

NuScaleDCRaisPEm Resource

From: Chowdhury, Prosanta
Sent: Saturday, March 10, 2018 10:49 PM
To: Request for Additional Information
Cc: Lee, Samuel; Cranston, Gregory; Markley, Anthony; Dias, Antonio; Le, Hien; NuScaleDCRaisPEm Resource
Subject: Request for Additional Information No. 385 eRAI No. 9356 (09.02.07)
Attachments: Request for Additional Information No. 385 (eRAI No. 9356).pdf

Attached please find NRC staff's request for additional information (RAI) concerning review of the NuScale Design Certification Application.

Please submit your technically correct and complete response within 60 days of the date of this RAI to the NRC Document Control Desk.

If you have any questions, please contact me.

Thank you.

Prosanta Chowdhury, Project Manager
Licensing Branch 1 (NuScale)
Division of New Reactor Licensing
Office of New Reactors
U.S. Nuclear Regulatory Commission
301-415-1647

Hearing Identifier: NuScale_SMR_DC_RAI_Public
Email Number: 415

Mail Envelope Properties (BN7PR09MB2609BFF7E42EB0C3F13995749EDC0)

Subject: Request for Additional Information No. 385 eRAI No. 9356 (09.02.07)
Sent Date: 3/10/2018 10:48:37 PM
Received Date: 3/10/2018 10:48:42 PM
From: Chowdhury, Prosanta

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Post Office: BN7PR09MB2609.namprd09.prod.outlook.com

Files	Size	Date & Time
MESSAGE	556	3/10/2018 10:48:42 PM
Request for Additional Information No. 385 (eRAI No. 9356).pdf		72783

Options

Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

Request for Additional Information No. 385 (eRAI No. 9356)

Issue Date: 03/10/2018

Application Title: NuScale Standard Design Certification - 52-048

Operating Company: NuScale Power, LLC

Docket No. 52-048

Review Section: 09.02.07 - Site Cooling Water System (NuScale SMR design)

Application Section:

QUESTIONS

09.02.07-6

10 CFR 52.47(a)(24) & (25) require a design certification application to contain a final safety analysis report (FSAR) that describes the facility ... and must include "a representative conceptual design for those portions of the plant for which the application does not seek certification, to aid the NRC in its review of the FSAR and to permit assessment of the adequacy of the interface requirements," which "must be sufficiently detailed to allow completion of the FSAR."

In RAI 9116, Question 09.02.07-4, the staff requested the applicant to clearly describe in FSAR Sections 1.2 and 9.2.7 which portions of the site cooling water system (SCWS) are parts of the design certification and which are considered site-specific or conceptual design information (CDI). In its response to the RAI dated November 13, 2017, the applicant stated that the entire SCWS is conceptual design and proposed changes to FSAR Section 1.2 to indicate the design of the SCWS as CDI by enclosing the information within double brackets [[]]. The staff considered this response incomplete in that the applicant did not propose any conforming changes to FSAR Section 9.2.7 to specifically mark in the detailed description of the SCWS the applicable CDI including specifying all interface requirements to other plant systems that are in the scope of the certified design. Therefore, the applicant is requested to revise FSAR Section 9.2.7 to provide such markings or otherwise justify their omission.