

September 16, 2009

MEMORANDUM TO: Patrice Bubar, Deputy Director
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

FROM: Priya Yadav, Project Manager **/RA/**
Low-Level Waste Branch
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

SUBJECT: PUBLIC WORKSHOP SUMMARY

On September 2-3, 2009, staff from the Office of Federal and State Materials and Environmental Management Programs conducted Public Workshop 1 on Unique Waste Streams including Depleted Uranium at the Bethesda Hyatt in Bethesda, Maryland. The purpose of the workshop was to solicit early public input on major issues associated with a potential rulemaking for land disposal of unique waste streams including significant quantities of depleted uranium in radioactive waste disposal facilities. The public workshop was intended to solicit the views from a variety of stakeholders that may be affected by the rulemaking.

Approximately 75 people attended the workshop including roundtable participants from the U.S. Department of Energy (DOE), the State of South Carolina, low-level waste disposal facility operators, academic experts, and public interest groups. U.S. Nuclear Regulatory Commission staff delivered technical presentations on various aspects of the proposed rulemaking. Participants at the roundtable engaged the NRC staff and other panelists in a discussion of technical, regulatory, and legislative issues. Members of the public in attendance were also given the opportunity to participate in the discussion. Attendees provided comments and gave positive feedback about the productive and collaborative nature of the workshop. The workshop was transcribed and the official transcript is available at <http://www.nrc.gov/about-nrc/regulatory/rulemaking/potential-rulemaking/uw-streams.html>. Several significant comments that were made include: (1) the period of performance should be specified in rule language with other criteria, such as exposure scenarios, specified in guidance; (2) not to define the term "significant quantity" of depleted uranium in the regulation, as the performance assessment would determine the amount of waste appropriate for disposal; and (3) general agreement not to define the term "unique waste streams" during the initial rulemaking. Staff will review the transcript and consider comments made at the workshop during the development of the regulatory basis for the rulemaking.

CONTACT: Priya Yadav, FSME/DWMEP
(301) 415-6667

Enclosures:

1. Agenda
2. Attendee List
3. NRC Presentations

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DATE	09/11/09	09/15/09	09/16/09

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AGENDA
NRC Public Workshop 1 on Unique Waste Streams - Depleted Uranium
 (see Federal Register 74 FR 30175)
 September 2-3, 2009
 Hyatt Regency Bethesda
 One Bethesda Metro Center, 7400 Wisconsin Avenue
 Bethesda, MD 20814

Wednesday, September 2, 2009

Speaker

8:00 – 8:30 am	Registration	
8:30 – 9:00 am	Facilitator Opening Comments Participant Introductions	C. Cameron, NRC
9:00 – 9:30 am	Context: NRC Welcome & Overview	L. Camper, NRC/FSME ¹
9:30 – 9:45 am	Context: NRC Rulemaking Process	A. Carrera, NRC/FSME
9:45 – 10:00 am	Break	
10:00 – 11:00 am	Site-Specific Performance Assessment and NRC Depleted Uranium Technical Analysis Overview	D. Esh, NRC/FSME
11:00 – 12:00 noon	Issue 1: Significant Quantities of Depleted Uranium Issue 1.1: Definition of Significant Quantities Introduction Round Table Discussion Public Comments ²	D. Esh, NRC/FSME Panel Members All Participants
12:00 – 1:30 pm	Lunch	

¹ Office of Federal and State Materials and Environmental Management Programs (FSME)

² All agenda topics will allow for an introduction, roundtable discussion, and public comments

1:30 – 2: 45 pm	Issue 1.2: Time Period of Performance for a Site-specific Analysis Introduction	D. Esh, NRC/FSME
2:45 – 4:00 pm	Issue 1.3: Exposure Scenarios for a Site-specific Analysis Introduction	D. Esh, NRC/FSME
4:00 – 4:15 pm	Break	
4:15 – 5:00 pm	Issue 1.4: Source Term Issues for a Site-specific Analysis Introduction	K. Pinkston, NRC/FSME
5:00 pm	Wrap up of Day 1	C. Cameron, NRC

Thursday, September 3, 2009

Speaker

8:00 – 8:30 am	Registration	
8:30 – 8:45am	Facilitator Opening Comments	C. Cameron, NRC
8:45 – 9:45 am	Issue 1.5: Modeling of Uranium Geochemistry in a Site-specific Analysis Introduction	K. Pinkston, NRC/FSME
9:45 – 10:00 am	Break	
10:00 – 11:00 am	Issue 1.6: Modeling of Radon in the Environment in a Site-specific Analysis Introduction	K. Pinkston, NRC/FSME
11:00 – 12 noon	Issue 2: Unique Waste Streams Introduction	D. Esh, NRC/FSME
12:00 – 1:00 pm	Lunch	
1:00 – 2:00 pm	Issue 3: Agreement State Compatibility Introduction	D. White, NRC/FSME

2:00 – 3:00 pm	Issue 4: Long-Term Rulemaking: Waste Classification Introduction	L. Camper, NRC/FSME
3:00 – 3:15 pm	Break	
3:15 – 4:15 pm	Issue 5: Other Considerations Introduction	P. Bubar, NRC/FSME
4:15 pm	Summary and Wrap-up	C. Cameron/NRC
4:45 pm	Public Comments	All Participants

For further information contact:

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NRC Public Workshop 1 on Unique Waste Streams – Depleted Uranium

Participant List

Hyatt Regency Bethesda
One Bethesda Metro Center, 7400 Wisconsin Avenue
Bethesda, MD 20814
September 2-3, 2009

Name	Affiliation
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Priya Yadav	NRC/FSME
Larry Camper (Presenter, Panel Member)	NRC/FSME
Patrice Bubar (Panel Member)	NRC/FSME
Gregory Suber (Panel Member)	NRC/FSME
Jim Kennedy (Panel Member)	NRC/FSME
David Esh (Presenter, Panel Member)	NRC/FSME
Andrew Carrera (Presenter)	NRC/FSME
Karen Pinkston (Presenter, Panel Member)	NRC/FSME
Duncan White (Presenter, Panel Member)	NRC/FSME
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Brooke Traynham	NRC/FSME
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Enclosure 3
NRC Presentations