



UNITED STATES
NUCLEAR WASTE TECHNICAL REVIEW BOARD
2300 Clarendon Boulevard, Suite 1300
Arlington, VA 22201
703-235-4473

AGENDA

International Workshop on Siting of Radioactive Waste Facilities *August 29, 2023*

Snake River Event Center
780 Lindsay Blvd, Idaho Falls, ID 83402

<https://preconvirtual.com/nwtrb-gov-08-29-2023/>

Tuesday, August 29, 2023 (Pocatello Room)

- 8:00 a.m. MDT** **Call to Order and Introductory Statement**
Nathan Siu (Board Chair)
- 8:15 a.m. MDT** **Workshop Objectives and Board Perspectives on Siting of Radioactive Waste Facilities**
Bret Leslie (Board staff)
- 8:20 a.m. MDT** **Introduction to U.S. Department of Energy's (DOE) Consent-Based Approach to Siting One or More Federal Consolidated Interim Storage Facilities**
Natalia Saraeva [DOE, Office of Nuclear Energy (DOE-NE)]

QUESTIONS TO BE ADDRESSED BY EACH INTERNATIONAL SPEAKER:

- What factors led to the initiation of the siting process and how did the federal government participate in defining the siting process?
- How was the siting process developed and implemented?
- How did the siting process include decisionmakers and address the decisions that needed to be made to achieve an operating radioactive waste facility?
- What were the key scientific and technical issues that needed to be addressed?
- What were the siting criteria and when were they developed in relation to the siting process?
- What were the unanticipated challenges, problems, and developments that had implications to the siting program?
- What were the key components of the siting program, lessons learned during the siting process and keys to success?

- What were the elements of the program that led to success and are they transferable?
 - How did you define and assess whether the siting process was successful (e.g., degree of consent, community sentiment, etc.)?
 - What elements are most crucial in the consent process?

8:25 a.m. MDT **Siting of a Geologic Repository in Canada**
Lisa Frizzell (Nuclear Waste Management Organization, Canada)

8:45 a.m. MDT *Questions, discussion*

9:00 a.m. MDT **Siting of a Geologic Repository in Sweden**
Saida Engström (Sweden)

9:30 a.m. MDT *Questions, discussion*

9:40 a.m. MDT **Break**

9:50 a.m. MDT **Siting of a Geologic Repository in Switzerland**
Piet Zuidema (Zuidema Consult GmbH, Switzerland)

10:20 a.m. MDT *Questions, discussion*

10:30 a.m. MDT **United States Past Siting Experience, Focused on Monitored
 Retrievable Storage and the Nuclear Waste Negotiator**
Daniel Bullen [Defense Nuclear Facilities Safety Board (DNFSB) staff,
 United States]

TOPICS/QUESTIONS TO BE ADDRESSED:

Monitored Retrievable Storage and Nuclear Waste Negotiator effort

- A summary of the siting process.
- How did the siting process include decisionmakers and address the decisions that needed to be made to achieve an operating radioactive waste facility?
- What were the unanticipated challenges, problems, and developments that had implications to the siting program?
- What were the key components of the siting program, lessons learned during the siting process and keys to success or failure?

Other past siting efforts for repositories and storage facilities

- Summarize their status and any key broad lessons learned.

11:00 a.m. MDT *Questions, discussion*

11:10 a.m. MDT **Facilitated Panel Discussion**
 Panelists: *Piet Zuidema* (Zuidema Consult GmbH, Switzerland),
Saida Engström (Sweden), and *Daniel Bullen* (DNFSB, United States)
 Facilitator: *Bret Leslie* (Board staff)

11:55 a.m. MDT **Lunch Break (1 hour)**

12:55 p.m. MDT **Incorporating International Siting Best Practices and Lessons Learned**

Natalia Saraeva and Angelica Gheen (DOE-NE)

QUESTIONS TO BE ADDRESSED:

- How are you identifying international best practices and lessons learned (e.g., literature reviews, case studies, in-person interviews, etc.)?
- Which countries and types of facilities has DOE assessed and which does DOE plan to assess?
- What are the international siting best practices and lessons learned that you have identified and how are you determining their transferability to the United States (e.g., are the practices applicable for a situation where federal and state government and Tribal nations could be involved in decision-making)?
- Are the best practices and lessons learned solely focused on the siting process or do they also address the decision-making process that would be required to construct one or more federal interim storage facilities?

1:35 p.m. MDT *Questions, discussion*

1:55 p.m. MDT **Incorporating Domestic Best Practices and Lessons Learned**

Natalia Saraeva and Angelica Gheen (DOE-NE)

QUESTIONS TO BE ADDRESSED:

- How are you identifying domestic best practices and lessons learned (e.g., literature reviews, case studies, in-person interviews, etc.)?
- Which types of facilities has DOE assessed and which does DOE plan to assess?
- How is DOE addressing the different perceptions of risk for nuclear versus non-nuclear facilities in determining and implementing best practices and lessons learned?
- What are the best practices and lessons learned that you have identified?
- Are the best practices and lessons learned solely focused on the siting process or do they also address the decision-making process that would be required to construct one or more federal interim storage facilities?

2:30 p.m. MDT *Questions, discussion*

2:45 p.m. MDT **Break**

2:55 p.m. MDT **Using Best Practices and Lessons Learned in Environmental Justice**
Marissa Bell (DOE-NE)

QUESTIONS TO BE ADDRESSED:

- What is the definition of environmental justice that DOE is using?
- What are the best practices that DOE has identified that it plans to use?
- How are those best practices going to be integrated with existing tools and practices that DOE is using?
- What were the Tribal commenters' recommendations on the siting process?
- How is DOE implementing or planning to implement the Tribal recommendations on the siting process?
- How are DOE efforts addressing Tribal considerations?

3:30 p.m. MDT *Questions, discussion*

3:45 p.m. MDT **Closing Facilitated Panel Discussion on All Workshop Topics**
Panelists: *Piet Zuidema* (Zuidema Consult GmbH, Switzerland),
Saida Engström (Sweden), *Daniel Bullen* (DNFSB), *Natalia Saraeva*,
Marissa Bell, and *Juan Uribe* (DOE-NE)
Facilitator: *Bret Leslie* (Board staff)

4:45 p.m. MDT **Public Comments**

5:00 p.m. MDT **Adjourn Public Meeting and Begin Open House**

5:30 p.m. MDT **End of Open House**