



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

December 15, 2020

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

FROM: Matthew W. Sunseri, Chairman
Advisory Committee on Reactor Safeguards

SUBJECT: MINUTES OF THE 678th MEETING OF THE ADVISORY
COMMITTEE ON REACTOR SAFEGUARDS (ACRS),
SEPTEMBER 9-11, 2020

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," enclosure of this memo serves as the certified minutes.

Enclosure: MINUTES OF THE 678th MEETING OF THE ADVISORY COMMITTEE ON
REACTOR SAFEGUARDS

cc: Russell Chazell, SECY
Michael McCoppin, OEDO
ACRS staff
ACRS members

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



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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	11/12/2020	11/12/2020	11/12/2020	12/15/2020

OFFICIAL RECORD COPY

Enclosure:

MINUTES OF THE 678th 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 678th meeting of the Advisory Committee on Reactor Safeguards (ACRS) was held virtually on September 9-11, 2020 due to the COVID-19 pandemic.

The summary report from the ACRS Chairman to the 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 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 (ML20244A345)
2. Summary report (ML20315A199)
3. Transcript (ML20261H932)

ACRS 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, and Dr. Peter Riccardella

ACRS Consultants

Drs. S. Schultz and M. Corradini

ACRS Staff

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

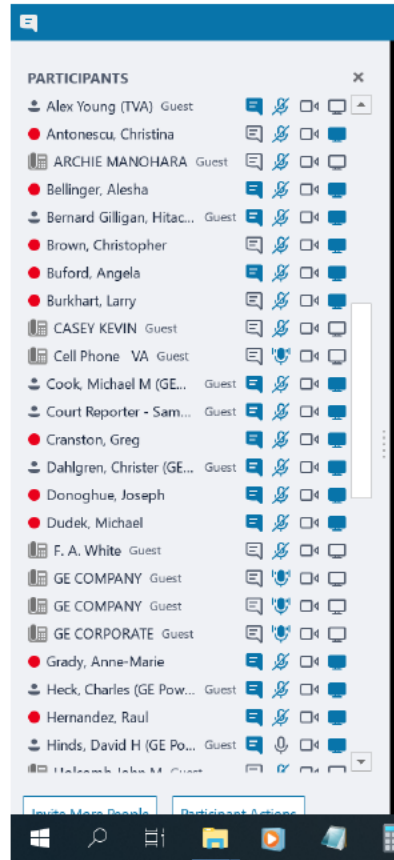
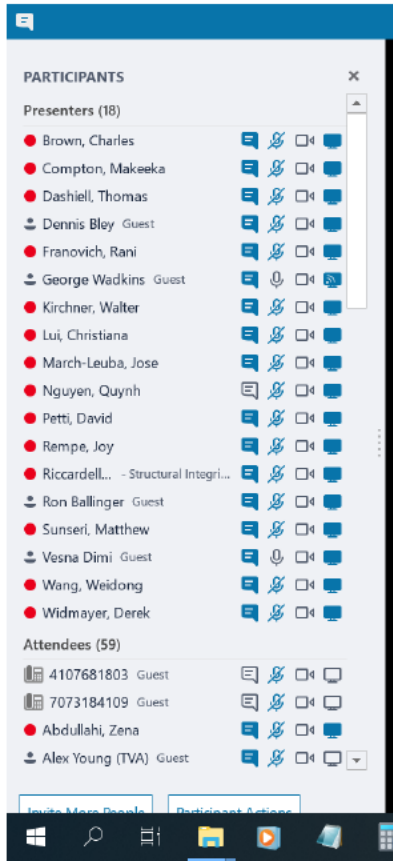
M. Compton
K. Howard
J. Johnson
C. Liu
S. Montgomery
S. Moore
Q. Nguyen
H. Nourbakhsh
M. Snodderly
D. Widmayer
T. Skov
S. Walker
W. Wang
K. Weaver

OTHER KNOWN ATTENDEES

N. Klymyshyn, PNNL
B. Painter, Framatome
J. Wagner, Interpreter
L. Nadalane
J. Donoghue, NRR
S. Krepel, NRR
N. Otto, NRR
C. Glubok
J. Holm, Framatome
K. Kadooka
N. Klymshy

Appendix lists additional attendees from Skype screen shots.

APPENDIX ADDITIONAL ATTENDEES FROM SKYPE SCREEN SHOTS



PARTICIPANTS [Close]

- Hernandez, Raul [Chat] [Mute] [Video Off] [Screen Off]
- Hinds, David H (GE Po... Guest [Chat] [Mute] [Video Off] [Screen Off]
- Holcomb John M Guest [Chat] [Mute] [Video Off] [Screen Off]
- John Henry SullivanTVA Guest [Chat] [Mute] [Video Off] [Screen Off]
- Johnson, Joanne [Chat] [Mute] [Video Off] [Screen Off]
- Jun Matsumoto Guest [Chat] [Mute] [Video Off] [Screen Off]
- Kelvin Montague Guest [Chat] [Mute] [Video Off] [Screen Off]
- Kevin Cassey Guest [Chat] [Mute] [Video Off] [Screen Off]
- Lanese, Louis (GE Pow... Guest [Chat] [Mute] [Video Off] [Screen Off]
- Li, Chang [Chat] [Mute] [Video Off] [Screen Off]
- Li, Yueh-Li [Chat] [Mute] [Video Off] [Screen Off]
- Martin Owens Guest [Chat] [Mute] [Video Off] [Screen Off]
- Michael Co... - External Network [Chat] [Mute] [Video Off] [Screen Off]
- Montgomery, Shandeth [Chat] [Mute] [Video Off] [Screen Off]
- Nolan, Ryan [Chat] [Mute] [Video Off] [Screen Off]
- Nourbakhsh, Hossein [Chat] [Mute] [Video Off] [Screen Off]
- Patton, Rebecca [Chat] [Mute] [Video Off] [Screen Off]
- Proffitt, Andrew [Chat] [Mute] [Video Off] [Screen Off]
- ray schiele Guest [Chat] [Mute] [Video Off] [Screen Off]
- Riner, Janet [Chat] [Mute] [Video Off] [Screen Off]
- Ross-Lee, MJ [Chat] [Mute] [Video Off] [Screen Off]
- Sadamatsu, Hideaki Guest [Chat] [Mute] [Video Off] [Screen Off]
- Scarbrough, Thomas [Chat] [Mute] [Video Off] [Screen Off]
- Schrader, Eric [Chat] [Mute] [Video Off] [Screen Off]
- Schultz, Stephen [Chat] [Mute] [Video Off] [Screen Off]

Invite More People Participant Actions

PARTICIPANTS [Close]

- Li, Chang
- Li, Yueh-Li [Chat] [Mute] [Video Off] [Screen Off]
- Martin Owens Guest [Chat] [Mute] [Video Off] [Screen Off]
- Michael Co... - External Network [Chat] [Mute] [Video Off] [Screen Off]
- Montgomery, Shandeth [Chat] [Mute] [Video Off] [Screen Off]
- Nolan, Ryan [Chat] [Mute] [Video Off] [Screen Off]
- Nourbakhsh, Hossein [Chat] [Mute] [Video Off] [Screen Off]
- Patton, Rebecca [Chat] [Mute] [Video Off] [Screen Off]
- Proffitt, Andrew [Chat] [Mute] [Video Off] [Screen Off]
- ray schiele Guest [Chat] [Mute] [Video Off] [Screen Off]
- Riner, Janet [Chat] [Mute] [Video Off] [Screen Off]
- Ross-Lee, MJ [Chat] [Mute] [Video Off] [Screen Off]
- Sadamatsu, Hideaki Guest [Chat] [Mute] [Video Off] [Screen Off]
- Scarbrough, Thomas [Chat] [Mute] [Video Off] [Screen Off]
- Schrader, Eric [Chat] [Mute] [Video Off] [Screen Off]
- Schultz, Stephen [Chat] [Mute] [Video Off] [Screen Off]
- Steven Hilmes Guest [Chat] [Mute] [Video Off] [Screen Off]
- Stubbs, Angelo [Chat] [Mute] [Video Off] [Screen Off]
- Taneja, Dinesh [Chat] [Mute] [Video Off] [Screen Off]
- Walker, Sandra [Chat] [Mute] [Video Off] [Screen Off]
- Weaver, Kathy [Chat] [Mute] [Video Off] [Screen Off]
- White, Frostie (GE Po... Guest [Chat] [Mute] [Video Off] [Screen Off]
- Wittick, Brian [Chat] [Mute] [Video Off] [Screen Off]
- Wunder, George [Chat] [Mute] [Video Off] [Screen Off]
- Yoshie, Yutaka Guest [Chat] [Mute] [Video Off] [Screen Off]

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PARTICIPANTS [Close]

Presenters (16)

- Abdullahi, Zena
- Brown, Charles
- Dashiell, Thomas
- Dennis Bley Guest
- Dudek, Michael
- Franovich, Rani
- George Wadkins Guest
- Kirchner, Walter
- Lui, Christiana
- March-Leuba, Jose
- Petti, David
- Rempe, Joy
- Riccardell... - Structural Integri...
- Ron Ballinger Guest
- Sunseri, Matthew
- Wang, Weidong

Attendees (43)

- Alex Young (TVA) Guest
- Antonescu, Christina
- Bernard Gilligan, Hitac... Guest
- Brown, Christopher
- Buford, Angela
- CASEY KEVIN Guest

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PARTICIPANTS [Close]

- CASEY KEVIN Guest
- Catts, Michelle (GE Po... Guest
- Cell Phone VA Guest
- Compton, Makeeka
- Cook, Michael M (GE... Guest
- Court Reporter - Sam... Guest
- Cranston, Greg
- Dan Stout Guest
- Donoghue, Joseph
- F. A. White Guest
- GE COMPANY Guest
- GE COMPANY Guest
- GE CORPORATE Guest
- Glubok Carolyn Guest
- Grady, Anne-Marie
- Hinds, David H (GE Po... Guest
- Holcomb John M Guest
- John Henry SullivanTVA Guest
- Jun Matsumoto Guest
- Kelvin Montague Guest
- Lanese Louis Guest
- Lanese, Louis (GE Pow... Guest
- Martin Owens Guest
- Michael Co... - External Network
- Monte Scott

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PARTICIPANTS

Name	Role	Chat	Share	Microphone	Video
Glubok Carolyn	Guest				
Grady, Anne-Marie					
Hinds, David H (GE Po...	Guest				
Holcomb John M	Guest				
John Henry SullivanTVA	Guest				
Jun Matsumoto	Guest				
Kelvin Montague	Guest				
Lanese Louis	Guest				
Lanese, Louis (GE Pow...	Guest				
Martin Owens	Guest				
Michael Co... - External Network					
Moore, Scott					
Nolan, Ryan					
Nourbakhsh, Hossein					
Patton, Rebecca					
Proffitt, Andrew					
Sadamatsu, Hideaki	Guest				
Scarborough, Thomas					
Schultz, Stephen					
Steven Hilmes	Guest				
Taneja, Dinesh					
White, Frostie (GE Po...	Guest				
WITTICK BRIAN	Guest				
Yoshie, Yutaka	Guest				

[Invite More People](#) [Participant Actions](#)