



May 6, 2015

Docket: PROJ0769

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852-2738

SUBJECT: NuScale Power, LLC Submittal of Human Factors Engineering (HFE) Implementation Plans (NRC Project No. 0769)

REFERENCES:

1. NuScale Power, LLC Submittal of the "Human Factors Engineering (HFE) Operating Experience Review Technical Report," NP-RP-0813-4249, Revision 0, dated December 2013 (ML13352A312),
2. NuScale Power, LLC Submittal of the "Functional Requirements Analysis and Function Allocation Engineering Report," NP-RP-0913-4674, Revision 1; dated November 2013 (ML13352A455),
3. NuScale Power, LLC Submittal of the "Human Factors Engineering Task Analysis Technical Report," Revision 0, RP-0902-5473; dated February 2014 (ML14086A001)

NuScale Power, LLC (NuScale) hereby submits the following Human Factors Engineering (HFE) Implementation Plans: (1) Revision 1 of the "Human Factors Engineering Operating Experience Review Implementation Plan" (RP-0914-8535), (2) Revision 1 of the "Human Factors Engineering Functional Requirements Analysis and Function Allocation Implementation Plan" (RP-0914-8536), (3) Revision 0 of the "Human Factors Engineering Task Analysis Implementation Plan" (RP-0914-8537), and (4) Revision 0 of the "Human Factors Engineering Human-System Interface Design Implementation Plan" (RP-0914-8540).

Consistent with recent discussions with the NRC staff regarding pre-application engagement, NuScale requests NRC review of the four implementation plans listed above with 60 days in order to provide comments to NuScale via teleconference or meeting in the near future.

Enclosures 1 through 4 contain the nonproprietary versions of the subject documents for public disclosure. Enclosures 5 through 8 contain the proprietary versions of the subject documents and NuScale requests that the proprietary versions be withheld from public disclosure in accordance with the requirements of 10 CFR § 2.390. The enclosed affidavit (Enclosure 9) supports this request. This correspondence includes certain preliminary information which reflects the current stage of NuScale's analysis and may be subject to change.

Please feel free to contact me at 980-349-4831 or at zrad@nuscalepower.com if you have any questions.

Sincerely,

Zackary Rad
Manager, Licensing Support

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NR0

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Enclosure 1: "Human Factors Engineering Operating Experience Review Implementation Plan,"
RP-0914-8535-NP, Revision 1, Nonproprietary version

Enclosure 2: "Human Factors Engineering Functional Requirements Analysis and Function Allocation
Implementation Plan," RP-0914-8536-NP, Revision 1, Nonproprietary version

Enclosure 3: "Human Factors Engineering Task Analysis Implementation Plan," RP-0914-8537-NP,
Revision 0, Nonproprietary version

Enclosure 4: "Human Factors Engineering Human-System Interface Design Implementation Plan,"
RP-0914-8540-NP, Revision 0, Nonproprietary version

Enclosure 5: "Human Factors Engineering Operating Experience Review Implementation Plan,"
RP-0914-8535-P, Revision 1, Proprietary version

Enclosure 6: "Human Factors Engineering Functional Requirements Analysis and Function Allocation
Implementation Plan," RP-0914-8536-P, Revision 1, Proprietary version

Enclosure 7: "Human Factors Engineering Task Analysis Implementation Plan," RP-0914-8537-P,
Revision 0, Proprietary version

Enclosure 8: "Human Factors Engineering Human-System Interface Design Implementation Plan,"
RP-0914-8540-P, Revision 0, Proprietary version

Enclosure 9: Affidavit, AF-0415-13827