

**ADVISORY COMMITTEE ON REACTOR SAFEGUARDS**  
**NuScale Subcommittee Meeting on**  
**Chapters 3.9.2, 14, 19 (except 19.4) and 21 Safety Evaluation with Open Items**  
**May 14 – 16, 2019, Rockville, MD**

**OPEN/CLOSED**

- AGENDA -

NuScale Subcommittee Chair: Vesna Dimitrijevic and Gordon Skillman  
Cognizant ACRS Staff/DFO: Mike Snodderly ([Michael.Snodderly@nrc.gov](mailto:Michael.Snodderly@nrc.gov), 301-415-2241)

**DAY 1: Tuesday, May 14, 2019**

TOPIC		PRESENTER	TIME
1	Opening Remarks	Vesna Dimitrijevic, ACRS	8:30 – 8:35 a.m.
2	Staff Opening Remarks	NRO	8:35 – 8:40 a.m.
3	Chapter 19.0, “Probabilistic Risk Assessment and Severe Accident Evaluation,” and 19.1, “Probabilistic Risk Assessment (PRA),” NuScale Design Certification Application (DCA) <b>(Open Session)</b>	NuScale	8:40 – 10:30 a.m.
4	Break		10:30 – 10:45 a.m.
5	Chapter 19.1 PRA DCA (Cont.) <b>(Open Session)</b>	NuScale	10:45 – 12:30 p.m.
6	Lunch		12:30 – 1:30 p.m.
7	Chapter 19.1 PRA Safety Evaluation (SE) with Open Items <b>(Open Session)</b>	NRO	1:30 – 3:00 p.m.
8	Break		3:00 – 3:15 p.m.
9	Chapter 19.1 PRA SE with Open Items (Cont.) <b>(Open Session)</b>	NRO	3:15 – 4:30 p.m.
10	Public Comments		4:30 – 4:45 p.m.
11	Subcommittee Discussion		4:45 – 5:00 p.m.
12	<b>Closed Session</b> on Chapter 19.1 <b>(Only If Needed)</b>	NuScale/NRO	5:00 – 5:45 p.m.
13	Adjourn		5:45 p.m.

**DAY 2: Wednesday, May 15, 2019**

TOPIC		PRESENTER	TIME
1	Opening Remarks	Vesna Dimitrijevic, ACRS	8:30 – 8:35 a.m.
2	Staff Opening Remarks	NRO	8:35 – 8:40 a.m.
3	Chapter 19.2, “Severe Accident Evaluation (SAE),” DCA <b>(Open Session)</b>	NuScale	8:40 – 10:10 a.m.
4	Break		10:10 – 10:25 a.m.
5	Chapter 19.2 SAE SE with Open Items <b>(Open Session)</b>	NRO	10:25 – 11:45 a.m.
6	Lunch		11:45 a.m. – 12:45 p.m.
7	Chapter 21, “Multi-Module Design Considerations,” DCA <b>(Open Session)</b>	NuScale	12:45 – 1:45 p.m.
8	Chapter 21, “Multi-Module Design Considerations,” SE with Open Items <b>(Open Session)</b>	NRO	1:45 – 2:30 p.m.
9	Chapter 19.3, “Regulatory Treatment of Non-Safety Systems,” DCA <b>(Open Session)</b>	NuScale	2:30 – 3:00 p.m.
10	Break		3:00 – 3:15 p.m.
11	Chapter 19.3, “Regulatory Treatment of Non-Safety Systems,” SE with Open Items <b>(Open Session)</b>	NRO	3:15 – 3:45 p.m.
12	Chapter 19.5, “Adequacy of Design Features and Functional Capabilities Identified and Described for Withstanding Aircraft Impacts,” DCA <b>(Open Session)</b>	NuScale	3:45 – 4:05 p.m.
13	Chapter 19.5, “Adequacy of Design Features and Functional Capabilities Identified and Described for Withstanding Aircraft Impacts,” SE with Open items <b>(Open Session)</b>	NRO	4:05 – 4:25 p.m.
14	Public Comments		4:25 – 4:35 p.m.
15	Subcommittee Discussion		4:35 – 4:45 p.m.
16	<b>Closed Session</b> on Chapters 19 and 21 <b>(Only If Needed)</b>		4:45 – 5:45 p.m.
17	Adjourn		5:45 p.m.

**DAY 3: Thursday, May 16, 2019**

TOPIC		PRESENTER	TIME
1	Opening Remarks	Gordon Skillman, ACRS	8:30 – 8:35 a.m.
2	Staff Opening Remarks	NRO	8:35 – 8:40 a.m.
3	Chapter 14, “Initial Test Program and Inspections, Tests, Analyses, and Acceptance Criteria,” DCA ( <b>Open Session</b> )	NuScale	8:40 – 10:00 a.m.
4	Break		10:00 – 10:15 a.m.
5	Chapter 14, “Initial Test Program and Inspections, Tests, Analyses, and Acceptance Criteria,” SE with Open Items ( <b>Open Session</b> )	NRO	10:15 – 11:40 a.m.
6	Public Comments		11:40 – 11:50 a.m.
7	Subcommittee Discussion		11:50 a.m. – Noon
8	<b>Closed Session</b> on Chapter 14 ( <b>Only If Needed</b> )	NuScale NRO	Noon – 12:30 p.m.
9	Lunch		12:30 – 1:15 p.m.
10	Opening Remarks	Gordon Skillman, ACRS	1:15 – 1:20 p.m.
11	Staff Opening Remarks	NRO	1:20 – 1:25 p.m.
12	Chapter 3.9.2, “Dynamic Testing and Analysis of Systems,” DCA ( <b>Open Session</b> )	NuScale	1:25 – 2:55 p.m.
13	Chapter 3.9.2, “Dynamic Testing and Analysis of Systems,” SE with Open Items ( <b>Open Session</b> )	NRO	2:55 – 3:30 p.m.
14	Break		3:30 – 3:45 p.m.
15	Chapter 3.9.2, “Dynamic Testing and Analysis of Systems,” SE with Open Items (Cont.) ( <b>Open Session</b> )	NRO	3:45 – 4:40 p.m.
16	Public Comments		4:40 – 4:50 p.m.
17	Subcommittee Discussion		4:50 – 5:00 p.m.
18	<b>Closed Session</b> on Chapter 3.9.2 ( <b>Only If Needed</b> )	NuScale NRO	5:00 – 5:30 p.m.
19	Adjourn		5:30 p.m.

- During the meeting, use 302-415-7360 to contact the ACRS Office.
- Presentation time should not exceed 50 percent of the total time allocated for a given item. The remaining 50 percent of the time is reserved for discussion.
- Thirty five hard copies of each presentation or handout should be provided to the Designated Federal Official (DFO)/ACRS Contact 30 minutes before the meeting.
- One electronic copy of each presentation should be e-mailed to the DFO/ACRS Contact one day before the meeting.