



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](http://www.nrc.gov), and contains information regarding visitors and security.

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**DISTRIBUTION:**

Meeting Attendees  
AKock

JWhitten/RIV  
PBubar

LGersey/RIV

PMNS

**ML091970018**

Office	DWMEP	DWMEP	DWMEP	DWMEP	
Name	MFliegel	BGarrett	SCohen	MFliegel	
Date	7/16/09	7 /16 /09	7/ 16 /09	716/09	/ /

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MEETING AGENDA  
Uranium One/Moore Ranch ISR  
July 27, 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 Radiological Issues (list of issues attached)	All
	Discussion of Miscellaneous Issues (list of issues attached)	All
	Summary of Action Items	Moderator
	Public Comment/Questions	Moderator
1:00 p.m.	Adjourn	

Enclosure

Radiological Issues  
Uranium One/Moore Ranch ISR  
July 27, 2009

1. Air sampling for less than 12 months.
2. Lack of livestock sampling not justified.
3. Lack of crop sampling not justified.
4. Baseline groundwater sampling for less than 12 months.
5. Baseline surface water sampling for less than 12 months.
6. Surface water sampling results not identified as suspended or dissolved.
7. Adequacy of monitoring program to detect and control gamma radiation from uranium decay products.
8. Information on lower limits of detection on beta and gamma radiation survey instruments.
9. Frequency of beta surveys.
10. Adequacy of beta personnel monitoring.
11. Alternative action levels based on quarterly rather than monthly bioassay sampling.
12. Basis for use of Class D for DAC.
13. Urinalysis as the sole bioassay technique.
14. No discussion of limiting soluble uranium intake to 10 mg per week.
15. Acceptable method for evaluating positive bioassays.
16. Detection of surface contamination by Ra-226 and other naturally occurring daughter products.
17. Detection of Ra-226 and other naturally occurring daughter products during personnel monitoring.
18. Contamination monitoring of hand carried items.
19. Beta surveys of operations involving direct handling of large quantities of aged yellowcake.
20. Qualifications of individuals performing contamination surveys for release from restricted and controlled areas.
21. Information about the minimization of contamination in the design of the facility.

22. Clarification of QA organization.
23. Discussion of routine quality control checks.
24. Incorporation of data acquired through non-direct measurements into QA/QC program.
25. Discussion of corrective action program integrating QA components.

Miscellaneous Issues  
Uranium One/Moore Ranch ISR  
July 27, 2009

1. Justification for using ACC met data to represent Moore Ranch meteorology.
2. Demonstration that ACC data represents long-term meteorological conditions.
3. Wind speed and direction data not consistent in Technical Report.
4. No annual wind rose provided.
5. Mixing height data representative of the Moore Ranch site.
6. Calibration of meteorological data collection system.
7. Adequacy of monitoring well ring.
8. Qualifications of non-RSO personnel to conduct inspections.
9. Qualification of QA personnel.
10. Procedure for updating monitoring plan.
11. Discussion of standard procedures for sampling.
12. Lack of discussion of decontamination of sample containers and equipment.
13. Site specific records management plan.
14. Discussion of functions of onsite and subcontract labs and their QA programs.
15. Discussion of corrective action program integrating QA components.

