




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

July 1, 2023

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 07/01/23

SUBJECT: MINUTES OF THE 705th MEETING OF THE ADVISORY
COMMITTEE ON REACTOR SAFEGUARDS (ACRS), MAY 3-5,
2023

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:

705th ACRS Meeting Minutes

cc: Russell Chazell, SECY
Dante Johnson, OEDO
Araceli Billoch Colon, OEDO
ACRS staff
ACRS members

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



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Accession No: ML23178A103 **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	JRempe(JR)
DATE	6/27 /2023	6/27/2023	6/27/2023	7/1/2023

OFFICIAL RECORD COPY

MINUTES OF THE 705th 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 705th meeting of the Advisory Committee on Reactor Safeguards (ACRS) was conducted in person and virtually on May 3-5, 2023.

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 (ML23100A148)
2. Summary report (ML23151A124)
3. Transcript (ML23137A260 and ML23164A162)

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 Bley
Dr. Stephen Schultz

ACRS Staff

A. Torres
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. Compton
M. Snodderly
T. Skov
D. Widmayer
S. Walker
W. Wang

The Appendix lists additional meeting attendees from computer program MS TEAMS and sign-in sheet.

APPENDIX: ADDITIONAL ATTENDEES

Alex Siwy (She/Her)
Alexander Chereskin
Allen Hiser
Andrew Bielen
Andrew Proffitt
Antony Calvo
Auguste, Rasheed
Ben Adams
Benjamin Beasley
Beville, Tim
Boyce Travis
Brandon Haugh (Kairos Power) (Guest)
Breuninger, James
Brian Tindell
Calvin Cheung
Charlotte Geiger X-energy (Guest)
Christopher Murray
COURTNEY BANKS
David Bannister (Guest)
David Desaulniers
Dinesh Taneja
Donald Palmrose
Drew Peebles (Kairos Power) (Guest)
Edward Harvey
Edward Helvenston
Frederick Sock
Friesen, Carl
George Thomas
George Wang
Greg Galletti
Hatteras (Guest)
Hossein Esmaili
Ian Jung
Ingrid Nordby (X-energy) (Guest)
Ismael Garcia
Jason Schaperow
Jeff Correll
Jeffrey Schmidt
Jesse Seymour
Jim Speicher (Guest)

Jordan Hagaman (Guest)
Jordan Hagaman (Kairos Power) (Guest)
Jorge Hernandez
Jose Pires
Joseph Ashcraft
Joseph Giacinto
Justin Hudson
Kairos Power (Guest)
Kamal Manoly
Kamishan Martin (She/Her)
Katz, Max (Heinrich)
Keith Miller
Kelly Dickerson (She/Her)
Kenneth Armstrong
Kenneth Erwin
Kerstun Norman
Kimberly Webber
Kyle Song
Lucieann Vechioli Feliciano
Luis Betancourt
Madhumita Sircar
Maggie Staiger (Guest)
Marty Bryan (Guest)
Marty Bryan (Kairos Power) (Guest)
Matthew Denman (Guest)
Matthew Hiser
Meg Audrain
Michael Balazik
Michael Ellett (Kairos) (Guest)
Michelle Hart
mike melton x-energy (Guest)
Milton Valentin
Nader Satvat (Kairos, Nuclear Design) (Guest)
Nicholas Difrancesco
Oded Doron (Guest)
Per Peterson (Kairos Power) (Guest)
Rachel Haigh (Kairos Power) (Guest)
Raymond Wang (X-energy) (Guest)
Robert Martin, Consultant (Guest)
Ross (Guest)
Ryann Bass
Shaohua Lai
sheila ray (Guest)

Stephanie Devlin-Gill (She/Her)
Steve Bajorek
Steve Bajorek
Steve Wyman
Stuhldreher, Timothy
Tanvir Siddiky
Theresa Buchanan
Thomas Hipschman
Tom Nixon (Guest)
William Jessup
William Schuster
Yamir Diaz-Castillo
Zuhan Xi

**ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
705th FULL COMMITTEE MEETING
MAY 3-5, 2023**

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	<u>NAME</u>	<u>AFFILIATION</u>
1	Matt Hizer	NRC/NRR/DANU
2	Ben Beasley	NRC/NRR/DANU
3	Candace de Messieres	NRC/NRR/DANU
4	Michelle Hart	NRC/NRR/DANU
5	Ed Helyenston	NRC/NRR/DANU
6	Hossein Esmaili	NRC/RES/FSCB
7	John Tomon	NRC/RES/DSA/RPB
8	Cynthia Roman	NRC/RES/DSA
9	Nicholas DiFrancesco	NRC/RES
10	Antony Calvo	NRC/RES/DSA
11	Matt Bernard	NRC/RES/DSA
12	Kenneth Armstrong	NRC/RES/DSA
13	Ray Furstenau	NRC/RES
14	Jeffrey Ciocco	DOE OCED
15	Mark Natak	DOE OCED/ARAP
16	MARK FELTNER	DOW
17	Robert O'Connor	DOW
18	Martin van Staden	X-energy
19	MARU PEREIRA	HATCH/X-ENERGY
20	Marily Sanderson	X-energy
21	Kreshka Young	DOW
22	Ingrid Nordberg	X-energy
23	TRAVIS CHRISTMAN	X-energy
24	RAYMOND C. WANG	X-energy
25	Kyle Metzger	X-energy/MPA
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ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

704th ACRS FULL COMMITTEE MEETINGS

April 5-7, 2023

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	<u>NAME</u>	<u>ORGANIZATION</u>
1	R Skattel	NRR/DCX/EICB
2	Ryan Sprengel	Terra Power
3	MIKE MONTECALVO	TERRAPOWER
4	George Piccard	Terra Power
5	IAN GIFFORD	TerraPower
6	ERIC WILLIAMS	TERRA POWER
7	BaoFu Lu	TERRA POWER
8	REED ANZALONE	NRR/DANU/UTBZ
9	Courtney Banks	NRR/DANU/WALI
10	Robert Kreek	NRC/COMM/JMB
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