

Response to SDAA Audit Question

Question Number: A-11.5-3

Receipt Date: 06/05/2023

Question:

Initial Question:

How is NuScale addressing the calibration requirements for their radiation monitoring? Previously the applicant referenced information on EPRI TR-102644 and RG 1.21 but this information is no longer included in the SDAA Section 11.5.

NRC Follow-up Response:

The response to item A-11.5-3 is not adequate. NuScale proposes updates to the application to provide a little detail on radiation monitor calibration, but the level of information provided is not sufficient. The response says radiation monitor calibration will follow ALARA principles and industry guidance but does not provide any indication of what the industry guidance being used is. The application should contain a similar level of detail regarding the calibration of radiation monitors as was provided in the DCA. As an alternative, the SDA should provide a COLA item for the COL applicant to provide additional information regarding the calibration requirements for radiation monitors.

Response:

NuScale SDA Section 13.5 includes COL Item 13.5-6 that requires applicants to describe site-specific maintenance and other operating procedures, which include calibration and test procedures. NuScale partially conforms to Regulatory Guide (RG) 1.21. Issuance of the calibration and test procedures is the responsibility of the COL applicant.

No changes to the SDAA are necessary.