



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, DC 20555 - 0001**

December 30, 2024

MEMORANDUM TO: Marissa G. Bailey, Executive Director
Advisory Committee on Reactor Safeguards

FROM: Walter L. Kirchner, Chair *Walter L. Kirchner* Signed by Kirchner, Walter
Advisory Committee on Reactor Safeguards on 12/30/24

SUBJECT: MINUTES OF THE 720th MEETING OF THE ADVISORY
COMMITTEE ON REACTOR SAFEGUARDS,
NOVEMBER 6-8, 2024

I hereby certify, to the best of my knowledge and belief, that the minutes of the subject meeting are an accurate record of the proceedings for that meeting. In accordance with Title 10 of the *Code of Federal Regulations*, Part 7, "ADVISORY COMMITTEES," Section 7.13, "Minutes of advisory committee meetings," the enclosure of this memo serves as the certified minutes.

Enclosure:

720th ACRS Meeting Minutes

cc: Russell Chazell, SECY
Doris Lewis, OEDO
ACRS staff
ACRS members

CONTACT: L. Burkhart, ACRS
301-287-3775



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Accession No: **ML24365A088** Publicly Available (Y/N): Y Sensitive (Y/N): N
If Sensitive, which category?

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|---------------|------------|-------------------|------------|------------|
| OFFICE | ACRS | ACRS/SUNSI Review | ACRS | ACRS |
| NAME | WWang(WW) | WWang(WW) | LBurkhart | WKirchner |
| DATE | 12/30/2024 | 12/30/2024 | 12/30/2024 | 12/30/2024 |

OFFICIAL RECORD COPY

MINUTES OF THE 720th MEETING OF THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

In accordance with Title 10 of the *Code of Federal Regulations*, Part 7, "ADVISORY COMMITTEES," Section 7.13, "Minutes of advisory committee meetings," this document serves as the certified minutes.

The 720th meeting of the Advisory Committee on Reactor Safeguards (ACRS) was conducted in person and virtually on November 6-8, 2024.

The summary report from the ACRS Chairman to the U.S. Nuclear Regulatory Commission (NRC) Chairman contains the following information for this meeting: (1) an accurate description of each matter discussed and (2) a list of all the documents issued or approved by the Committee.

A transcript of selected portions of the meeting is available in the NRC's public document room (pdf.resource@nrc.gov or 1-800-397-4209), or from the Publicly Available Records System (PARS) component of the NRC's document system (ADAMS), or at <http://www.nrc.gov/reading-rm/doc-collections/acrs/agenda>. The transcript along with the list of attendees provides information on the level of public attendance and participation.

Details of the meeting information can be found in the following documents:

1. Full committee meeting agenda (ML24277A127)
2. Summary report (ML24346A120)
3. Transcript (ML24331A143 and ML24331A156)

ACRS MEETING ATTENDEES

ACRS Members

Dr. Walter Kirchner (Chair), Mr. Gregory Halnon (Vice-Chair), Dr. David Petti (Member-at-Large), Dr. Ronald Ballinger, Dr. Vesna Dimitrijevic, Dr. Vicki Bier, Dr. Robert Martin, Mr. Thomas Roberts, Dr. Craig Harrington, and Dr. Scott Palmtag.

ACRS Consultants

Dr. Dennis Bley
Dr. Stephen Schultz
Mr. Charles Brown

ACRS Staff

A. Torres
T. Bush
Z. Abdullahi
C. Antonescu
T. Dashiell
A. Bellinger
C. Brown
L. Burkhart

M. Bailey
R. Krsek
S. Walton
S. Moore
Q. Nguyen
H. Nourbakhsh
J. Riner
M. Compton
M. Snodderly
T. Skov
D. Widmayer
S. Walker
W. Wang

The Appendix lists additional meeting attendees from sign-in sheet and MS Teams.

APPENDIX: ADDITIONAL ATTENDEES

Sign-in sheet:

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
720th FULL COMMITTEE MEETING
November 6-8, 2024

| | NAME | ORGANIZATION |
|---|-----------------|---|
| 1 | Pam Franchise | Nuclear ROSE Consulting for Radiant (Radiant) 7 |
| 2 | IAN GIFFORD | TERRAPOWER |
| 3 | Chris Courtenay | TerraPower |
| 4 | Michelle Hart | NRC/DIRR |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |

Attendees from MS Teams Download:

| |
|---|
| Adam Stein (Unverified) |
| Alex Prada |
| Alexandra Terres (She/Her/Hers) |
| Alissa Neuhausen |
| Angelica Gheen (She/Her/Hers) |
| Anthony Jones (He/Him/His) |
| Ashley Smith |
| Bergman, Jana (Unverified) |
| Beth Reed |
| Bradley Stamler |
| Brian Johnson (TerraPower) (Unverified) |
| Candace de Messieres |
| Caty Nolan (She/Her) |
| Charles Murray |
| Chris Courtenay (TerraPower) (Unverified) |
| Chris Forrest (TP) (Unverified) |
| Christopher Paul Chwasz (External) |
| Christopher Regan |
| Dan - NANO Nuclear (Unverified) |

| |
|--|
| Daniel Lamb - Nano Nuclear Energy (Unverified) |
| Devin Bradshaw |
| Diane Jackson (She/Her) |
| Dinesh Taneja |
| Donald Palmrose |
| Edward Stutzcage |
| Edwin Lyman (Unverified) |
| Elijah Dickson |
| Emma Duncan |
| Empey, Michael |
| Eric Benner |
| Eric Schrader |
| Ethan Tievy |
| FACEMIRE, Jon |
| Gardner, Shane (GE Vernova) (Unverified) |
| Grace Pennington (She/They) |
| Greg Oberson (He/Him) |
| Howard Benowitz |
| Ian Gifford (Unverified) |
| Ian Jung |
| Ismael Garcia |
| Jackie Harvey |
| Jackson Barth (He/Him) |
| James Cordes - Court Reporter (Unverified) |
| Jamole Skeeter |
| Jared Nadel |
| Jason Albert Christensen (External) |
| Jeffrey Herrera |
| Jesse Carlson |
| Jesse Seymour |
| Jessie Quichocho |
| John Biersdorf (Unverified) |
| John Hughey |
| Jonathan Fiske |
| Josh Borromeo |
| Josh Rhodes (He/Him) |
| Joy Jiang (Unverified) |
| Kalene Walker (Unverified) |
| Katie Wagner |
| Kayla Gamin |
| Keith Miller |
| Kenneth Armstrong |
| Kenneth Mott |
| Kim Lawson-Jenkins |

| |
|---|
| KLEIN, Spencer |
| Kobe Oley (He/Him/His) |
| Mallecia Sutton |
| Marshall Buroff (Unverified) |
| Marty Stutzke |
| Mary Richmond |
| Michael Balazik |
| Michael Brown |
| Michelle Hart |
| Nadir Chaudhry (He/Him) |
| Naeem Iqbal |
| Nicholas Difrancesco |
| Nick Kellenberger (TerraPower) (Unverified) |
| Norbert Carte |
| Norwood, Michael (GE Vernova, consultant) (Unverified) |
| OLeary, Sean |
| Pearson, Eric (GE Vernova) (Unverified) |
| Peyton Doub |
| Phil OBryan |
| Rachel Qian (She/Her) |
| Rebecca Ober |
| Robert Elliott |
| Rodney Fanner |
| Ryan Alexander |
| Sam Cohen (He/Him) |
| Samir Darbali |
| Schoedel, Anthony J |
| Shyrl Coker |
| Spencer Toohill (Unverified) |
| Stephanie Devlin-Gill (She/Her) |
| Stephanie Roche Rivera |
| Tammie Rivera |
| Ted Smith |
| Tim Marshall |
| Tina Ghosh |
| Tracy Radel (She/Her) |
| Warden, Matthew (GE Vernova) (Unverified) |
| William Kennedy |
| Zach Gran |