

Closing Plenary – Brief Summaries by Panel Members

Nick Irvin, Southern Nuclear
Jeff Latkowski, TerraPower
David LeBlanc, Terrestrial Energy
Per Peterson, UCB
Hongjie Xu, SINAP

Workshop on Molten Salt Reactor Technologies—

*Commemorating the 50th Anniversary of the Startup
of the MSRE: From the MSRE to a New Emerging
Class of Reactors 50 Years Later*

October 15–16, 2015

ORNL is managed by UT-Battelle
for the US Department of Energy



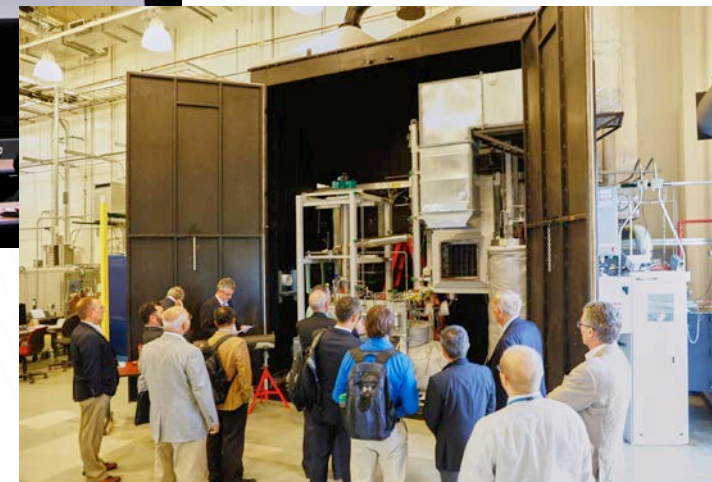
Workshop Highlights – Objectives met

1. Commemorate and acknowledge the 50th year anniversary of the startup of the Molten Salt Reactor Experiment reflecting back on the successful operations
2. Provide a forum for sharing information and status on several MSR-related initiatives, R&D programs, and international collaborations that have developed recently as renewed interest in MSRs has emerged



Workshop Highlights

- Attendance exceeded expectations
 - 135 attendees
 - 6 companies pursuing MSR designs
 - 3 utilities
 - DOE-NE, NRC, EPRI, NEI
 - 6 countries represented
 - Good mix of participants from private companies, national laboratories, and universities
- Many diverse designs at various levels of development
- Significant number of companies pursuing the technology



Common Next Steps for this Group?

- Can this group identify areas of agreement (and disagreement) relative to subsequent actions to support development and commercial deployment.
 - For example, common technical and non-technical issues to be pursued.

Questions for the Panel

- Recognizing that different designs have different R&D needs and priorities, **what are the top 3 (in priority order to the extent possible) R&D and/or technology development challenges/needs?**
- Similarly, **what are the top 3 (in priority order to the extent possible) non-technical challenges/needs?**
- Given that DOE-NE is currently performing a study regarding the needs for a materials test and/or demonstration reactor, **what are your views relative to the needs for a materials test and/or demonstration reactor to support development and commercial deployment of MSR?**
- **What specific actions should the different organizations be taking in the next 1-2 years to support development and commercial deployment of MSR?**



When

Wednesday February 10, 2016 at 9:00 AM EST

-to-

Thursday February 11, 2016 at 4:00 PM EST

 [Add to Calendar](#)

Where

Oak Ridge National Laboratory

1 Bethel Valley Road

Building 5200

Tennessee Rooms, 202A-C

Oak Ridge, TN 37830



[Driving Directions](#)

Hotel Information

Advanced Reactors Technical Summit III

Technology and Process Innovation in Advanced Reactors

Under the auspices of

U.S. Nuclear Infrastructure Council

and in conjunction with the

Oak Ridge National Laboratory

*A Special Technical Summit Focusing on
Advanced Reactors*

February, 10th-11th 2016

Oak Ridge National Laboratory

ORNL Conference Center

Oak Ridge, TN