



U.S. Nuclear Waste Technical Review Board

**NWTRB**  
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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

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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

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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

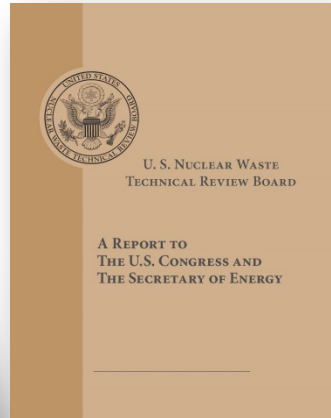
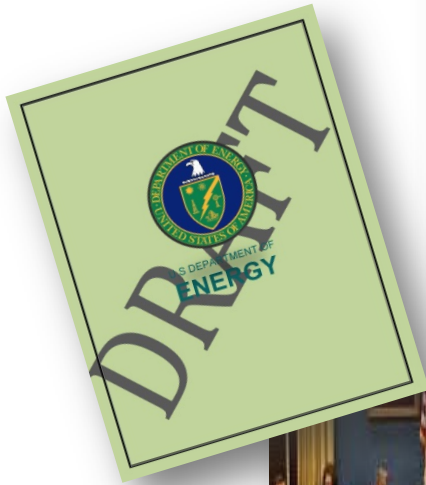


**U.S. Nuclear Waste Technical Review Board**

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



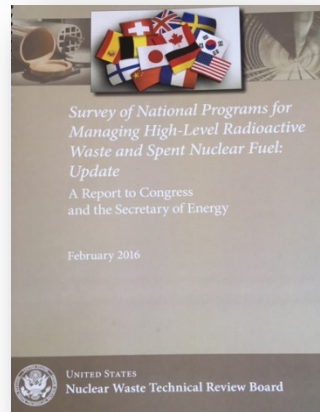
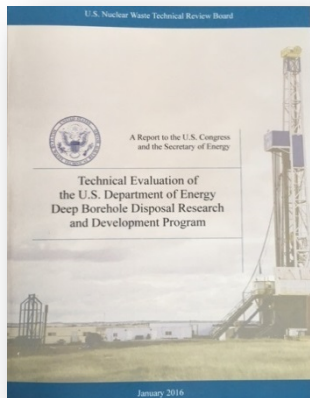
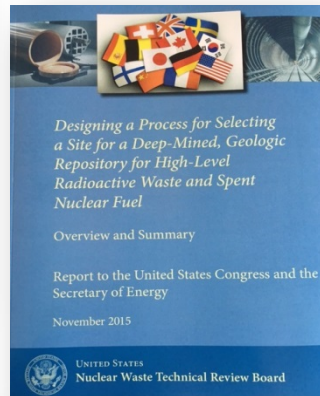
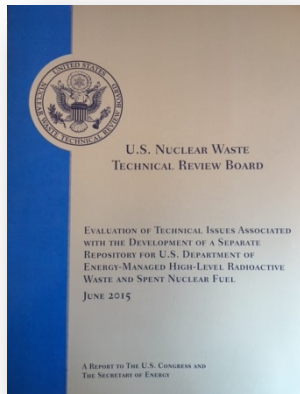
# About the Board



- 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](http://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

