatened species or critical habitat in the proposed project area. To support the environmental review, the NRC is requesting information from the U.S. Fish and Wildlife Service to facilitate the identification of endangered or threatened species or critical habitat that may potentially be affected by the proposed Ludeman ISR Project. Any information you provide would be used to enhance the scope and quality of the NRC staff's review in accordance with 10 CFR 51 and 50 CFR 402, "Interagency Cooperation – Endangered Species Act of 1973, as Amended." After reviewing all the information collected, the NRC will determine what additional actions are necessary to comply with Section 7 of the Endangered Species Act.

For additional information regarding the proposed project, Uranium One's license application is publicly available from the NRC's Agencywide Documents Access and Management System (ADAMS). The ADAMS Public Electronic Reading Room is accessible at <http://www.nrc.gov/reading-rm/adams.html>. The accession number for the Uranium One source material amendment application is ML120120182, and is available online through ADAMS, or directly from the project's web page at <http://www.nrc.gov/materials/uranium-recovery/license-apps/ludeman.html>.

Please submit any comments and information that you may have regarding this environmental review within 30 days of receipt of this letter to the U.S. Nuclear Regulatory Commission, ATTN: Ms. Cinthya I. Román, Mail Stop T-4B16, 11555 Rockville Pike, Rockville, MD 20852. If you have any specific questions or comments on the proposed project, or need any additional information regarding the license application and the environmental review process, please contact Ms. Ashley Waldron of my staff by telephone at (301) 415-7317, or via email at Ashley.Waldron@nrc.gov. Thank you for your assistance.

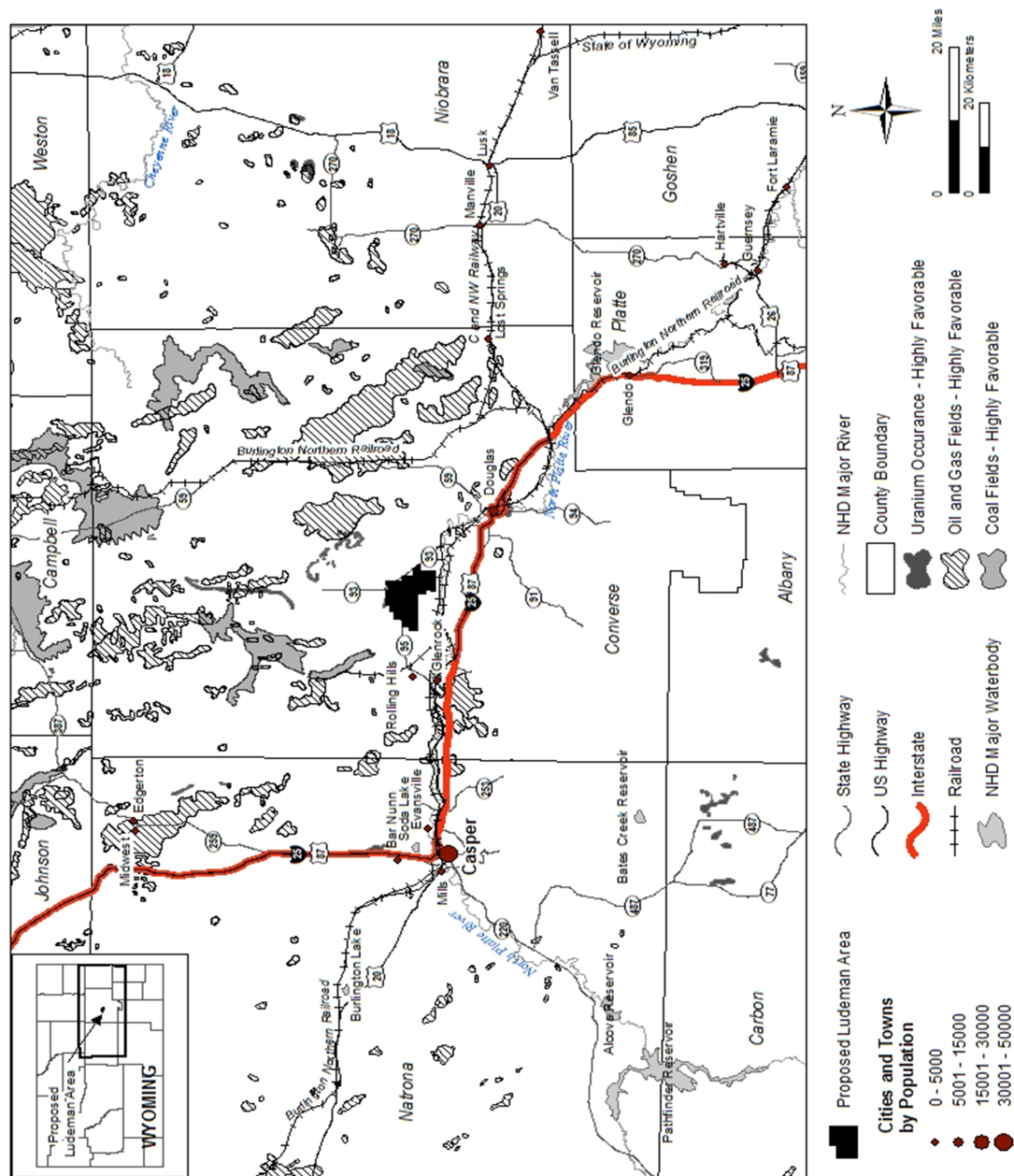
Sincerely,

\RA\

Cinthya I. Román, Chief
Division of Fuel Cycle Safety, Safeguards
and Environmental Review,
Office of Nuclear Materials Safety
and Safeguards

Docket No. 040-08502
License No. SUA-1341

Enclosure:
Ludeman Proposed Area Map



Enclosure 1. Ludeman Project Area Map

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DATED: January 18, 2018

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***via email**

OFFICE	FCSE/ERB	FCSE/ERB	FCSE/ERB
NAME	*AWaldron	AWalker-Smith	CRomán
DATE	01/18/2018	01/18/2018	0118/2018

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