

MSR Campaign Review and Planning FY 2022

Thursday, June 17, 2021

1:00 pm – 4:15 pm (EDT)

TEAMS Call

AGENDA

1:00 pm	Welcome	Patricia Paviet/PNNL
1:10 pm	Molten Salt Thermophysical /Thermochemical properties and database	Jake McMurray/ORNL
1:30 pm	High Quality Molten Salt Chemistry Measurement	Melissa Rose/ANL
1:40 pm	Spill test and sampling	Sara Thomas/ANL
1:55 pm	Sensors development	Joanna Mc Farlane/ORNL
2:05 pm	Salt loop and capability for testing sensors and off-gas components	Kevin Robb/ORNL
2:20 pm	Raman and FTIR sensor development for iodine species and tritium	Amanda Lines & Sam Bryan/PNNL
2:35 pm	Noble gas and aerosol Laser Induced Breakdown Spectroscopy (LIBS) -based sensors	Hunter Andrews/ORNL
2:50pm	Distributed salt chemistry monitoring and control	Nathaniel Hoyt/ANL
3:05 pm	Tritium permeation and modeling	Paul Humrickhouse/INL
3:20 pm	PIRT/Source Term	David Holcomb/ORNL
3:35 pm	Molten Salt Corrosion Studies of Structural Materials and Development of Mitigation Strategy Using Cladding Materials	Sam Sham/INL
3:50 pm	Graphite Salt Studies	Nidia Gallego/ORNL
4:00 pm	Q&A	ALL
4:15 pm	Adjourn	