



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

SECRETARY

June 16, 2022

Peter Hastings
Vice President
Regulatory Affairs & Quality
Kairos Power

Dear Mr. Hastings,

The U.S. Nuclear Regulatory Commission (NRC) is pleased that you will participate in a public Commission briefing on 10 CFR Part 53, Licensing and Regulations of Advanced Nuclear Reactors on Thursday, July 21, 2022, at 9:00 a.m. Eastern Time. The Commission is interested to hear your thoughts on the development of the rule.

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 Wesley Held (Wesley.Held@nrc.gov), and Monika Coflin (Monika.Coflin@nrc.gov) in the NRC's Office of the Secretary, by **July 14, 2022**, 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: <https://video.nrc.gov/>, and materials provided for the meeting will be posted on the NRC public Web site prior to the meeting: <http://www.nrc.gov/reading-rm/doc-collections/commission/tr/>.

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 8 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. Following the presentations from all the members of the panel, the Commission will engage the panelists in dialogue on the topics.

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 Mr. Held 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.

P. Hastings

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If you have any questions, please contact Mr. Held at 301-287-3591.

Sincerely,

Brooke P. Clark

Enclosure:
Agenda

AGENDA

Title: UPDATE ON 10 CFR PART 53 LICENSING AND REGULATION OF ADVANCED NUCLEAR REACTORS (PUBLIC MEETING)

Purpose: Update on the development of 10 CFR Part 53 and consideration of external stakeholders' views on the rule

Scheduled: **July 21, 2022**
9:00 am – 12:30 pm

Duration: Approximately 3.5 hours

Location: Commissioners' Conference Room, 1st floor OWFN

External Panel **56 mins.***

Doug True, Senior Vice President and Chief Nuclear Officer of Generation and Suppliers Division, Nuclear Energy Institute (NEI) 8 min.

Topic:

- NEI Perspectives on Part 53

Michelle Catts, Senior Vice President, GE Hitachi Nuclear Energy (GEH) 8 min.

Topic:

- Vendor Perspectives on Part 53 and International Market Considerations

Peter Hastings, Vice President, Regulatory Affairs & Quality, Kairos Power 8 min.

Topic:

- Vendor Perspectives on Part 53 and International Market Considerations

Dr. Rita Baranwal, Chief Technology Officer, Westinghouse Electric Company 8 min.

Topic:

- Vendor Perspectives on Part 53 and Microreactor Considerations

Greg Cullen, Vice President for Energy Services and Development, Energy Northwest 8 min.

Topic:

- Owner/Operator Perspectives on Part 53

Dr. Ed Lyman, Director of Nuclear Power Safety, Union of Concerned Scientists (UCS) 8 min.

Topic:

- UCS Perspectives on Part 53

Jeffrey Semancik, Director, Radiation Division, Connecticut Department of Energy and Environmental Protection 8 min.

Topic:

- State Perspectives on Part 53

Commission Q & A 50 mins.

Break 5 mins.

NRC Staff 35 mins.*

Darrell Roberts, Deputy Executive Director for Reactor and Preparedness Programs

Topic:

- Introduction

Robert Taylor, Deputy Director, Office of Nuclear Reactor Regulation (NRR)

Topic:

- Development of Rule Language

Mohamed Shams, Director, Division of Advanced Reactors and Non-Power Production and Utilization Facilities, NRR

Topics:

- Current Status of Rulemaking Package
- Overview of Stakeholder Engagement

Steven Lynch, Senior Project Manager, Division of Advanced Reactors and Non-Power Production and Utilization Facilities, NRR

Topic:

- Risk-Informed Licensing Approaches in Part 53

Lauren Nist, Branch Chief, Operator Licensing and Human Factors Branch, Division of Reactor Oversight, NRR

Topic:

- Staffing Flexibility in Part 53

Tony Bowers, Branch Chief, Reactor Security Branch, Division of Physical and Cyber Security Policy, Office of Nuclear Security and Incident Response

Topic:

- Fitness for Duty and Access Authorization Framework

Commission Q & A

50 mins.

Discussion – Wrap-Up

5 mins.

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

Documents:

Slides due: July 14, 2022