

## **NUCLEAR REGULATORY COMMISSION**

### **704<sup>th</sup> Meeting of the Advisory Committee on Reactor Safeguards (ACRS)**

In accordance with the purposes of Sections 29 and 182b of the Atomic Energy Act (42 U.S.C. 2039, 2232(b)), the Advisory Committee on Reactor Safeguards (ACRS) will hold meetings on April 5-7, 2023. The Committee will be conducting meetings that will include some Members being physically present at the NRC while other Members participate remotely. Interested members of the public are encouraged to participate remotely in any open sessions via MS Teams or via phone at 301-576-2978, passcode **247527668#**. A more detailed agenda including the MSTeams link may be found at the ACRS public website at <https://www.nrc.gov/reading-rm/doc-collections/acrs/agenda/index.html>. If you would like the MSTeams link forwarded to you, please contact the Designated Federal Officer as follows: [Quynh.Nguyen@nrc.gov](mailto:Quynh.Nguyen@nrc.gov), or [Lawrence.Burkhart@nrc.gov](mailto:Lawrence.Burkhart@nrc.gov)

#### **WEDNESDAY, APRIL 5, 2023**

8:30 AM – 8:35 AM: Opening Remarks by the ACRS Chairman (Open)—The ACRS Chairman will make opening remarks regarding the conduct of the meeting.

8:35 AM – 1:00 PM: International Outreach Activities/ACRS Retreat Follow-up Items: Design Reviews, Topical Report Reviews, Committee Work Methods (Open)—The Committee will have discussions and deliberate regarding the subject topic.

1:00 PM – 5:00 PM: Roadmap of Digital Instrumentation and Controls Regulatory Requirements, Industry and Staff Guidance/Commission Meeting Preparation (Open)—The Committee will have presentation and discussion with representatives from the NRC

staff regarding the subject topic. The Committee will deliberate, continue its discussion of proposed ACRS reports and preparation of upcoming Commission meeting.

**THURSDAY, APRIL 6, 2023**

8:30 AM – 1:00 PM: Kairos Topics Discussion/Planning and Procedures

Session/International Outreach Activities/Future ACRS Activities/Reconciliation of ACRS

Comments and Recommendations/Preparation of Reports/Commission Meeting

Preparation (Open/Closed)—The Committee will have discussion with representatives from the NRC staff regarding the subject topic. The Committee will hear discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the Full Committee during future ACRS meetings, and/or proceed to preparation of reports as determined by the Chairman and preparation of upcoming Commission meeting. **[NOTE: Pursuant to 5 U.S.C. 552b(c)(2), a portion of this session may be closed to discuss organizational and personnel matters that relate solely to internal personnel rules and practices of the ACRS.]**

**[NOTE: Pursuant to 5 U.S.C 552b(c)(4), a portion of this session may be closed to discuss and protect information designated as proprietary.]**

1:00 PM – 6:00 PM: Terrapower Sodium Reactor Design Overview and Digital Twin

Walkthrough (Open/Closed)—The Committee will have presentation and discussion with representatives from Terrapower and NRC staff regarding the subject topic.

**[NOTE: Pursuant to 5 U.S.C 552b(c)(4), a portion of this session may be closed to discuss and protect information designated as proprietary.]**

**FRIDAY, APRIL 7, 2023**

8:30 AM – 1:00 PM: Kairos Topics Discussion/Planning and Procedures Session

Continued/International Outreach Activities/Future ACRS Activities/Reconciliation of

ACRS Comments and Recommendations/Preparation of Reports/Commission Meeting

Preparation (Open/Closed)—The Committee will have discussion with representatives

from the NRC staff regarding the subject topic. The Committee will hear discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the Full Committee during future ACRS meetings, and/or proceed to preparation of reports as determined by the Chairman and preparation of upcoming Commission meeting. **[NOTE: Pursuant to 5 U.S.C. 552b(c)(2), a portion of this session may be closed to discuss organizational and personnel matters that relate solely to internal personnel rules and practices of the ACRS.]**

**[NOTE: Pursuant to 5 U.S.C 552b(c)(4), a portion of this session may be closed to discuss and protect information designated as proprietary.]**

1:00 PM – 6:00 PM: Preparation of Reports/Commission Meeting Preparation

(Open/Closed)—The Committee will continue its discussion of proposed ACRS reports and preparation of upcoming Commission meeting. **[NOTE: Pursuant to 5 U.S.C 552b(c)(4), a portion of this session may be closed to discuss and protect information designated as proprietary.]**

Procedures for the conduct of and participation in ACRS meetings were published in the *Federal Register* on June 13, 2019 (84 FR 27662). In accordance with those procedures, oral or written views may be presented by members of the public, including representatives of the nuclear industry. Persons desiring to make oral statements should notify Quynh Nguyen, Cognizant ACRS Staff and the Designated Federal Officer (DFO) (Telephone: 301-415-5844, E-mail: [Quynh.Nguyen@nrc.gov](mailto:Quynh.Nguyen@nrc.gov)), 5 days before the meeting, if possible, so that appropriate arrangements can be made to allow necessary time during the meeting for such statements. In view of the possibility that the schedule for ACRS meetings may be adjusted by the Chairman as necessary to facilitate the conduct of the meeting, persons planning to attend should check with the cognizant ACRS staff if such rescheduling would result in major inconvenience.

An electronic copy of each presentation should be emailed to the cognizant

ACRS staff at least one day before the meeting.

In accordance with Subsection 10(d) of Public Law 92-463 and 5 U.S.C. 552b(c), certain portions of this meeting may be closed, as specifically noted above. Use of still, motion picture, and television cameras during the meeting may be limited to selected portions of the meeting as determined by the Chairman. Electronic recordings will be permitted only during the open portions of the meeting.

ACRS meeting agendas, meeting transcripts, and letter reports are available through the NRC Public Document Room (PDR) at [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov), or by calling the PDR at 1-800-397-4209, or from the Publicly Available Records System component of NRC's Agencywide Documents Access and Management System, which is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> or <http://www.nrc.gov/reading-rm/doc-collections/#ACRS/>

Dated: March 6, 2023

**Russell E. Chazell,**

Federal Advisory Committee Management Officer,

Office of the Secretary.