

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

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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	