

December 22, 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: Stephen Cohen, Team Leader **/RA/**
Uranium Recovery Licensing Branch
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

SUBJECT: PUBLIC MEETING SUMMARY

On November 17-18, 2009, a public meeting was held in Denver, Colorado, to present information to the uranium recovery industry to facilitate the preparation of applications for uranium recovery licenses. A summary of the meeting is enclosed.

Enclosure: Meeting Summary

CONTACT: S. Cohen, FSME/DWMEP
(301) 415-7182

December 22, 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: Stephen Cohen, Team Leader **/RA/**
Uranium Recovery Licensing Branch
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

SUBJECT: PUBLIC MEETING SUMMARY

On November 17-18, 2009, a public meeting was held in Denver, Colorado, to present information to the uranium recovery industry to facilitate the preparation of applications for uranium recovery licenses. A summary of the meeting is enclosed.

Enclosure: Meeting Summary

CONTACT: S. Cohen, FSME/DWMEP
(301) 415-7182

DISTRIBUTION:

KMcConnell JWhitten/RIV LGersey/RIV Meeting Attendees

ML093510162

OFFICE	DWMEP	DWMEP	DWMEP	DWMEP
NAME	SCohen	BGarrett	SCohen	
DATE	12/ 17 /09	12/22/09	12/22/09	

OFFICIAL RECORD COPY

MEETING REPORT

DATE: November 17 and 18, 2009

TIME: 8:30 a.m. to 4:00 p.m.

PLACE: Hilton Garden Inn
1400 Welton Street
Denver, CO

PURPOSE: The purpose of this workshop was to present information to the uranium recovery industry to facilitate the preparation of applications for uranium recovery licenses. The staff also discussed issues related to health physics issues arising from the reviews of applications for new licenses.

ATTENDEES:

See Attached Attendee List

BACKGROUND:

The U.S. Nuclear Regulatory Commission (NRC) is currently reviewing 5 applications for new facility licenses or expansions and is expecting more applications in the next 3 years. During the review of these applications issues have arisen with respect to health physics. Specifically, the staff determined that certain guidance documents were either incorrect or outdated and resulting in numerous questions by the staff directed toward the applicants. Therefore, the staff dedicated the first day of the workshop to reviewing and discussing the issues to inform the industry and provide paths forward to facilitate application review.

The staff also observed that applicants were not providing sufficient information in key areas of the application, such as hydrogeology, operations, and radiation safety. Therefore, the second day of the workshop was dedicated to reviewing the process for submitting an application and engaging in detailed discussions for each section of the application. In this manner, applicants would understand the manner in which NRC staff reviews applications resulting in fewer questions.

DISCUSSION:

On November 17, 2009, NRC staff began the workshop by reading the opening statement, discussing the agenda, and logistics. After, the staff began presenting the health physics issues including: inhalation classification, mixture rule, contamination control criteria, personnel contamination criteria, restricted area contamination levels, and radon reporting. Attachment 1 contains the PowerPoint presentations for these topics. On November 18, 2009, the staff began presenting the application preparation process. Topics included application procedures, and detailed discussions of each section of the application.

ACTIONS:

Specific areas of concern were identified by the meeting attendees resulting in the following action items:

1. NRC to contact Agreement States to gather information regarding the manner in which the state agencies address mixtures of radionuclides at ISRs. – January 2010.
2. Contact the State of Utah to learn what release criteria it is using. – NRC, January 2010
3. Contamination Control Limits – Issue the new requirements in a Regulatory Guide revision or an interim guidance document for review and comment by the public. **The staff has determined that Regulatory Guide 8.30 will be the standard until it is revised. A draft revision will be issued for public review and comment.**
4. Personnel Contamination Limits - Issue the new requirements in a Regulatory Guide revision or an interim guidance document for review and comment by the public. **The staff has determined that Regulatory Guide 8.30 will be the standard until it is revised. A draft revision will be issued for public review and comment.**
5. Provide guidance in writing regarding literal compliance with 10 CFR 40, Appendix A, Criterion 5(B)(5). **To resolve this issue, licenses will be issued with a condition that states that groundwater in the wellfield (production zone) will be restored to the standards presented in Criterion 5(B)(5). This condition will not use the term “point of compliance” to avoid confusion regarding the literal interpretation of Criterion 5(B)(5). The ISR rulemaking will resolve the “point of compliance” issue regarding ISR facilities. Standards for corrective actions of excursions will also be Criterion 5(B)(5).**
6. Explanations of why certain regulations require commitments in the application and license conditions, while others do not. NRC, January 2010.
7. Jurisdiction over evaporation ponds. NRC, January 2010.
8. What does the NRC staff want to be included in the sureties? NRC, January 2010.

ATTACHMENTS

1. Agenda
2. List of Attendees
3. Health Physics Presentations
4. Application Preparation Process Presentations

**Uranium Recovery Application Workshop
November 17 & 18, 2009
Hilton Garden Inn – Denver Downtown
Denver, Colorado**

AGENDA

November 17

Time	Topic	Speaker
8:00 am	Registration	NA
8:30 am	Introductions	Stephen Cohen
8:45 am	Health Physics Issues	Ronald Burrows
9:45am	Break	
10:00 am	Health Physics Issues	Ronald Burrows
11:00 am	Break	
11:15 am	Health Physics Issues	Ronald Burrows
12:15 pm	LUNCH	
1:30 pm	Health Physics Issues	Ronald Burrows
2:30 pm	Break	
2:45 pm	Health Physics Issues	Ronald Burrows
3:45 pm	Break	
4:30 pm	Adjourn	Ronald Burrows

November 18

Time	Topic	Speaker
8:30 am	SER Development Sections 1.0 and 2.0	Stephen Cohen
9:30am	Break	
9:45 am	Section 2.0 (cont'd) and Section 3.0	Stephen Cohen
10:45 am	Break	
11:00 am	Section 3.0 (cont'd) and Section 4.0	Stephen Cohen
12:00 pm	LUNCH	
1:00 pm	Section 4.0 (cont'd) and Section 5.0	Stephen Cohen
2:00 pm	Break	
2:15 pm	Section 5.0 (cont'd)	Stephen Cohen
3:30 pm	Break	
4:00 pm	Stakeholder Comments	Stephen Cohen
4:30 pm	Adjourn	