

August 6, 2009

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

FROM: Douglas T. Mandeville, Project Manager **/RA/**
Uranium Recovery Licensing Branch
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

DATE/TIME: August 18, 2009
10:00 a.m. - 12:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
Two White Flint North, Room T8 C1
11545 Rockville Pike
Rockville, MD 20852

Newly scheduled Revised Canceled

APPLICANT: Uranium One/Moore Ranch ISR

DOCKET: 04009073

PURPOSE: Teleconference to Discuss Radiological and Miscellaneous Issues
Relating to Moore Ranch ISR License Application.

PARTICIPANTS:	<u>NRC Offices</u>	<u>Applicant</u>
	Stephen Cohen	Mike Griffin
	James Webb	Donna Wichers
	Douglas Mandeville	et al.
	Ron Burrows	
	et al.	

CONTACT: Douglas T. Mandeville, FSME/DWMEP/DURLD
(301) 415-0724
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CATEGORY: Category 1. The public is invited to observe this meeting and will have opportunities to communicate with the NRC staff after the business portion, but before the meeting is adjourned. **Interested members of the public can participate in this meeting via a toll-free teleconference. For details, please call the NRC meeting contact by August 13, 2009.**

ENCLOSURE: Agenda

NOTE: The NRC's Policy Statement "Enhanced Public Participation in NRC Meetings," May 28, 2002, applies to this meeting. The Policy Statement may be found on the NRC Web site, www.nrc.gov, and contains information regarding visitors and security.

ENCLOSURE: Agenda

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DISTRIBUTION:

Meeting Attendees
AKock

JWhitten/RIV
PBubar

LGersey/RIV

PMNS

ML092180447

Office	DWMEP	DWMEP	DWMEP	DWMEP	
Name	DMandeville	BGarrett	SCohen	DMandeville	
Date	8/6/09	8/ 6/09	8/ 6/09	8/ 6/09	

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MEETING AGENDA
Uranium One/Moore Ranch ISR
August 18, 2009

MEETING PURPOSE: Teleconference to Discuss Radiological and Miscellaneous Issues Relating to Moore Ranch ISR License Application.

MEETING PROCESS:

<u>Time</u>	<u>Topic</u>	<u>Lead</u>
10:00 a.m.	Introductions	All
	Discussion of Miscellaneous issues (list of issues attached)	All
	Discussion of Radiological Issues (list of issues attached)	All
	Summary of Action Items	Moderator
	Public Comment/Questions	Moderator
12:00 p.m.	Adjourn	

Enclosure

Miscellaneous Issues
Uranium One/Moore Ranch ISR
August 18, 2009

1. Adequacy of monitoring well ring.
2. Qualifications of non-RSO personnel to conduct inspections.
3. Qualification of QA personnel.
4. Procedure for updating monitoring plan.
5. Discussion of standard procedures for sampling.
6. Lack of discussion of decontamination of sample containers and equipment.
7. Site specific records management plan.
8. Discussion of functions of onsite and subcontract labs and their QA programs.
9. Discussion of corrective action program integrating QA components.

Radiological Issues
Uranium One/Moore Ranch ISR
August 18, 2009

1. Proposed in-plant locations of airborne particulate and radon daughter monitoring.
2. Frequency of air sampling in airborne radioactivity areas.
3. Action level for uranium or other radionuclides based on gross alpha counting of air filters.
4. Instrument detection levels within 10 percent of DAC value for uranium and radon in air.
5. Selection of action level for soluble natural uranium.
6. Identification of employees by work classification who will receive more than 10% of the allowable occupational dose limit.
7. Review of external radiation monitoring program to ensure that unmonitored workers do not exceed 10% of the dose limits.
8. Monitoring and recordkeeping related to soluble uranium intake by an individual, which is limited to 10 milligrams in a week.
9. Occupational exposure record and determination of actual scheduled time.
10. Identification of all radionuclides and concentrations that may exist in air and determination of the dose from this mixture.
11. Providing information related to prenatal/fetal dose to pregnant women.
12. Effluent monitoring program for airborne particulates and gaseous effluents.
13. Location of boundary air particulate samplers and impacts on proposed operational air particulate and direct radiation sampling locations.
14. Location of radon monitoring stations in relation to air particulate stations.
15. Sediment sampling during operations.
16. Operational sampling for food, fish, and vegetation sampling.
17. Gamma levels and cleanup criteria.
18. Definition of potentially contaminated areas.
19. Gamma action limits and relation to preoperational gamma survey and preoperational environmental monitoring.
20. Application of radium benchmark dose on remaining structures.