

**Merits and Viability of Different Nuclear Fuel Cycles and Technology Options
and the Waste Aspects of Advanced Nuclear Reactors**

December 16, 2021

Virtual Meeting

PUBLIC AGENDA

Draft: November 30, 2021

WEBEX connection details for public session:

<https://nas-sec.webex.com/nas-sec/j.php?MTID=mc206975b7b355605ab825ca2ae01ed94>

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Thursday, December 16, 2021 (All times are ET.)

PUBLIC SESSION

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|----------------------------|---|
| 11:00 am – 11:05 am | Call Open PUBLIC SESSION to Order and Welcome
Janice Dunn Lee, Committee Chair, and Charles Ferguson, Study Director |
| 11:05 am – 11:35 am | Advanced Non-Light Water Reactors: Integrated Waste Management System Considerations
Mark Nutt , Ph.D., Deputy National Technical Director of the DOE-NE
Integrated Waste Management Program (confirmed) |
| 11:35 am – 12:00 pm | Q&A for Academies committee and staff |

12:00 pm – 12:10 pm **Public Comment Period**

12:10 pm **Adjourn Public Session**

Click [here](#) to access videos and presentations from additional meetings of the *Committee on Merits and Viability of Different Nuclear Fuel Cycles and Technology Options and the Waste Aspects of Advanced Nuclear Reactors*.

To learn more about additional studies and programs at the Nuclear and Radiation Studies Board, click [here](#).

Reading Materials

TBA

Presenter Biography

[Mark Nutt](#), Ph.D., Deputy National Technical Director of the DOE-NE Integrated Waste Management Program; he is at Pacific Northwest National Laboratory

Dr. Mark Nutt has over 25 years of experience in the management of spent nuclear fuel. He is currently the Deputy National Technical Director of the Integrated Waste Management program in DOE-NE's Office of Spent Fuel and Waste Disposition Program (SFWD), supporting the planning, coordinating, integrating, and managing a team comprised of national laboratories and contractors to support the DOE's efforts to implement and integrated waste management system for spent nuclear fuel and high-level nuclear waste. He is also serving as the U.S. representative and is the chairman of the International Atomic Energy Agency's Technical Working Group for Fuel Cycle Options and Spent Fuel Management. Dr. Nutt spent over nine years working on the DOE Yucca Mountain Project performing a variety of activities in support of DOE's efforts to develop a license application for submittal to the NRC for authorization to construct a geologic repository.