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UNITED STATES NUCLEAR REGULATORY COMMISSION'S  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

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UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

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675TH MEETING

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

(ACRS)

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OPEN SESSION

+ + + + +

THURSDAY

JULY 9, 2020

+ + + + +

The Advisory Committee met via Video-  
Teleconference, at 9:30 a.m. EDT, Matthew W. Sunseri,  
Chairman, presiding.

COMMITTEE MEMBERS:

- MATTHEW W. SUNSERI, Chairman
- JOY L. REMPE, Vice Chairman
- WALTER L. KIRCHNER, Member-at-large
- RONALD G. BALLINGER, Member
- DENNIS BLEY, Member
- VESNA B. DIMITRIJEVIC, Member
- JOSE MARCH-LEUBA, Member
- DAVID A. PETTI, Member
- PETER RICCARDELLA, Member

1 ACRS CONSULTANT:

2 MICHAEL CORRADINI

3 STEPHEN SCHULTZ

4

5 DESIGNATED FEDERAL OFFICIAL:

6 CHRISTOPHER BROWN

7 CHRISTIANA LUI

8 QUYNH NGUYEN

9 MICHAEL SNODDERLY

10

11 ALSO PRESENT:

12 ANTONIO BARRETT, NRR

13 BRUCE BAVOL, NRR

14 JOSHUA BORROMEO, NRR

15 TRAVIS BOYCE, NRR

16 ANNA BRADFORD, NRR

17 BEN BRISTOL, NuScale

18 LARRY BURKHART, ACRS

19 MARK CHITTY, NuScale

20 PAUL DEMKOWICZ, Idaho National Laboratory

21 MICHAEL DUDEK, NRR

22 SARAH FIELDS, Public Participant

23 CRAIG HARBUCK, NRR

24 JORDAN HOELLMAN, NRR

25 PAUL INFANGER, NuScale

1 MARIELIZ JOHNSON, NRR  
2 SHANLAI LU, NRR  
3 MICHAEL MELTON, NuScale  
4 SCOTT MOORE, Executive Director, ACRS  
5 ETIENNE MULLIN, NuScale  
6 TONY NAKANISHI, NRR  
7 STEVEN NESBIT, EPRI  
8 RYAN NOLAN, NRR  
9 REBECCA NORRIS, NuScale  
10 REBECCA PATTON, NRR  
11 TOM SCARBROUGH, NRR  
12 JEFFREY SCHMIDT, NRR  
13 JOHN SEGALA, NRR  
14 ALEXANDRA SIWY, NRR  
15 ANDREW SOWDER, EPRI  
16 DINESH TANEJA, NRR  
17 CARL THURSTON, NRR  
18 CHRISTOPHER VAN WERT, NRR  
19 YUKEN WONG, NRR  
20 PETER YARSKY, RES  
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## P R O C E E D I N G S

9:30 a.m.

CHAIR SUNSERI: We will now come to order. This is the second day of the 675th Meeting of the Advisory Committee on Reactor Safeguards. I'm Matthew Sunseri, the Chair of the ACRS. I will conduct a roll call. Members, please acknowledge your presence. Ron Ballinger?

MEMBER BALLINGER: Here.

CHAIR SUNSERI: Dennis Bley?

MEMBER BLEY: Here.

CHAIR SUNSERI: Vesna Dimitrijevic?

MEMBER DIMITRIJEVIC: Here.

CHAIR SUNSERI: Walt Kirchner?

MEMBER KIRCHNER: Here.

CHAIR SUNSERI: Jose March-Leuba?

MEMBER MARCH-LEUBA: Yes.

CHAIR SUNSERI: Dave Petti?

MEMBER PETTI: Yeah.

CHAIR SUNSERI: Joy Rempe?

VICE CHAIR REMPE: Here.

CHAIR SUNSERI: Pete Riccardella?

MEMBER RICCARDELLA: I'm here.

CHAIR SUNSERI: And myself. So we have a quorum. I want to welcome everyone back to today's

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1 session. The outline for today looks as follows.  
2 We're going to begin with an open session here with  
3 NuScale, and then it's mainly just to close out from  
4 yesterday's session to see if there's any follow-ups  
5 or final comments from members that need to be  
6 addressed.

7 We'll allow the public an opportunity to  
8 make some final comments for that session, and then we  
9 will break off and close down the transcript and go  
10 into a closed session with NuScale offline. We will  
11 be in closed session more than likely until 1:30 today  
12 at which we'll break for lunch, and then return in  
13 open session at 2:30 today to take up the TRISO report  
14 on the topical -- the report that we're preparing on  
15 TRISO. Sorry for getting tongue-tied there.

16 That will be an open session and most  
17 likely the time where we will come back into open  
18 session. But since there is a little bit of  
19 uncertainty about what the schedule looks like this  
20 morning and there's a potential that we could come  
21 back into open session with NuScale, we are going to  
22 have the ACRS staff monitoring the public line and  
23 providing periodic updates. And Scott Moore, are you  
24 available to discuss the logistics for that?

25 MR. MOORE: Yes, Mr. Chairman. We will

1 have a staff member, likely Larry, come on -- one of  
2 our branch chiefs come on, on the hour and give an  
3 update each hour between now and lunch for anybody  
4 that's on the public line. So once each hour, we'll  
5 give an update.

6 CHAIR SUNSERI: Okay. Thank you. I just  
7 want to be open and fair on this with the expectation  
8 so that people just -- well, I really don't anticipate  
9 coming back open until 2:30. But as we said, it's a  
10 contingency. And then we had some challenges with  
11 Skype yesterday, and I'm going to ask Christiana Lui  
12 of our staff to give us some update on the virtual  
13 meeting protocol and how we may avoid some problems  
14 today. Christiana?

15 MS. LUI: Okay. So one of the things that  
16 we have reminded everybody several times is that when  
17 not speaking, please, please mute your mic. And  
18 yesterday, we understand that it was a very engaging  
19 session. But there were at one time simply too many  
20 open mics, and that degrades the sound quality for  
21 everybody.

22 So what we're going to do today is that if  
23 we sense that it's going back to that particular  
24 stage, we're going to place block mute on everybody.  
25 That means that nobody will be able to speak. And we

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1 will remind everybody once we release the block mute,  
2 please go and then mute yourself if you're not  
3 speaking. We understand that sometimes people open --  
4 I mean, keep their mic open so they can jump in as  
5 soon as possible.

6 I think that we have conducted enough  
7 virtual meetings, people will know to wait a little  
8 bit for people to open their mic. Part of the reason  
9 we're going to have to do the block mute because there  
10 are too many people on the session for us to be able  
11 to scroll up and down and take your individual mic.  
12 That would just simply take too long.

13 Therefore, please watch your mic. And if  
14 you have your mic on the Smart Mic setting, in other  
15 words, that some of the mics will be set in such a way  
16 as soon as there is a sound, you are open  
17 automatically. Sometimes your mic is actually open  
18 when you're not intending to speak. While you're  
19 shuffling paper, there's some background noise. So be  
20 careful with that.

21 And if we do sense that there are more  
22 degradation, we're looking to where there is some  
23 system server issue. Yesterday, we confirmed that  
24 there was not a system server issue. So whatever was  
25 happening was happening locally within our session.

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1 Therefore, we really appreciate everybody's  
2 cooperation today to carefully monitor your mic when  
3 not speaking. Thank you. Thank you, Matt. Turning  
4 back to you.

5 CHAIR SUNSERI: Thank you, Christiana.  
6 And that's a good reminder. I mean, it's -- okay. So  
7 the last thing I wanted to say here just as a  
8 reminder, when we go into the open session on the  
9 TRISO report, I just want to acknowledge that Members  
10 Petti and Vice Chair Rempe will be recused from the  
11 TRISO discussions. So with that, we can now go into  
12 the --

13 VICE CHAIR REMPE: Matt, just to be clear,  
14 though, we are expected still to listen in and make  
15 factual corrections or not?

16 CHAIR SUNSERI: Yes. I mean --

17 VICE CHAIR REMPE: Okay. Thank you.

18 CHAIR SUNSERI: Members do not participate  
19 in the outcome of the deliberation but may provide  
20 factual corrections. Okay. So that's it. We can now  
21 go into the NuScale business. I would ask if any  
22 members have any follow-up questions from yesterday's  
23 session after you had a chance to think about it.  
24 Actually, I'm out of place here. Let me turn it over  
25 to Member Kirchner, the lead for this area to open up

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1 this session. I apologize for getting in front of  
2 you, Walt.

3 MEMBER KIRCHNER: Quite all right, Mr.  
4 Chairman. So I'll just, at this point, turn to my  
5 colleagues. And does anyone want to make a statement  
6 before we break off from this open session and go to  
7 the closed session?

8 Mr. Chairman, hearing no input from my  
9 colleagues, I think we should proceed to the closed  
10 session and the staff's presentations.

11 CHAIR SUNSERI: Okay. And just before we  
12 do that, I just want to, once again, remind everybody  
13 we are in open dialogue on this topic. And what  
14 you're hearing a lot of times is individual members  
15 comment probing the topic. But I would remind  
16 everybody that the ACRS has not formulated any  
17 conclusions or opinions on any other topics that we  
18 are discussing this week. And we'll only do so and  
19 communicate those through our written reports.

20 So I just wanted to keep everything in  
21 perspective as we proceed through these deliberations.  
22 So I guess at this point, we can open the public line  
23 up to see if there's any public comments for our  
24 interest at this time. So Thomas, can we open the  
25 public line?

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1 MR. DASHIELL: The public line is open for  
2 comment.

3 CHAIR SUNSERI: Thank you. If there are  
4 any members of the public that care to make a comment  
5 or make a statement at this time, please do so.

6 MS. FIELDS: Yes, this is Sarah Fields  
7 with Uranium Watch in Monticello, Utah. I hope that  
8 the transcript of these proceedings will be made  
9 available as soon as possible. These transcripts are  
10 relevant to the public. They're relevant to people in  
11 Utah who will be rate payers for a proposed NuScale  
12 design project.

13 The transcripts are relevant to NRC  
14 rulemaking that has to do with emergency planning. So  
15 I hope as soon as possible these transcripts and any  
16 letter report that comes from this week's  
17 deliberations will also be made publicly available as  
18 soon as possible. Thank you.

19 CHAIR SUNSERI: Thank you for those  
20 comments. Anyone else?

21 MR. BURKHART: Hey, Matt, this is Larry  
22 Burkhart. I'm on the public line. I just wanted to  
23 let everyone know with respect to the updates you were  
24 talking about -- Scott was talking about that I will  
25 provide the first update at 11:00 o'clock about the

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1 status of the Committee in closed session and when  
2 they plan on going public. I just want to make sure  
3 that the people on the public line hear that.

4 CHAIR SUNSERI: Okay, perfect. All right.  
5 Then no public comments, we will close the public  
6 line.

7 MR. DASHIELL: Public line is now closed.

8 CHAIR SUNSERI: And at this point, we will  
9 close the transcript and go into closed session. So  
10 members, please log off of this line and log into the  
11 closed session scheduler that you should have.

12 (Whereupon, the above-entitled matter went  
13 off the record at 9:41 a.m.)

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