

February 9, 2016

Mr. Thomas A. Bergman
Vice President, Regulatory Affairs
NuScale Power, LLC
1100 Circle Boulevard, Suite 200
Corvallis, OR 97330

SUBJECT: NUSCALE SMALL MODULAR REACTOR – WITHDRAWAL OF REQUESTED LICENSING TOPICAL REPORT RE: EFFLUENT RELEASE (GALE REPLACEMENT) METHODOLOGY SUBMITTED TO NRC FOR ACCEPTANCE REVIEW (CAC NO. RQ6003)

Dear Mr. Bergman:

In a September 30, 2015, letter (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15275A204), NuScale submitted licensing topical report (TR) “Effluent Release (GALE Replacement) Methodology.” The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff’s acceptance review of this licensing TR. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the licensing TR has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

In a December 10, 2015, letter (ADAMS Accession No. ML15345A280), NuScale requested to withdraw the licensing TR from NRC staff review. The NRC staff acknowledges your request to withdraw the licensing TR. The NRC staff activities on the review have ceased and the associated Cost Activity Code number has been closed.

The NRC staff notes that its review to date has identified that your application did not provide the following technical information in sufficient detail to enable the NRC staff to complete its detailed review pursuant to Title 10 of the *Code of Federal Regulations*, Part 20 and Appendix I of Part 50. Therefore, if you decide to re-submit the request, it must include the following information:

- The specific methodology details, including the calculations and numerical values must be available. NuScale should consider using the guidance as outlined in NUREG-0800, Standard Review Plan, or the draft Design Specific Review Standards in providing comparable information, similar to large reactors.
- The span of information provided needs to include both normal operation and anticipated operational occurrences for the radioactive gaseous and liquid effluents
- Source terms to include water activation products that are produced in the large reactor pool.
- All parameters used in any methodology must be defined..

T. Bergman

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If you have any questions, please contact the NuScale Project Manager, Rocky D. Foster, at (301) 415-5787.

Sincerely,
/RA/

Rocky D. Foster, Project Manager
Licensing Branch 1
Division of New Reactor Licensing
Office of New Reactors

Project No.: PROJ0769

cc: NuScale Power LLC Listserv

T. Bergman

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If you have any questions, please contact the NuScale Project Manager, Rocky D. Foster, at (301) 415-5787.

Sincerely,
/RA/

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Division of New Reactor Licensing
Office of New Reactors

Project No.: 0769

cc: NuScale Power LLC Listserv

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LB1 Branch R/F

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RFoster, NRO

ADAMS Accession No.: ML15349A783

***via email**

NRO-002

OFFICE	NRO/DNRL/LB1: PM	NRO/DNRL/LB1: LA	NRO/DNRL/LB1: LPM	NRO/DSEA/RPAC: BC	NRO/DNRL/LB1: BC
NAME	RFoster*	JMcLellan*	GCranston*	MMcCoppin* LBurkhart for	MTonacci*
DATE	12/17/2015	12/17/2015	12/18/2015	02/02/2016	02/09/2016

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