

DOE-NRC Second Workshop on Advanced Non-LWR Reactors

Agenda

June 7-8th, 2016

Date: 6/7/2016	Time: 8:30 am to 5:00 pm
Location: Bethesda North Marriott Hotel and Conference Center	

Time	Topic	Speaker
8:30 am	Welcome and Logistics	DOE (C. Welling)
8:35 am	Opening remarks and objectives of the workshop	DOE (J. Kelly) NRC (J. Uhle)
8:55 am	Remarks on the development and deployment of advanced non-LWR reactor technologies (e.g., motivations, interest, challenges, opportunities)	NRC (Chairman S. Burns)
9:15 am	Strategies for Advanced non-LWR Development and Deployment <ul style="list-style-type: none"> • DOE Vision and Strategy for Development and Deployment of Advanced Reactors • NRC Vision and Strategy: Safely Achieving Effective and Efficient Non-Light Water Reactor Mission Readiness 	DOE (J. Kelly) NRC(J. Uhle)
10:20 am	Break	
10:40 am	Utility Perspective on Development and Regulatory Support for Advanced Reactors	Southern Company (S. Kuczynski)
11:00 am	Recent DOE Initiatives <ul style="list-style-type: none"> • Test/Demonstration Reactor Planning Study • Advanced Reactor Funding Opportunity Announcement (FOA) Selection Results • Gateway for Accelerated Innovation in Nuclear (GAIN) • ASME Section III Division 5 	DOE (T. O'Connor) DOE (B. Robinson) INL (K. Pasamehmetoglu) DOE(B. Corwin)
12:00 pm	Lunch	
1:15 pm	Recent NRC Initiatives <ul style="list-style-type: none"> • Regulatory Review Process Options for Advanced Non-Light Water Reactor Designs • CNSC Pre-Licensing Vendor Design Review Process • Advanced Non-Light Water Reactor Design Criteria • Licensing Novel Technologies under Existing Regulatory Framework 	NRC (D. Jackson) CNSC (D. Miller) NRC (J. Mazza) NRC (S. Lynch)
2:30 pm	Break	
2:45 pm	Industry Initiatives Panel <ul style="list-style-type: none"> • NEI Advanced Reactor Working Group • EPRI Gen IV Technical Advisory Group • NIC Advanced Reactors • Nuclear Innovation Alliance • Third Way 	NEI (E. Redmond) EPRI (A. Sowder) NIC (J. Merrifield) NIA (A. Finan) Third Way (J. Freed)
4:00 pm	Remarks on the development and deployment of advanced non-LWR reactor technologies (e.g., motivations, interest, challenges, opportunities)	DOE (Under Secretary Dr. F. Orr)

As of: 5/26/2016 1:59 PM

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4:20 pm	Open Discussion (including select answers to RIC advanced fuel related questions)	<i>All</i>
5:00 pm	Adjourn	

Date: 6/8/2016 **Time:** 8:30 am to 1:00 pm

Location: Bethesda North Marriott Hotel and Conference Center

Time	Topic	Speaker
8:30 am	Opening remarks and summary of Day 1 activities	<i>NRC (D. Jackson)</i>
8:35 am	Advanced Reactor Fuel Development and Qualification <ul style="list-style-type: none"> • Anticipated fuel types of advanced reactor concepts and known state of development. Example timeline for new fuel development and testing • Past and ongoing efforts in fuel development (EBR II, TRISO) • Current regulatory guidance on fuel system design • Fuel fabrication facility licensing 	<i>INL (J. Carmack)</i> <i>INL (D. Petti)</i> <i>NRC (J. Schmidt)</i> <i>NRC (K. Ramsey)</i>
10:00 am	Break	
10:15 am	Advanced Reactor Fuel Challenges Industry Panel <ul style="list-style-type: none"> • Potential challenges associated with using current regulatory framework • Industry efforts to address issues and challenges on licensing of concepts for new fuel designs • Industry approaches on fuel development and schedule 	<i>TerraPower (K. Weaver)</i> <i>GE (E. Loewen)</i> <i>BWXT(C. Richardson)</i> <i>Westinghouse (R. Baranwal)</i> <i>GA (T. Back)</i>
11:30 am	Open Discussion	<i>All</i>
12:00 pm	Summary and Path Forward <ul style="list-style-type: none"> • Specific actions, desired outcomes, parties involved, timetable • Potential topics for subsequent workshop(s) 	<i>DOE (C. Welling)</i> <i>NRC (D. Jackson)</i>
12:30 pm	Closing Remarks	<i>DOE (J. Kelly)</i> <i>NRC (J. Uhle)</i>
1:00 pm	Adjourn	