SCHEDULING NOTE

Title: BRIEFING ON ADVANCED REACTORS (Public Meeting)

Purpose: To provide the Commission with an update on the staff's activities

to prepare for effective and efficient reviews of advanced reactor applications and to provide stakeholder perspectives on advanced reactor development activities, including projected policy and

program issues that need to be resolved.

Scheduled: April 24, 2018

9:00 am

Duration: Approx. 3 hours

Location: Commissioners' Conference Room, 1st Fl. OWFN

Participants: Presentation

Panel 1 36 mins.*

Dr. John Herczeg, Deputy Assistant Secretary, for Nuclear Technology Research and Development, Department of Energy (DOE)

6 mins.*

Topic:

 DOE perspectives on advanced reactors, including DOE's vision/strategy for deployment

Dr. Rita Baranwal, Idaho National Laboratory, Director of the Gateway for Accelerated Innovation in Nuclear

6 mins.*

Topic:

Advanced nuclear technologies developmental efforts

Dr. Farshid Shahrokhi, Framatome Inc., Chair of the NEI High Temperature Gas-

6 mins.*

Cooled Reactor Technology Working Group

Topic:

 Activities of the NEI High Temperature Gas-Cooled Reactor Technology Working Group

Dr. Jacob DeWitte, Oklo Inc., Chair of the NEI Fast Reactor Working Group

6 mins.*

Topics:

Activities of the NEI Fast Reactor Working Group

Nick Irvin, Southern Company Services, NEI Molten Salt Reactor Technology Working Group

6 mins.*

Topic:

 Activities of the NEI Molten Salt Reactor Technology Working Group **Dr. Edwin Lyman**, Union of Concerned Scientists

6 mins.*

Topic:

 Perspectives on advanced reactor regulatory and policy issues

Commission Q & A

30 mins.

Break 5 mins.

Panel 2 40 mins.*

Victor McCree, Executive Director for Operations

Fred Brown, Acting Director, Office of New Reactors (NRO)

Topic:

 Overview of staff accomplishments and challenges to prepare for efficient and effective review of advanced reactor applications

John Monninger, Director, Division of Systems Safety, Risk Assessment, and Advanced Reactors, NRO

Topic:

An update on ongoing and planned activities to ensure readiness to efficiently and effectively review advanced reactor applications

Stephen Bajorek, Senior Level Advisor for Thermal Hydraulic Code Development and Analysis, Division of Systems Analysis, Office of Nuclear Regulatory Research

Topic:

 Identification, assessment, and enhancement of analytical computer codes, tools, and industry codes and standards for confirming advanced reactor safety

Brian Smith, Deputy Director, Division of Fuel Cycle Safety, Safeguards And Environmental Review, Office of Nuclear Material Safety and Safeguards

Topic:

 Fuel cycle considerations for advanced reactor applications, including fuel development

Commission Q & A 30 mins.

Discussion - Wrap-Up

5 mins.

*For presentation only and does not include time for Commission Q & As