



U.S. Nuclear Waste Technical Review Board

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U.S. Nuclear Waste Technical Review Board

Presented to:

Summer 2016 Board Meeting

Presented By:

Dr. Rodney C. Ewing, Chairman

About the Board



The U.S. Nuclear Waste Technical Review Board (Board) was established by Congress as an independent federal agency in the 1987 amendments to the Nuclear Waste Policy Act (NWPA).



About the Board



NATIONAL ACADEMY
OF SCIENCES



Eleven Board members:

- Candidates nominated by National Academy of Sciences solely on the basis of eminence and expertise
- Appointed by the President
- Serve part time for four-year, staggered terms

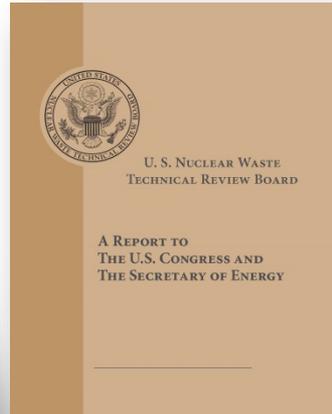
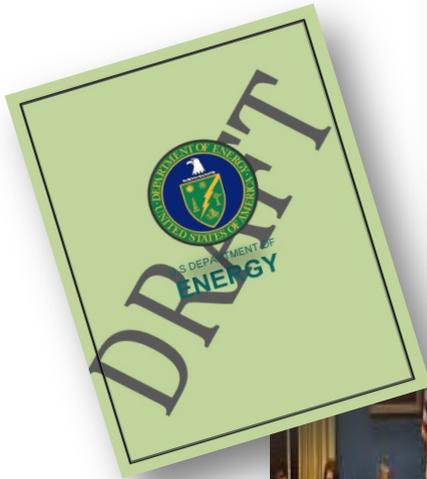


U.S. Nuclear Waste Technical Review Board

August 24, 2016

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About the Board



- Required to report its findings, conclusions, and recommendations to the U.S. Congress and the Secretary of Energy
- By law, has access to draft DOE documents – allows Board recommendations to be made during decision-making, not after the fact
- Provides congressional testimony at the invitation of Congress



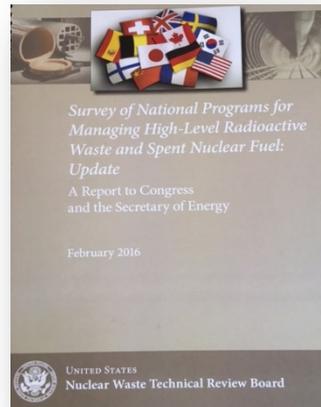
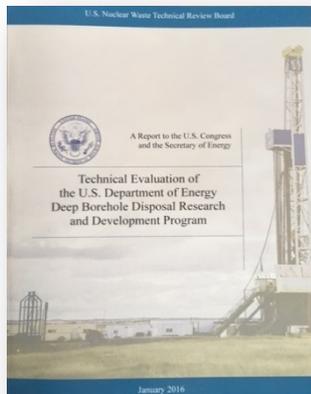
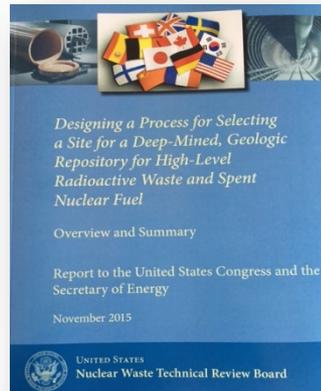
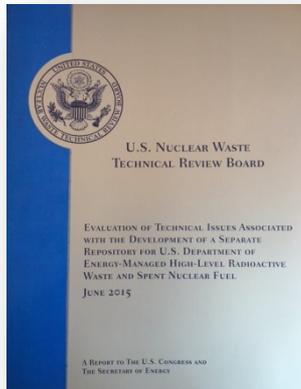
About the Board



- Holds public meetings, usually with DOE, several times per year in different geographic locations – meetings are typically webcast
- Provides technical and scientific comments in letters to DOE following public meetings
- Makes all official documents (meeting transcripts and materials, reports, correspondence, congressional testimony, etc.) available on its website: www.nwtrb.gov



Board Reports: 2015-2016



- *Evaluation of Technical Issues Associated with the Development of a Separate Repository for U.S. Department of Energy-Managed High-Level Radioactive Waste and Spent Nuclear Fuel – June 2015*
- *Designing a Process for Selecting a Site for a Deep-Mined, Geologic Repository for High-Level Radioactive Waste and Spent Nuclear Fuel – Overview and Summary; Detailed Analysis – November 2015*
- *Technical Evaluation of the U.S. Department of Energy Deep Borehole Disposal Research and Development Program – January 2016*
- *Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: Update – February 2016*



Board Members

- ❖ **Rodney C. Ewing, Ph.D., Chairman** – Stanford University
- ❖ **Jean Bahr, Ph.D.** – University of Wisconsin-Madison
- ❖ **Steven M. Becker, Ph.D.** – Old Dominion University (*not pictured*)
- ❖ **Susan L. Brantley, Ph.D.** – Pennsylvania State University
- ❖ **Allen G. Croff, MBA** – Vanderbilt University
- ❖ **Efi Foufoula-Georgiou, Ph.D.** – University of Minnesota
- ❖ **Gerald S. Frankel, Sc.D.** – The Ohio State University (*resigned August 2016*)
- ❖ **Linda K. Nozick, Ph.D.** – Cornell University
- ❖ **Kenneth Lee Peddicord, Ph.D.** – Texas A&M University
- ❖ **Paul J. Turinsky, Ph.D.** – North Carolina State University
- ❖ **Mary Lou Zoback, Ph.D.** – Stanford University

