

**Advisory Committee on Reactor Safeguards
Future Plant Designs Subcommittee Meeting on
Integration of Source Term Activities in Support of Advance Reactor Initiatives
Rockville, MD
February 17, 2022
- Agenda –
(Open)**

Future Plant Designs Subcommittee Chair: Dave Petti
Cognizant ACRS Staff: Mike Snodderly (Michael.Snodderly@nrc.gov)

	Topic	Presenter(s)	Time
I	Opening Remarks	Dave Petti, ACRS	9:30-9:35 am
II	Staff Introduction	John Segala, NRR	9:35-9:40 am
III	History and Evolution of LWR Source Term	Mark Blumberg, NRR	9:40-10:10 am
IV	NRC analytical tools and past studies SCALE/MELCOR non-LWR reference plant analysis	Hossein Esmaili, RES or Jason Schaperow, NRR	10:10-10:55 am
	Break		10:55-11:10 am
IV	Agenda Item IV Continued	Hossein Esmaili, RES or Jason Schaperow, NRR	11:10-12:00 pm
V	NuScale EPZ Sizing Methodology Topical Report, Rev. 2 Light water SMR design certification source term approach Source term approach for early non-LWR movers	Michelle Hart, NRR	12:00 - 1:00 pm
	Lunch		1:00-2:00 pm
VI	Accident-consequence-related regulation activities	Michelle Hart, NRR	2:00-3:00 pm
	Break		3:00-3:15 pm
VII	Guidance and information for developing advanced reactor source term	Bill Reckley, NRR, Michelle Hart, NRR, and Tim Drzewiecki, NRR	3:15-4:30 pm
VIII	Guidance for developing advanced reactor source term (long-term)	Bill Reckley, NRR	4:30-5:30 pm
IX	Opportunity for Public Comment		5:30-5:40 pm
X	Member Discussion	ACRS	5:40 - 6:00 pm
	Adjourn		6:00 pm

- Members of the public interested in listening to the subcommittee meeting should call (301) 576-2978 and use conference identification number 782298450#.
- During the meeting, use 301-415-7360 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.
- One electronic copy of each presentation should be e-mailed to the Designated Federal Official listed above one day before the meeting.