



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

SECRETARY

December 30, 2019

Mr. Amir Afzali
Policy and Licensing Director
Next Generation Reactors, Southern Company Services

Dear Mr. Afzali,

The U.S. Nuclear Regulatory Commission (NRC) is pleased that you will participate in a public Commission briefing on Advanced Reactors and New Reactor Topics, on February 6, 2020, at 9:00 a.m. The Commission is interested in hearing about the Licensing Modernization Project and its efforts to develop technology-inclusive, risk-informed, and performance-based guidance for licensing advanced reactors and any insights and lessons-learned from pilot applications. 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 Denise McGovern (Denise.McGovern@nrc.gov) and Sergio Gonzalez (Sergio.Gonzalez@nrc.gov) in the Office of the Secretary, by **January 30, 2020**, 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 ten (10) 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,

A handwritten signature in black ink, appearing to read "Annette Vietti-Cook". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Annette L. Vietti-Cook

Enclosures:
Agenda

AGENDA

Title: **BRIEFING ON ADVANCED REACTORS AND NEW REACTOR TOPICS (Public)**

Purpose: To provide the Commission with an update on (1) NRC's efforts to modernize and risk-inform regulatory processes to effectively and efficiently license advanced reactors, (2) the NRC's efforts to complete the regulatory readiness activities under the Nuclear Energy Innovation and Modernization Act (3) Vogtle project activities, and (4) stakeholder perspectives on advanced reactor industry initiatives and NRC developmental activities, including potential policy and program challenges.

Scheduled: **February 6, 2020**
9:00 a.m.

Duration: Approx. 3 hours

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

Participants:	Presentation
<u>Panel 1 – External Stakeholders</u>	40 mins.*
Dr. Rita Baranwal , Assistant Secretary for the Office of Nuclear Energy, U.S. Department of Energy <u>Topic:</u> <ul style="list-style-type: none">• DOE perspectives on advanced reactor development, including Development and application of technology-inclusive, risk-informed, and performance-based methodologies	10 mins.*
Doug True , Chief Nuclear Officer and Senior Vice President, Nuclear Energy Institute <u>Topic:</u> <ul style="list-style-type: none">• Nuclear industry initiatives and priorities to support advanced reactor deployment including efforts on micro-reactors• Status of NEI advanced reactor technology work groups (high temperature gas, fast reactors and molten salt reactors)	10 mins.*
Amir Afzali , Policy and Licensing Director - Next Generation Reactors, Southern Company Services <u>Topic:</u> <ul style="list-style-type: none">• Licensing Modernization Project efforts to develop technology-inclusive, risk-informed, and performance-based guidance for licensing advanced reactors• Insights and lessons-learned from pilot applications	10 mins.*

Edwin Lyman, Acting Director, Nuclear Safety Project, Union of Concerned Scientists 10 mins.*

Topic:

- Stakeholder perspectives on advanced reactor regulatory and policy issues

Commission Q & A 40 mins.

Break 5 mins.

Panel 2 - NRC Staff 40 mins.*

Margaret Doane, Executive Director for Operations

Topic:

- Opening Remarks

Robert Taylor, Deputy Director for New Reactors, NRR

Topic:

- Vision and direction for regulatory reviews of advanced reactors, key opportunities and challenges, and coordination with federal agencies and external stakeholders

Mike King, Director, Vogtle Project Office, NRR

Topic:

- Vogtle project activities

John Monninger, Director, Division of Advanced Reactors and Non-Power Production and Utilization Facilities, NRR

Topic:

- Licensing Modernization Project
 - Endorsement of guidance for a technology-neutral, risk-informed, and performance-based approach to licensing, and activities to meet NEIMA requirements

Ben Beasley, Branch Chief, Advanced Reactor Licensing Branch, Division of Advanced Reactors and Non-Power Production and Utilization Facilities, NRR

Topic:

- Overview of readiness to review license applications, status of applications, and development of safety and environmental review regulatory guidance

Commission Q & A 40 mins.

Discussion – Wrap-up 5 mins.

* For presentation only and does not include time for Commission Q & A's

Documents:

- Slides due to NRC: January 30, 2020