

FAST REACTOR WORKING GROUP (FRWG)/DOE FAST REACTOR WORKSHOP

HOSTED BY FRWG, DOE-NE GAIN AND ART PROGRAMS

ARGONNE NATIONAL LABORATORY
BUILDING 240, CONFERENCE ROOM 1416
JULY 9-10, 2019

July 9, 2019 – Day 1

11:30 AM	Arrive to Argonne Information Center for gate badge	
12:00 PM	Welcome and Logistics	Hill, ANL
12:15 PM	Industry Fast Reactor Working Group (identify participants, why FRWG exists)	DeWitte, Oklo
12:30 PM	DOE Advanced Reactor Activities and Programs	Robinson, DOE
13:00 PM	Industry Perspectives: Fast Reactor Prospects: Why fast reactors? Why now? What are R&D Needs? Ferroni (Westinghouse) Looney (General Electric) Schleicher (General Atomics) Briger (Hydromine)	Moderator: DeWitte, Oklo
14:00 PM	<i>Break</i>	
14:30 PM	Advanced Reactor (non-LWR) Licensing Update	Mazza, NRC
15:15 PM	Fast Reactor R&D Overview and Status Report	Hill, ANL
16:00 PM	Facility Tour METL, components testing	
18:00 PM	Hosted Reception Sponsored Chicago deep dish pizza and drinks Held at Giordano's, 641 Plainfield Road, Willowbrook, IL 60527	

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July 10, 2019 – Day 2

9:00 AM	Fast Reactor Modeling and Simulation DOE-NEAMS Program Industry TH modeling Industry Mod/Sim Needs Fast Reactor tools	Sofu (ANL) Everett (Oklo) Loewen (GE) Shemon (ANL)	Moderator:	Sofu, ANL
10:00 AM	Materials development with focus on new alloys SFR LFR GFR MSR	Li (ANL) Zhang (VTU) Schleicher (GA) Zhang (VTU)	Moderator:	Li, ANL
11:00 AM	<i>Break</i>			
11:30 AM	Fast Reactor Experience: Knowledge Preservation and Databases Example of FIPD database Example of Validation	Oaks, ANL Sumner, ANL	Sofu, ANL	
12:15 PM	Speaker - <i>Fast Reactor Politics</i>			Dickman, ANL
13:30 PM	Industry Perspectives: Fast Reactor Fuel Cycle – What strategies are being targeted? How to communicate benefits? non-proliferation concerns?	DeWitte (Oklo) Phiel (Elysium) Braun (ARC) Hejzlar (TerraPower) Bass (GE)	Moderator:	Hill, ANL
14:30 PM	Versatile Test Reactor (VTR) Update			Roglans, ANL
15:30 PM	Closing Remarks			DeWitte, Oklo Hill, ANL Robinson, DOE