



NRC NEWS

U.S. NUCLEAR REGULATORY COMMISSION

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NRC ADVISORY SUBCOMMITTEE ON ADVANCED REACTORS TO HOLD WORKSHOP IN ROCKVILLE, MARYLAND, ON JUNE 4 -5

The Subcommittee on Advanced Reactors of the Nuclear Regulatory Commission's Advisory Committee on Reactor Safeguards (ACRS) will conduct a workshop on June 4-5 in Rockville, Maryland, to discuss regulatory challenges for advanced nuclear power plants.

The workshop, which will be open to the public, will be held in the NRC Auditorium in the agency's Two White Flint North building, at 11545 Rockville Pike, beginning at 9 a.m. on June 4 and 8:30 a.m. on June 5. It will include presentations by NRC staff members, as well as Department of Energy and industry officials, panel discussions and participation by other attendees. The complete agenda is attached.

For more information contact Medhat El-Zeftawy, at 301-415-6889. ACRS meeting notices, transcripts and letters are available on the internet, at <http://www.nrc.gov/ACRSACNW/>.

ACRS Subcommittee Agenda

Monday, June 4

9:00 - 9:15 a.m. Introduction: G. Apostolakis and T. Kress

9:15 - 10:00 a.m. Keynote Address by NRC Commissioner Nils Diaz

10:00 - 10:15 a.m. Break

DOE Presentations

10:15 - 10:40 a.m. Overview and Introduction to Generation IV Initiative--- W. Magwood (DOE)

10:40 - 11:00 a.m. Generation IV Goals and Roadmap Effort--- R. Versluis (DOE)

11:00 - 11:25 a.m. Near-Term Deployment Efforts---T. Miller (DOE)

11:25 - 11:40 a.m. Generation IV Concepts--- R. Versluis (DOE)

11:40 - 12:00 noon. Next Steps Generation III+/IV--- S. Johnson (DOE)

Noon - 1:00 p.m. Lunch

Generation IV Design Concepts

1:00 - 1:45 p.m. Pebble Bed Modular Reactor
--- J. Muntz (Exelon)

1:45 - 2:30 p.m. International Reactor Innovative and Secure
---M. Carelli (Westinghouse)

2:30 - 3:15 p.m. General Atomic- Gas Turbine / Modular Helium Reactor --- L. Parme (General Atomics)

3:15 - 3:30 p.m. Break

3:30 - 4:15 p.m. General Electric-Advanced Liquid Metal

Reactor and ESBWR designs

--- C. Boardman (General Electric)

NRC Presentations

4:15 - 5.15 p.m. NRC Response to Commission direction on Evaluation of NRC Licensing Infrastructure (NRR/RES/NMSS)

---M. Gamberoni (NRC-NRR)

5:15 - 6:00 p.m. Planned RES Activities --- A. Thadani (NRC-RES)

6:00 - 7:00 p.m. Panel Discussion on Industry and NRC Licensing
Infrastructure Needed for Generation IV Reactors

Panelists

A. Thadani, NRC
S. Johnson, DOE
J. Muntz, Exelon
M. Carelli, Westinghouse
L. Parme, General Atomics
C. Boardman, General Electric

Tuesday, June 5

8:30 - 8:45 a.m. Introduction G. Apostolakis and T. Kress

8:45 - 9:30 a.m. NEI Advanced Reactors Initiatives
Address by R. Simard, NEI

9:30 - 4:00 p.m. Technical Presentations

9:30 - 10:30 a.m. Safety Goals for Future Nuclear Power Plants
--- (N. Todreas, MIT)

10:30 - 10:45 a.m. Break

10:45 - 11:45 a.m. Licensing by Test
---(A. Kadak, MIT)

11:45 - 12:45 p.m. NERI Project on Risk-Informed Regulation
---(G. Davis, Westinghouse and M. Golay, MIT)

12:45 - 2:00 p.m. LUNCH ---

2:00 - 3:00 p.m. Advanced Safety Concepts
---(C. Forsberg, ORNL)

3:00 - 4:00 p.m. Regulatory Framework for Future Nuclear
Power Plants--- (A. Heymer, NEI)

4:00 - 4:15 p.m. BREAK ---

4:15 - 6:30 p.m. ACRS and Panel Discussion with Audience Participation

The Most Important Regulatory Challenges for the Licensing
of Future Nuclear Power Plants

Panelists

N. Todreas, MIT

R. Barrett, NRR

E. Lyman, NCI

R. Simard, NEI

6:30 - 6:45 p.m.

Conclusions (Apostolakis, Kress, et al)

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