



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

October 2, 2019

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

FROM: Peter Riccardella **/RA/**
ACRS Chairman

SUBJECT: MINUTES OF THE 665th MEETING OF THE ADVISORY
COMMITTEE ON REACTOR SAFEGUARDS (ACRS),
JULY 10-12, 2019

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," this document serves as the certified minutes.

Cc: Russel Chazell
SECY
Michael McCoppin
OEDO
ACRS staff
ACRS members



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If Sensitive, which category?

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OFFICE	ACRS	ACRS/SUNSI Review	ACRS	ACRS
NAME	WWang	WWang	LBurkhart	PRiccardella
DATE	9/19/2019	9/19/2019	9/23/2019	10/2/2019

OFFICIAL RECORD COPY

MINUTES OF THE 665th MEETING OF THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

ROCKVILLE, MARYLAND

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 665th meeting of the Advisory Committee on Reactor Safeguards (ACRS) was held in Conference Room T2D10, Two White Flint North Building, 11545 Rockville Pike, Rockville, Maryland, on July 10-12, 2019.

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. The documents received by the Committee are listed in the references of each committee letter associated with this meeting.

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 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 (ML19182A188)
2. Summary report (ML19254B968)
3. Transcript with presentation slides (Open ML19234A278, Closed ML19234A284)

ATTENDEES

ACRS Members

Peter Riccardella (Chairman), Mr. Matthew Sunseri (Vice-Chairman), Dr. Joy Rempe (Member-at-Large), Dr. Dennis Bley, Mr. Charles Brown, Dr. Michael Corradini, Dr. Vesna B. Dimitrijevic, Dr. Walter Kirchner, Dr. Jose March-Leuba, Dr. David Petti, and Mr. Gordon Skillman.

ACRS Consultant

Stephen Schultz

ACRS Staff

A. Veil
L. Burkhart
H. Nourbakhsh
M. Snodderly

Other Attendees (from Scanned Sign-in Sheet)

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
665th FULL COMMITTEE MEETING

July 10-12, 2019

PLEASE PRINT

TODAY'S DATE: July 11, 2019

<u>NAME</u>	<u>AFFILIATION</u>
1 Kathy Weaver	NRC
2 Larry Burkhardt	ME / ACAS
3 Boyce Travis	NRC/NCO
4 Steve Pope	NuScale
5 Chris Maxwell	NuScale
6 ERIC REICHEL	NRO / MCB
7 John Honcharik	NRO / MCB
8 Rebecca Kary	NRO / DESR / SRSB
9 Anne Marie (Shad)	NRO / DESR / SPRA
10 Tim Lupold	NRO / DESR / MEB
11 ANDREA VEH	ACRS
12 Antonio Durrett	NRC NRO
13 Chang-Yang Li	NRO / DESR
14 Greg Makar	NRC / NRO / DESR / MCB
15 Thomas Seabrough	NRC / NRO / DESR / MEB
16 Danny Chien	NRC / DESR
17 Yuken Wong	NRC / NRO / DESR / MEB
18 NANCY SALGADO	NRC / NRR / DE / EICA
19 Yueh-Li (Renec) Li	NRC / NRO / MEB
20 Manas Chakravarty	NRC / NRO / SEB
21 Alissa Neuhansen	NRO / DESR / SPRA
22 Jason Thompson	RES / DSA / CRAB
23 GREG CRANSTON	NRO / DSE / LBI
24 Marieliz Vera	" "
25 James Gilmer	NRO / DESR / SRSB
26 Pravin Patel	NRO / DESR / SEB
27 Dinesh Tancija	NRR / DE / EICA
28 ATA ISTAR	NRO / DE / SEB
29 CARL THURSTON	NRO / DESR / SRSB

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Armonde

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
665th FULL COMMITTEE MEETING

July 10-12, 2019

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<u>NAME</u>	<u>AFFILIATION</u>
1 SUDIT SANISODDAE	NRO/DE/SEB
2 Sunwoo PARK	NRO/DESR/SEB
3 Joe Ashcraft	NRR/DE/EKA
4 Shantari Lu	NRO/DESR/SRSB
5 Kaihua Hsu	NRR/DE/EMIB
6 Tuan Le	NRO/DEI/MEB
7 Alex Siu	NRO/DESR/SRSB
8 VAUGHAN THOMAS	NRR/DOEL
9 Michelle Hart	NRO/DLSE/RGRB
10 Nicholas Hansing	NRO/DESR/MEB
11 Sجاد I. Hachem	NRO/DESR/SRSB
12 John Budzynski	NRO/DESR/SRSB
13 Bhagwat Jain	NRO/DEIS/SEB
14 Marty Bryan	NuScale
15 Nicholas McMurray	NRO/DAR
16 Kevin Coyne	NRO/DESR
17 Yin Law	NRO/DESR
18 Peter Bamford	NRC/NRR/ALP/PSRB
19 ATA ISTAR	NRC/DE/SEB
20 GREG CRANSTON	NRO/DLSE/LB
21 Kate Chen	NRC/Summer Rise
22 Bob Weisman	NRC/OGC
23 Mike Melton	NuScale
24 Nadya Joergensen	NuScale
25 chris Maxwell	NuScale
26	
27	
28	