

DOE-NRC Second Workshop on Advanced Non-LWR Reactors

Draft 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	<i>DOE</i>
8:35 am	Opening remarks and objectives of the workshop	<i>DOE and NRC</i>
8:55 am	Remarks on the development and deployment of advanced non-LWR reactor technologies (e.g., motivations, interest, challenges, opportunities)	<i>DOE and NRC</i>
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 Strategy	<i>DOE and NRC</i>
10:45 am	Break	
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	<i>DOE</i>
12:00 pm	Lunch	
1:15 pm	Recent NRC Initiatives <ul style="list-style-type: none">• CNSC Pre-Licensing Vendor Design Review Process• New Options for Regulatory Review of non-LWR Designs• Advanced Reactor Design Criteria – Draft Guidance• Licensing Novel Technologies under Existing Regulatory Framework	<i>NRC</i>
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	<i>Industry</i>
4:00 pm	Open Discussion (including select answers to RIC advanced fuel related questions)	<i>All</i>
5:00 pm	Adjourn	

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Time	Topic	Speaker
8:30 am	Opening remarks and summary of Day 1 activities	<i>NRC</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 testingPast and ongoing efforts in fuel Development (EBR II, TRISO)Current regulatory guidance on fuel system designFuel fabrication facility licensing (NRC)	<i>DOE and NRC</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 frameworkIndustry efforts to address issues and challenges on licensing of concepts for new fuel designsIndustry approaches on fuel development and schedule	<i>Industry</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 and NRC</i>
12:30 pm	Closing Remarks	<i>DOE and NRC</i>
1:00 pm	Adjourn	