



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

**AGENDA**  
**Wednesday November 20, 2013**

Embassy Suites Hotel  
1250 22<sup>nd</sup> Street, NW  
Washington, DC 20037  
202-857-3388

**Wednesday, November 20 (Ballroom)**

- 8:00 a.m.**                    **Call to Order and Introductory Statement**  
*Rod Ewing, Board Chairman*
- 8:15 a.m.**                    **Summary of Technical Workshop on Impacts of Dry-Storage  
Canister Designs on Future Handling, Storage, Transportation, and  
Geologic Disposal of Spent Nuclear Fuel in the United States**  
*Dr. Kenneth Lee Peddicord and Dr. Gerald Frankel, Board Members*
- 8:35 a.m.                    *Questions, discussion*
- 8:45 a.m.**                    **Overview of DOE Spent Fuel Storage and Transportation R&D  
Program**  
*Dr. William Boyle, Director, DOE Office of Used Nuclear Fuel  
Disposition Research and Development, Office of Nuclear Energy*
- 9:15 a.m.                    *Questions, discussion*
- 9:45 a.m.**                    **Ductile-to-Brittle Transition Temperatures for High-Burnup PWR  
Cladding Alloys**  
*Dr. Michael Billone, Senior Mechanical Engineer, Argonne National  
Laboratory*
- 10:15 a.m.                    *Questions, discussion*
- 10:30 a.m.**                    **Break**
- 10:45 a.m.**                    **Test Plan to Investigate Performance of Fuel Cladding and Storage  
Container Systems During Extended Storage of High-Burnup Fuel**  
*Dr. William Boyle, Director, DOE Office of Used Nuclear Fuel  
Disposition Research and Development, Office of Nuclear Energy*
- 11:15 a.m.                    *Questions, discussion*

- 11:30 a.m.**                    **Overview of DOE Material Recovery and Waste Form Development R&D**  
*Mr. Andrew Griffith*, Director, DOE Office of Fuel Cycle Research and Development, Office of Nuclear Energy
- 12:00 p.m.                    *Questions, discussion*
- 12:30 p.m.**                    **Lunch Break (1 hour 15 minutes)**
- 1:45 p.m.**                    **Overview of DOE Spent Fuel and HLW Disposal R&D Program**  
*Dr. William Boyle*, Director, DOE Office of Used Nuclear Fuel Disposition Research and Development, Office of Nuclear Energy
- 2:15 p.m.                    *Questions, discussion*
- 2:45 p.m.**                    **Inventory of Waste Form/Disposal Options Evaluation**  
*Dr. David Sassani*, Principal Member of Technical Staff, Sandia National Laboratories
- 3:15 p.m.                    *Questions, discussion*
- 3:30 p.m.**                    **Break**
- 3:45 p.m.**                    **Results of Waste Form/Disposal Options Evaluation**  
*Dr. Peter Swift*, National Technical Director, DOE Office of Nuclear Energy Used Fuel Disposition Campaign, Sandia National Laboratories
- 4:15 p.m.                    *Questions, discussion*
- 4:30 p.m.**                    **Integrating Standardization into the Nuclear Waste Management System**  
*Dr. Joshua Jarrell*, Research and Development Staff, Oak Ridge National Laboratory
- 5:00 p.m.                    *Questions, discussion*
- 5:15 p.m.**                    **Public Comments**
- 5:45 p.m.**                    **Adjourn Public Meeting**