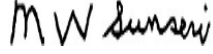




**UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, DC 20555 - 0001**

December 16, 2021

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

FROM: Matthew W. Sunseri, Chairman  Signed by Sunseri, Matthew
Advisory Committee on Reactor Safeguards on 12/16/21

SUBJECT: MINUTES OF THE 689th MEETING OF THE ADVISORY
COMMITTEE ON REACTOR SAFEGUARDS (ACRS),
OCTOBER 5-7, 2021

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:
689th ACRS Meeting Minutes

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

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

December 16, 2021

SUBJECT: MINUTES OF THE 689th MEETING OF THE ADVISORY COMMITTEE ON
REACTOR SAFEGUARDS (ACRS), OCTOBER 5-7, 2021

Accession No: **ML21349A566** 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(LB)	MSunseri(MS)
DATE	12/15/2021	12/15/2021	12/15/2021	12/16/2021

OFFICIAL RECORD COPY

MINUTES OF THE 689th MEETING OF THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

Online Virtual Meeting

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 689th meeting of the Advisory Committee on Reactor Safeguards (ACRS) was held virtually on October 5-7, 2021 due to the COVID-19 pandemic.

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. The presentation slides and handouts 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 (ML21244A502)
2. Summary report (ML21323A040)
3. Transcript (ML21313A174 and ML21313A177)

Note that the meeting was scheduled for October 5 – 8, 2021, but the Committee completed its work early and adjourned on the afternoon of October 7, 2021.

ACRS MEETING ATTENDEES

ACRS Members

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

ACRS Consultants

Dr. S. Schultz

ACRS Staff

Z. Abdullahi
C. Antonescu

ENCLOSURE

T. Dashiell
A. Bellinger
C. Brown
L. Burkhart
M. Compton
K. Howard
J. Perry
W. Walton
S. Moore
Q. Nguyen
H. Nourbakhsh
J. Riner
M. Snodderly
T. Skov
D. Widmayer
S. Walker
W. Wang

Appendix lists additional meeting attendees from computer meeting software.

ENCLOSURE

APPENDIX: ADDITIONAL ATTENDEES FROM COMPUTER MEETING SOFTWARE

Andrei Burghilea (FRA-FL) (Guest)
Araguas, Christian
Betancourt, Luis
Birla, Sushil
Bowen, Jeremy
Cook, Christopher
Cooper, Susan
Cruz, Holly
DeJesus, Jonathan
Difrancesco, Nicholas
Furstenau, Raymond
Ghosh, Tina
Gilbertson, Anders
Gonzalez, Michelle
Haq, Salman
Hiser, Matthew
Humberstone, Matthew
Karagiannis, Harriet
Kent Abel (Guest)
Lalain, Theresa A
Lisa Gerken - Framatome (Guest)
Lund, Louise
Morey, Dennis
Morris Byram (Guest)
Moyer, Carol
Nathan Hottle (Guest)
Orenak, Michael
Otto, Ngola
Panicker, Mathew
Phan, Hanh
Pires, Jose
Rahimi, Meraj
Reisi Fard, Mehdi
Ruffin, Steve
Seber, Dogan
Sheehan, Neil
Stutzke, Martin
Thaggard, Mark
Thompson, Jason
Tregoning, Robert
Walker, Shakur
Webber, Kimberly
Williams, Donna

ENCLOSURE

ENCLOSURE