

August 11, 2010

MEETING REPORT

MEMORANDUM TO: Bill Von Till, Chief
Uranium Recovery Licensing Branch
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

FROM: John Buckley **/RA/**
Uranium Recovery Licensing Branch
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

SUBJECT: AUGUST 3, 2010 MEETING WITH URANIUM ONE

On August 3, 2010, a teleconference was held with Uranium One Americas, Inc (Uranium One) to discuss site characterization and technical design information associated with the application for the Ludeman ISR.

On May 11, 2010, Uranium One withdrew its amendment application for the construction and operation of the Ludeman Uranium project in Converse County, Wyoming. The application was withdrawn so that additional site characterization and technical design information could be included in its application. Uranium One transmitted additional site characterization and technical design information to NRC on July 30, 2010 (see Enclosure 3). During the meeting participants discussed the submittals and NRC provided comments on the data provided (see Enclosure 4).

Enclosures:

1. Agenda
2. Participant List
3. Uranium One submittals
4. NRC comments

CONTACT: J. Buckley, DWMEP/FSME
(301) 415-6607

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DISTRIBUTION:

Meeting Attendees
K McConnell

LGersey/RIV

BSpitzberg/RIV

ML102170283

Office	DWMEP	DWMEP	DWMEP
Name	JBuckley	BGarrett	JBuckley
Date	08/11/10	08/11/10	08/11/10

OFFICIAL RECORD COPY

MEETING AGENDA
Uranium One Americas, Inc.
August 3, 2010

MEETING PURPOSE: Teleconference to Discuss Uranium One's Ludeman ISR Application.

MEETING PROCESS:

<u>Time</u>	<u>Topic</u>	<u>Lead</u>
1:00 p.m. (Eastern)	Introductions	All
	Discussion of Ludeman ISR Application	All
	Summary of Action Items	Moderator
	Public Comment/Questions	Moderator
3:00 p.m.	Adjourn	

Participant List

Nuclear Regulatory Commission

William Von Till
Stephen Cohen
John Buckley
Elise Striz
John Saxton

Uranium One Americas, Inc.

Donna Wichers
Jon Winter
Mike Griffin
Errol Lawrence (Petrotech)

Members of the Public

Pam Rothwell (Wyoming Department of Environmental Quality)

ENCLOSURE 3

**Uranium One Submittal - July 30, 2010
(ML102170246)**

NRC Comments

1. Please collect water use information for all Negley Subdivision wells to include permitted type of well, reported actual use of well (e.g. stock, irrigation, domestic, none), permitted rate of use, estimated or reported actual rate of use, yearly cumulative use, if possible, and method of lift (e.g. submersible pump, windmill).
2. Please provide all available well completion reports including any lithologic description such as driller's logs for all Negley Subdivision wells and all wells drilled or maintained by Uranium One within the Leuenberger Satellite Plant portion of the license area, especially T34N R74W Section 14.
3. Please provide several very detailed N-S and E-W cross section maps in mean sea level elevations on the densest well spacing and depth intervals possible for T34N R74W Sections 11 and 14. For the north-south cross sections, the correlations should extend across the Leuenberger wellfield and all possible wells in the Negley Subdivision. The depth of the cross sections should include the underlying aquifer to the 80 sand. Separate east-west cross sections should cover the northern and southern half of both Sections 11 and 14 if possible. Other cross sections may be prepared in other directions if desired. The cross section correlations should incorporate all information available to define the location and thickness of sands and aquitards, including well depth, water level, lithologic descriptions, borehole logs (e.g., resistivity, gamma, SP) and water quality. Historical well completions should also be used where possible (e.g. abandoned wells installed by Teton Exploration for pilot test).
4. Based on these cross sections and all available information, specifically identify the screened interval of each Negley subdivision well, describe the sand or shale in which it is completed, and provide supporting information for this selection.
5. Once sand/aquitard definitions are made for Sections 11 and 14 based on these cross sections and supporting information, please provide updated potentiometric surfaces for each sand defined across Sections 11 and 14 and estimate ground flow magnitude and direction. If possible, please add water levels to all cross section maps.