

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

January 23, 2023

MEMORANDUM TO: Scott W. Moore, Executive Director

Advisory Committee on Reactor Safeguards

Advisory Committee on Reactor Safeguards

FROM: Joy L. Rempe, Chairman

Signed by Rempe, Joy

on 01/23/23

SUBJECT: MINUTES OF THE 701st MEETING OF THE ADVISORY

COMMITTEE ON REACTOR SAFEGUARDS (ACRS).

NOVEMBER 29 - DECEMBER 2, 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:

701st ACRS Meeting Minutes

cc: Russell Chazell, SECY

Dante Johnson, OEDO

Todd Keene, OEDO ACRS staff

ACRS members

CONTACT: L. Burkhart, ACRS

301-287-3775



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

January 23, 2023

MEMORANDUM TO:	Scott W. Moor	e, Executive Director

Advisory Committee on Reactor Safeguards

FROM: Joy L. Rempe, Chairman

Advisory Committee on Reactor Safeguards

SUBJECT: MINUTES OF THE 701st MEETING OF THE ADVISORY

COMMITTEE ON REACTOR SAFEGUARDS (ACRS),

NOVEMBER 29 - DECEMBER 2, 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:

701st ACRS Meeting Minutes

cc: Russell Chazell, SECY

Dante Johnson, OEDO

Todd Keene, OEDO

ACRS staff ACRS members

CONTACT: L. Burkhart, ACRS

301-287-3775

Accession No: ML23019A011 Publicly Available (Y/N): _Y__ Sensitive (Y/N): N

If Sensitive, which category?

Viewing Rights: ☐ NRC Users or ☐ ACRS only or ☐ See restricted distribution

OFFICE	ACRS	ACRS/SUNSI Review	ACRS	ACRS
NAME	WWang(WW)	WWang(WW)	LBurkhart	JRempe(JR)
DATE	1/19/2023	1/19/2023	1/19/2023	1/23/2023

OFFICIAL RECORD COPY

MINUTES OF THE 701st 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 701st meeting of the Advisory Committee on Reactor Safeguards (ACRS) was conducted in person and virtually during the Agency's re-entry program on November 29 - December 2, 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 (pdr.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 (ML22308A069)
- 2. Summary report (ML23011A068)
- 3. Transcript (ML22348A105 and ML22348A122)

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. Dennis Blev

Dr. Stephen Schultz

ACRS Staff

- Z. Abdullahi
- C. Antonescu
- T. Dashiell
- A. Bellinger
- C. Brown
- L. Burkhart
- S. Walton
- S. Moore
- Q. Nguyen

- H. Nourbakhsh
- J. Riner
- J. Perry 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

Anthony Valiaveedu Brian Bettes Chris Van Wert Christina Antonescu Christopher Brown David Burgess Edwin Lyman Jeffrey Schmidt Kelli Trotter Kelly Sullivan Larry Burkhart Leigh Ford, Snake River Alliance Luis Cruz Rosado Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup Zackery Helgert	Alexander Chereskin
Brian Bettes Chris Van Wert Christina Antonescu Christopher Brown David Burgess Edwin Lyman Jeffrey Schmidt Kelli Trotter Kelly Sullivan Larry Burkhart Leigh Ford, Snake River Alliance Luis Cruz Rosado Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Andres Rowe
Chris Van Wert Christina Antonescu Christopher Brown David Burgess Edwin Lyman Jeffrey Schmidt Kelli Trotter Kelly Sullivan Larry Burkhart Leigh Ford, Snake River Alliance Luis Cruz Rosado Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Anthony Valiaveedu
Christina Antonescu Christopher Brown David Burgess Edwin Lyman Jeffrey Schmidt Kelli Trotter Kelly Sullivan Larry Burkhart Leigh Ford, Snake River Alliance Luis Cruz Rosado Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Brian Bettes
Christopher Brown David Burgess Edwin Lyman Jeffrey Schmidt Kelli Trotter Kelly Sullivan Larry Burkhart Leigh Ford, Snake River Alliance Luis Cruz Rosado Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Chris Van Wert
David Burgess Edwin Lyman Jeffrey Schmidt Kelli Trotter Kelly Sullivan Larry Burkhart Leigh Ford, Snake River Alliance Luis Cruz Rosado Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Christina Antonescu
Edwin Lyman Jeffrey Schmidt Kelli Trotter Kelly Sullivan Larry Burkhart Leigh Ford, Snake River Alliance Luis Cruz Rosado Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Christopher Brown
Jeffrey Schmidt Kelli Trotter Kelly Sullivan Larry Burkhart Leigh Ford, Snake River Alliance Luis Cruz Rosado Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	David Burgess
Kelli Trotter Kelly Sullivan Larry Burkhart Leigh Ford, Snake River Alliance Luis Cruz Rosado Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Edwin Lyman
Kelly Sullivan Larry Burkhart Leigh Ford, Snake River Alliance Luis Cruz Rosado Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Jeffrey Schmidt
Larry Burkhart Leigh Ford, Snake River Alliance Luis Cruz Rosado Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Kelli Trotter
Leigh Ford, Snake River Alliance Luis Cruz Rosado Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Kelly Sullivan
Luis Cruz Rosado Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Larry Burkhart
Mary Casto Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Leigh Ford, Snake River Alliance
Marzano, Matthew Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Luis Cruz Rosado
Matthew Hiser Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Mary Casto
Michael Balazik Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	· ·
Michael Snodderly Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Matthew Hiser
Miranda Ross Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Michael Balazik
Samuel Cuadrado de Jesus Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	•
Sandra Walker Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Miranda Ross
Shandeth Walton Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	Samuel Cuadrado de Jesus
Stephanie Garza Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	
Stephen Philpott Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	
Tammy Skov Thomas Dashiell Tony Nakanishi William Jessup	
Thomas Dashiell Tony Nakanishi William Jessup	
Tony Nakanishi William Jessup	•
William Jessup	Thomas Dashiell
·	-
Zackery Helgert	•
	Zackery Helgert