

Advisory Committee on Reactor Safeguards

SHINE OPERATING LICENSE APPLICATION

SHINE Subcommittee

Open/Closed

July 19-20, 2022

*This will be a **virtual meeting** with remote capability. Members of the public may observe open portions of the meeting by using the MSTeams link below or using the bridgeline number. All times are Eastern.

Microsoft Teams meeting

[Click here to join the meeting](#) (press CTRL and click)

If you would like the MSTeams link forwarded to you, please contact the Designated Federal Officer as follows: Christopher.Brown@nrc.gov Or call in (audio only) [+1 301-576-2978](tel:+13015762978), [147337250#](tel:+13015762978)

Cognizant Staff Engineer: Christopher L. Brown (301)-415-7111

July 19, 2022, Day 1

Item	Topic	Presenter(s)	Time
1	Opening Remarks and Objectives	Professor Ronald Ballinger, ACRS	9:30 – 9:35 a.m.
2	Staff Opening Remarks	Josh Borromeo, UNPL BC, NRR	9:35 – 9:40 a.m.
3	Chapter 3, Section 3.1, Design Criteria	SHINE Medical Technologies, LLC	9:40 – 10:15 a.m.
4	Chapter 3, Section 3.1, Design Criteria	NRC Staff	10:15 – 10:45 a.m.
5	Break		10:45 – 11:00 a.m.
6	Chapter 9, Section 9a.3, Fire Protection	SHINE Medical Technologies, LLC	11:00 – 11:30 a.m.
7	Chapter 9, Section 9a.3, Fire Protection	NRC Staff	11:30 – 12:00 p.m.
8	Lunch		12:00 – 1:00 p.m.
9	Chapter 7, Instrumentation and Control (Safety-Related Systems)	SHINE Medical Technologies, LLC	1:00 – 3:00 p.m.
10	Chapter 7, Instrumentation and Control (Safety-Related Systems)	NRC Staff	3:00 – 3:30 p.m.
11	Break		3:30 – 3:45 p.m.
12	Chapter 7, Instrumentation and Control (Safety-Related Systems)	NRC Staff (continued)	3:45 – 4:15 p.m.
13	Public Comments	Prof. Ballinger	4:15 – 4:20 p.m.
14	Closed Session - Chapter 7, Instrumentation and Control (Safety-Related Systems)	SHINE Medical Technologies, LLC	4:20 – 5:15 p.m.
15	Closed Session - Chapter 7, Instrumentation and Control (Safety-Related Systems) (if needed)	NRC Staff	5:15 – 5:45 p.m.
16	Committee Discussion	Prof. Ballinger	5:45 – 6:00 p.m.
17	Adjourn		6:00 p.m.

July 20, 2022, Day 2

Item	Topic	Presenter(s)	Time
1	Opening Remarks and Objectives	Professor Ronald Ballinger, ACRS	9:30 – 9:35 a.m.
2	Staff Opening Remarks	Josh Borromeo, UNPL Branch Chief, NRR	9:35 – 9:40 a.m.
3	Chapter 12, Section 12.10, Operator Training/Requalification	SHINE Medical Technologies, LLC	9:40 – 10:15 a.m.
4	Chapter 12, Section 12.10, Operator Training/Requalification	NRC Staff	10:15 – 10:45 a.m.
5	Break		10:45 – 11:00 a.m.
6	Chapter 12, Section 7.9, Human Factors Engineering	SHINE Medical Technologies, LLC	11:00 – 11:30 a.m.
7	Chapter 12, Section 7.9, Human Factors Engineering	NRC Staff	11:30 – 12:00 p.m.
8	Lunch		12:00 – 1:00 p.m.
9	Chapter 12, Conduct of Operations (Organization, Review and Audit Activities, Procedures, Required Actions, Reports/Records)	SHINE Medical Technologies, LLC	1:00 – 1:30 p.m.
10	Chapter 12, Conduct of Operations (Organization, Review and Audit Activities, Procedures, Required Actions, Reports/Records)	NRC Staff	1:30 – 2:00 p.m.
11	Chapter 12, Section 12.11 Startup Plan	SHINE Medical Technologies, LLC	2:00 – 2:30 a.m.
12	Chapter 12, Section 12.11 Startup Plan	NRC Staff	2:30 – 3:00 p.m.
13	Public Comments	Prof. Ballinger	3:00 – 3:15 p.m.
14	Break		3:15 – 3:30 p.m.
15	Closed Session (if needed)	SHINE Medical Technologies, LLC	3:30 – 4:30 p.m.
16	Closed Session (If needed)	NRC Staff	4:30 – 5:30 p.m.
17	Committee Discussion	Prof. Ballinger	5:30 – 6:00 p.m.
18	Adjourn		6:00 p.m.

[NOTE: Pursuant to 5 U.S.C. 552b(c)(2) and (6), a portion of this meeting may be closed to discuss organizational and personnel matters that relate solely to internal personnel rules and practices of the ACRS, and information the release of which would constitute a clearly unwarranted invasion of personal privacy.]

NOTES:

Members of the public may observe open portions of the meeting by using the MSTeams link above or using the bridgeline number 301-576-2978 with passcode 147337250# Participants on this line will be muted except when the Chairman opens the meeting to public comment. When appropriate, members of the public and representatives of the nuclear industry may provide their views during the briefings. 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. One (1) electronic copy of the presentation materials should be provided to the ACRS in advance of the briefing.