

Gas-Cooled Reactor Fuels and Methods Program Review

May 8-9, 2018
Energy Innovation Laboratory
775 University Boulevard, Idaho Falls

May 8, 2018

8:30	Welcome and Introduction	Hans Gougar, INL
8:40	Department of Energy Nuclear Energy Perspectives	Alice Caponiti, DOE-NE
9:00	Advanced Gas Reactor Fuel Development and Qualification Program Overview	Paul Demkowicz, INL
9:20	AGR-2 PIE Overview	John Stempien, INL
9:50	<i>Break</i>	
10:10	AGR-2 PIE and Safety Testing at Oak Ridge National Laboratory	John Hunn, ORNL
10:50	AGR TRISO Fuel Advanced Microscopy	Isabella van Rooyen, INL
11:20	AGR-3/4 PIE: Fission Product Distribution Measurements	John Stempien, INL
11:50	<i>No Host Lunch</i>	
13:20	Fission Product Transport Models and Experimental Results	Paul Humrickhouse, INL
13:50	AGR-2 and AGR-3/4 Heating Test Results	John Stempien, INL
14:20	AGR-2 Particle and AGR-3/4 Compact Cross Section Analysis	John Stempien, INL
14:50	<i>Break</i>	
15:10	Long Duration Heating Tests for Fission Product Release	Tyler Gerczak, ORNL
15:40	AGR-5/6/7 Final Fuel Characterization Results	Douglas Marshall, INL
16:10	AGR-5/6/7 Irradiation Update	Joe Palmer, INL
1:40	AGR-5/6/7 R/B Analysis	Dawn Scates, INL
17:10	<i>Adjourn</i>	

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8:30	AGR Disposition Plan Update and Progress	Douglas Marshall, INL
8:50	High Temperature Testing of Surrogate Materials in Air and Moisture	Tyler Gerczak, ORNL
9:20	PARFUME – Modeling Updates	Bill Skerjanc, INL
9:50	<i>Break</i>	
10:05	Air/Moisture Ingress Furnace Development and Testing Plans	John Stempien, INL
10:35	NDMAS Data Management and Analysis Systems	Mitch Plummer, INL
11:05	Fuels Limited Scope Topical Report Update	Jim Kinsey, INL
11:25	Closing Remarks	Paul Demkowicz, INL
11:30	Lunch/Poster Session (Fuels and Methods)	DOE-Sponsored GCR Research Poster Session

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May 9, 2018

11:30	Lunch/Poster Session (Fuels and Methods)	DOE-Sponsored GCR Research Poster Session
1:00	Welcome/Introduction	Hans Gougar, INL
1:10	High Temperature Gas Reactor Methods Technical Program Plan	Hans Gougar, INL
1:30	Status of the OECD/NEA MHTGR-350 Benchmark	Javier Ortensi, INL
2:00	Overview of the IAEA CRP on HTGR Uncertainties – Phase I and II Results	Gerhard Strydom, INL
2:30	Water NSTF Readiness Status and Scheduled Testing Program	Darius Lisowski, ANL
3:00	High Temperature Test Facility Status and Related Activities	Paul Bayless, INL
3:30	CNWG Collaboration with Japan	Hans Gougar, INL
3:45	Very High-Temperature Reactor CMVB	Hans Gougar, INL