



SECRETARY

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 15, 2018

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

Dear Dr. Baranwal:

The U.S. Nuclear Regulatory Commission (NRC) is pleased that you will participate in a public Commission briefing on advanced reactors, on April 24, 2018, at 9:00 a.m. The Commission is interested in hearing about advanced nuclear technologies developmental efforts. The meeting will be held in the Commissioners' Conference Room on the first floor of the NRC's Headquarters building at One White Flint North, Rockville, Maryland. I am enclosing a copy of the meeting agenda for your information. My staff will keep you informed of any updates to the agenda.

To assist the Commission in preparing for the meeting, please e-mail any written material, including slides, to Ms. Denise McGovern (Denise.McGovern@nrc.org) and Ms. Pamela Shea (Pamela.Shea@nrc.gov) in the Office of the Secretary, by **April 17, 2018**, so that it can be distributed to the Commission for review in advance of the meeting. PowerPoint is the preferred format, but other electronic presentation formats may be used. This Commission meeting will be webcast live at the Web address: www.nrc.gov, and materials provided for the meeting will be posted on the NRC public website prior to the meeting: <http://www.nrc.gov/reading-rm/doc-collections/commission/tr/>. If you have any questions, please contact Ms. McGovern at 301-415-0681.

Your presentation at the Commission meeting should be based on the assumption that Commissioners are familiar with the content of your written material. Please plan your oral presentation for about six (6) minutes, discussing the important points on which you wish to focus the Commission's attention. Please avoid the use of acronyms where possible. If you do use acronyms, please explain them during your presentation.

The NRC Headquarters building is located opposite the White Flint Metro Station on Rockville Pike and Marinelli Drive, Rockville, Maryland. The White Flint Metro Station is on the Red Line of the Washington area subway system. Reserved visitor parking for Commission guests is available. If you wish to use reserved parking, please notify Ms. McGovern in advance. If reserved parking has been arranged, please check-in with the security staff at the entrance to the NRC campus on Marinelli Drive when you arrive. A Security Guard will call for an escort.

Please note that visitors will be screened through metal detectors, will have their packages X-rayed, and will be required to present a picture identification card prior to signing in at the registration desk.

Sincerely,



Annette L. Vietti-Cook

Enclosures:
Draft Agenda

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-Cooled Reactor Technology Working Group 6 mins.*

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

Nicholas Smith, Southern Company Services, Chair of the NEI Molten Salt Reactor Technology Working Group [Not Confirmed] 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

50 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

50 mins.

Discussion – Wrap-Up

5 mins.

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

Documents:

Slides due to NRC: **April 17, 2018**