



Global Nexus Initiative

Where Climate, Nuclear, and Security Meet

AGENDA

Next Generation Nuclear Power: Value and Challenges of Transitioning to Advanced Technologies

February 23, 2016

Loews Madison Hotel (Potomac Room)
1177 15th Street NW, Washington, D.C. 20005

9:00-9:30	Breakfast	
9:30-9:45	Opening Remarks	
	Kenneth Luongo, Partnership for Global Security Everett Redmond, Nuclear Energy Institute Chip Cameron, The Zero Gravity Group	
9:45-11:00	Status of Advanced Reactor Technology Development and Deployment	
Session 1	Presenter	Gary Mays , Advanced Reactor Systems and Safety Group, Oak Ridge National Laboratory
	This session will review prominent advanced reactor technologies under development in the U.S. and abroad; the key differences among existing nuclear reactors, small modular reactors, and advanced reactors; and the drivers behind advanced reactor development.	
11:00-11:15	Coffee Break	
11:15-12:30	Reactor Technology Development Challenges	
Session 2	Presenter	Christofer Mowry , Chairman & CEO, General Synfuels International and Nuclear Innovation Alliance Board Co-Chair
	This session will address the timeframes for developing reactor technology, the financial challenges of development, and the unique role of domestic and international private capital in reactor development.	
12:30-1:30	Lunch	



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1:30-2:45	Advanced Reactor Regulatory Regimes	
Session 3	Presenter	David Matthews , Nuclear Energy Consultants, Inc. and Former Director of the Division of New Reactor Licensing, Nuclear Regulatory Commission
	This session will discuss the development of regulatory regimes for advanced reactor concepts at both the Nuclear Regulatory Commission and international institutions, and potential changes to regulatory regimes that would facilitate timely reviews of new and innovative nuclear reactor concepts.	
2:45-4:00	Security Considerations for Advanced Reactor Development	
Session 4	Presenter	George Flanagan , Advanced Reactor Systems and Safety Group, Oak Ridge National Laboratory
	This session will discuss the implications of advanced reactor development for non-proliferation regimes and issues specific to non-light water reactor designs, and the implications for the international safeguards regime of a large increase in the number of operating reactors worldwide.	
4:00-4:15	Coffee Break	
4:15-5:15	Summary, Recommendations, and Next Steps	
Session 5	Presenter	Chip Cameron , The Zero Gravity Group
	This session will focus on identifying recommendations and key issues from the day's discussions to include in the next policy memo. Participants also will discuss the project's immediate next steps including videos, public events, and the next workshop.	
5:15-5:30	Closing Remarks	
	Kenneth Luongo , Partnership for Global Security Everett Redmond , Nuclear Energy Institute	
7:00-9:00	Dinner at Rural Society (Loews Madison Hotel, enter through lobby)	