

RADIATION PROTECTION AND NUCLEAR MATERIALS SUBCOMMITTEE MEETING

INFORMATION BRIEFING ON REGULATORY GUIDE 1.249, REVISION 0 “USE OF ARCON METHODOLOGY FOR CALCULATION OF ACCIDENT-RELATED OFFSITE ATMOSPHERIC DISPERSION FACTORS”

July 22, 2022

OPEN TO PUBLIC

AGENDA

Subcommittee Meeting Chair: Gregory Halnon
Cognizant ACRS Staff: Weidong Wang
Location: NRC HQ with online Teams Virtual Meeting

Microsoft Teams meeting

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Phone Conference ID: 233 203 553#

	Topic	Presenter	Time/Duration
OPEN SESSION			
1	ACRS Chairman Introductory Remarks	Chairman	9:30AM – 9:35AM
2	NRC Staff Introductory Remarks	NRC Staff	9:35AM – 9:40AM
3	Overview of calculating atmospheric dispersion (χ/Q) and how it is used in the design of site buildings and systems.	Kevin Quinlan	9:40AM -
4	What is used presently for calculation of χ/Q for low population zones.	Kevin Quinlan	
5	Describe the interrelationships of RGs 1.23, 1.194, and 1.141	Kevin Quinlan	
6	What is the expanded use of ARCON96 and any limitations on use (technology, site characteristics, size of plant or buildings).	Jason White	
7	Where should we expect to see this being used and what benefits will be realized	Jason White	- 11:00AM
8	Public comment		11:00AM – 11:15AM

Notes:

- During the meeting, 301-415-7360 should be used to contact anyone in the ACRS Office.
- “*Federal Register* Notice 84 FR 27662 (<https://www.govinfo.gov/content/pkg/FR-2019-0613/pdf/2019-12425.pdf>) dated June 13, 2019, describes procedures to be followed with respect to meetings conducted by the U.S. Nuclear Regulatory Commission’s (NRC’s) Advisory Committee on Reactor Safeguards (ACRS) pursuant to the Federal Advisory Committee Act (FACA) and NRC implementing regulations found at Title 10 of the *Code of Federal Regulations* Part 7, “Advisory Committees.” Members of the public who desire to provide written or oral input for ACRS Full Committee and Subcommittee meetings may do so and should contact the Designated Federal Officer (DFO – listed above) five days prior to the meeting, as practicable. In addition, there will be time allotted at each meeting for the public to provide oral comment.
- 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 each presentation should be emailed to the Designated Federal Officer 1 day before the meeting.