



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

July 9, 2018

Ms. Mary Hopkins
State Historic Preservation Officer
Wyoming State Historic Preservation Office
2301 Central Avenue
Cheyenne, WY 82002

SUBJECT: DETERMINATIONS OF NO EFFECTS FOR URANIUM ONE LUDEMAN
SATELLITE – CONVERSE COUNTY, WYOMING – SOURCE MATERIALS
LICENSE NUMBER SUA-1341 (SHPO FILE NUMBER 0518RLC004)

Dear Ms. Hopkins:

The U.S. Nuclear Regulatory Commission (NRC) staff is providing for your review and concurrence the determinations of effects for the Ludeman In Situ Uranium Recovery (ISR) Project.

Uranium One USA (Uranium One) submitted an application to amend its source materials license (SUA-1341) in December 2011, to construct and operate the proposed Ludeman ISR satellite project in Converse County, Wyoming.

On March 23, 2018, the NRC submitted to your office for review and concurrence, Determinations of Eligibility for Properties within the direct Area of Potential Effect (APE) (Agencywide Document Access Management System (ADAMS) Accession Number ML18065A674). Sites 48CO3009 and 48CO3027 were recommended as not eligible and sites 48CO3036 and 48CO3037 were recommended as eligible. On May 23, 2018 your office concurred with the NRC's findings (ADAMS Accession Number ML18149A524).

NRC will require Uranium One as a condition of their license (SUA-1341) to avoid all eligible sites within the APE (i.e. 48CO3036 and 48CO3037). This will include a buffer of 100 feet around each site. Therefore, the NRC staff has determined because of the mitigation that will be implemented by Uranium One there will be no adverse effects to sites 48CO3036 and 48CO3037.

M. Hopkins

2

The NRC staff requests your concurrence on the NRC's determinations of effect within 30 days of this letter. If you have any questions or require additional information, please contact Ms. Ashley Waldron by telephone at (301) 415-7317 or via email at Ashley.Waldron@nrc.gov.

Sincerely,

/RA/

Cintha I. Román, Chief
Environmental Review Branch
Division of Fuel Cycle Safety, Safeguards
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No. 40-8502
License No. SUA-341

SUBJECT: DETERMINATIONS OF NO EFFECTS FOR URANIUM ONE LUDEMAN
SATELITTE – CONVERSE COUNTY, WYOMING – SOURCE MATERIALS
LICENSE NUMBER SUA-1341 (SHPO PROJECT NUMBER 0518RLC004)

DATED: July 9, 2018

ADAMS PACKAGE ACCESSION NUMBER ML18187A322 * via email

OFC	NMSS/FCSE/ERB	NMSS/FCSE/ERB	OGC	NMSS/FCSE/ERB
NAME	AWaldron	AWalker-Smith	*SClark	CRomán
DATE	07/9/2018	07/9/2018	07/9/2018	07/9/2018

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