




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

May 19, 2022

MEMORANDUM TO: Scott W. Moore, Executive Director
Advisory Committee on Reactor Safeguards

FROM: Joy L. Rempe, Chairman  Signed by Rempe, Joy
Advisory Committee on Reactor Safeguards on 05/19/22

SUBJECT: MINUTES OF THE 694th MEETING OF THE ADVISORY
COMMITTEE ON REACTOR SAFEGUARDS (ACRS),
APRIL 6 - 8, 2022

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:

694th ACRS Meeting Minutes

cc: Russell Chazell, SECY
Dante Johnson, OEDO
Desiree Davis, OEDO
ACRS staff
ACRS members

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



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If Sensitive, which category?

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OFFICE	ACRS	ACRS/SUNSI Review	ACRS	ACRS
NAME	WWang(WW)	WWang(WW)	LBurkhart(LB)	JRempe(JR)
DATE	5/19/2022	5/19/2022	5/19/2022	5/19/2022

OFFICIAL RECORD COPY

MINUTES OF THE 694th 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 694th meeting of the Advisory Committee on Reactor Safeguards (ACRS) was conducted in person and virtually during the Agency's re-entry program on April 6 - 8, 2022.

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. The presentation slides used during the meeting are attached to these transcripts.

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

1. Full committee meeting agenda (ML22053A246)
2. Summary report (ML22123A215)
3. Transcript (ML22132A149 and ML22132A158)

ACRS MEETING ATTENDEES

ACRS Members

Dr. Joy Rempe (Chairman), Dr. Walter Kirchner (Vice-Chairman), Dr. David Petti (Member-at-Large), Mr. Matthew Sunseri, Dr. Ronald Ballinger, Mr. Charles Brown, Dr. Vesna Dimitrijevic, Dr. Jose March-Leuba, Dr. Vicki Bier, and Mr. Gregory Halnon

ACRS Consultants

Dr. S. Schultz
Dr. Dennis Bley

ACRS Staff

Z. Abdullahi
C. Antonescu
T. Dashiell
A. Bellinger
C. Brown
L. Burkhart
K. Howard
J. Perry

S. Walton
S. Moore
Q. Nguyen
H. Nourbakhsh
M. Snodderly
T. Skov
D. Widmayer
S. Walker
W. Wang

The Appendix lists additional meeting attendees from computer program MS TEAMS.

APPENDIX: ADDITIONAL ATTENDEES FROM COMPUTER PROGRAM MS TEAMS

Adam Stein (Breakthrough Institute) (Guest)
Allik, Brian
Alvarado, Lydiana
Amy Freed (EPRI) (Guest)
Anchondo-Lopez, Isaac
Anthony Ploplis
Balazik, Michael
Barrett, Antonio
Benowitz, Howard
Berrios, Ilka
Bloom, Steven
Boggs, Scott
Bozga, John
Buford, Angie
Burns Cunningham
Calhoun, David J
Call, Mike
Chien, Nan
Cintron-Rivera, Jorge
Clark, Phyllis
Colaccino, Joseph
Cruz, Holly
Curran, Gordon
Daigle, David Louis
Day, Shari
Delja, Aleksandar
Dickson, Elijah
Dijamco, David
Drenth, Lora
Dudek, Michael
Elliot J. Long (EPRI) (Guest)
Fairbanks, Carolyn
Féliz Adorno, Néstor
Fice, Kevin
Forsaty, Fred
Franzone, Steve
Friedman, Michael
Frumkin, Dan
Fu, Bart
Gardner, Tony
Gavello, Molly-Kate
George, Thomas L.

Ghosh, Amitava
Gibson, Lauren
Glunt, Nathan
Gran, Zachary
Hammelman, James
Hammock, Jessica
Hammock, Tyler
Hardesty, Duane
Harrington, Roseanne (GE Power Portfolio)
Harris NRR, Brian
Hartman, Thomas
Haywood, Emma
Heck, Charles (GE Power Portfolio)
Heeszal, David
Heller, Kevin
Herrmann, Terry
Hinds, David H (GE Power Portfolio)
Hiser, Allen
Honcharik, John
Hudson, Nathanael
Iqbal, Naeem
Ireland, Andrew
Istar, Ata
J R Hoffman
Jackson, Tony
Jain, Bhagwat
James Cordes (Guest)
Jaques, Susan T
Jeffrey Head
Jenkins, Joel
Jim Costedio
John Daily
Johnson, Andrew
Johnson, Marieliz
Johnston, Jeanne
Kalia, Amit
Kimura, Stephen
Kirby, Tanya (GE Power Portfolio)
Krsek, Robert
Kurul, Necdet (GE Power Portfolio)
Lanese, Louis (GE Power Portfolio, consultant)
Lehman, Bryce
Li, Chang

Li, Guangjun (GE Power Portfolio)
Lien, Peter
Liu, Ai-Shen (GE Power Portfolio)
Lopez, Juan
Lu, Shanlai
Maher, William
Makar, Gregory
MARK KIRK (Guest)
Marzano, Matthew (EPW)
Matsumoto, Jin
Matt Brunton
Matt Wilkinson
Matt Wilkinson
MATTE Luziana (FRA-IB)
McConnell, Matthew
McGough, Jim
Medoff, James
Min, Seung
Mischler, Frank
Mitch McFarland
Mitlyng, Viktoria
Moyer, Carol
Muggleston, Kevin
Naeem Iqbal (Guest)
Nakanishi, Tony
NANA Ashok (FRA-IB)
Nolan, Ryan
O'Neill, Mike L.
Orlove, Bill
Orthen, Richard
PAGE BLAIR Danielle (FRA-IB)
Pagnozzi, Basil
Pappone, Daniel C. (GE Power Portfolio)
Parillo, John
Pratt, David
Prinaris, Andrew
Proffitt, Andrew
Quinlan, Kevin
Rakovan, Lance
Ramdeen, Swadesh
Rani Franovich (Gt) (Guest)
Rani Franovich, Breakthrough Institute (Guest)
Rau, Adam

Reichelt, Eric
RICHTER, Mark
Roche-Rivera, Robert
Rogers, Bill
Rudland, David
Salay, Michael
sandra (Guest)
Sayoc, Emmanuel
Schichlein, Lisa (GE Power Portfolio)
Schiller, Alina
Schneider, Stewart
Scott, Alexandria
Scully, Derek
Shea, James
Slivon, Donna
Smith - NRR, Brian
Staudenmeier, Joseph
Stephen Hale
Stephen Kimura (Guest)
Steve Williams (Guest)
Strope, Michael
Stubbs, Angelo
Sun, Jing-Yang
Tesfaye, Getachew
Thomas, George
Thomas, Vaughn
Thomson, Bernie
TITUS, Brett
Tony Jackson (Guest)
Tsao, John
Tzang, Jer-Wei M. (Michael)
Uddin, Mo
Udyawar, Anees
Valdez, Maribel
Vega, Frankie
Vettori, Robert
Wagage, Henry
Wang, George
Wang, Weijun
Wattleworth, Timothy
Webb, Shane
White, Frostie (GE Power Portfolio, consultant)
White, Jason

Widrevitz, Dan
Wittick, Brian
Wu, Angela
Xi, Zuhan
Yee, On
Young, Michael Stephen Alexander
Zach, Andrew (EPW)
Zaki, Tarek
Zheng, Wei
Ziolkowski, Michael