

November 18, 2014

Dr. Jose N. Reyes, Jr.
Chief Technology Officer
1100 Circle Boulevard, Suite 200
Corvallis, OR 97330

SUBJECT: AUDIT PLAN TO REVIEW NUSCALE™ POWER, LLC SMALL MODULAR REACTOR DESIGN DATA AND SPECIFICATIONS TO ASSIST NRC STAFF IN PREPARING DESIGN SPECIFIC REVIEW STANDARDS FROM NOVEMBER 14, 2014 TO DECEMBER 31, 2014.

Dear Dr. Reyes:

During the period from November 14, 2014, to December 31, 2014, U.S. Nuclear Regulatory Commission (NRC) staff plans to periodically review documents located at the NuScale local office located at 11333 Woodglen Drive, Rockville, MD, 20852. The NRC staff's review of these documents will not be for the purpose of reaching a regulatory decision but rather to assist in developing the Design Specific Review Standard (DSRS) that will assist the NRC staff in reviewing the NuScale design if submitted to the NRC for review. Enclosed is an audit plan pertaining to this audit.

Should you have any questions regarding this matter, I may be reached at (301) 415-8730.

Sincerely,

/RA/

Stewart Magruder, Branch Chief
Small Modular Reactor Licensing Branch
Division of Advanced Reactors and Rulemaking
Office of New Reactors

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Enclosure: Audit Plan

Project No.: PROJ0769

DISTRIBUTION:
PUBLIC
NuScale ListServ

ADAMS ACCESSION NO.: ML14318A460		NRO-002
OFFICE	PM:NRO/DARR/SMRLB	BC:NRO/DARR/SMRLB
NAME	GCranston	SMagruder
DATE	11/17/14	11/18/14

OFFICIAL RECORD ONLY

AUDIT PLAN TO REVIEW NUSCALE SMALL MODULAR REACTOR SYSTEM DESCRIPTIONS AND FUNCTIONAL DIAGRAMS

A. Background

NuScale Power, LLC (NuScale) has provided draft sets of system descriptions, flow diagrams, and/or functional diagrams for selected systems of their small modular reactor (SMR) design at their local office in Rockville, MD as they become available. The titles of the documents reviewed during the audit will be identified in a U.S. Nuclear Regulatory Commission (NRC) pre-application audit summary report when published at the end of the audit period. The audit summary will be available via the NRC Agencywide Documents Access and Management System (ADAMS).

The purpose of this audit is to review internal NuScale draft documentation of the NuScale SMR design to allow NRC technical staff to gain a better understanding of the SMR design during the pre-application phase of activities. This will assist the NRO staff in the development of its Design Specific Review Standard (DSRS). The DSRS will be used to facilitate review of the NuScale design if NuScale submits a design certification application. During the audit and interactions with the applicant, there may be NRC requests for information developed, which would be part of future formal correspondence.

B. Regulatory Audit Bases

Per Office Instruction NRO-REG-108, a regulatory audit is a planned, license or regulation-related activity that includes the examination and evaluation of primarily non-docketed information. A regulatory audit is conducted with the intent to gain understanding, to verify information, and/or to identify information that will require docketing to support the basis of the licensing or regulatory decision.

C. Regulatory Audit Scope or Methodology

The audit will be an ongoing activity during the period from November 14, 2014, to December 31, 2014, to allow NRC technical staff, on an as needed basis, to go to the local NuScale office to review appropriate documents. The specific audits will be scheduled and coordinated through the NRO NuScale Project Manager and NRO project management will be represented at each audit session. The audit will be conducted in several phases and each audit phase is expected to be a few hours.

D. Special Requests

The NRC requests that NuScale provide a working space for the duration of the audit at the NuScale Rockville Office.

E. Audit Team

The audit team will consist of one or more NRO technical staff and an NRO Project Manager, who will be identified in the audit summary report.

Enclosure

F. Logistics

Date: November 14, 2014, to December 31, 2014 (Multiple, non-consecutive dates)
Time: To be determined on a case by case basis
Location: NuScale Offices, Rockville, Maryland
Point-of-Contact: Steve Mirsky, NuScale
Gregory Cranston, NRC

G. Deliverables

Within 90 days of completion of the final phase of the audit, the audit team will generate an NRC pre-application audit summary if any audits were conducted. Though proprietary information may be reviewed, the NRO staff will generate a non-proprietary audit summary. This summary will provide a list of documents audited by the audit team.