



August 6, 2015

Docket: PROJ0769

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

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

**REFERENCE:** NuScale Power, LLC Submittal of Human Factors Engineering (HFE) Implementation Plans (ML15139A214), dated May 6, 2015

In the reference letter dated May 6, 2015 NuScale Power, LLC (NuScale) submitted an initial set of Human Factors Engineering (HFE) implementation plans. NuScale hereby submits a second set of implementation plans: (1) Revision 0 of the "Human Factors Engineering Staffing and Qualifications Implementation Plan" (RP-0914-8538), (2) Revision 0 of the "Human Factors Engineering Treatment of Important Human Actions Implementation Plan" (RP-0914-8539), (3) Revision 0 of the "Human Factors Engineering Design Implementation Implementation Plan" (RP-0914-8544), and (4) Revision 0 of the "Human Factors Engineering Human Performance Monitoring Implementation Plan" (RP-0914-8545).

Consistent with recent discussions with the NRC staff regarding pre-application engagement, NuScale requests that the NRC review the four implementation plans listed above within 60 days and provide comments to NuScale.

Enclosures 1 through 4 contain the non-proprietary versions of the four implementation plans, and Enclosures 5 and 6 contain the proprietary versions of the implementation plans for HFE Staffing and Qualifications and Treatment of Important Human Actions. 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 7) supports this request. This correspondence includes certain preliminary information which reflects the current stage of NuScale's analysis and may be subject to change.

This letter makes no regulatory commitments and no revisions to any existing regulatory commitments.

Please feel free to contact me at 301-770-0472 or at [smirsky@nuscalepower.com](mailto:smirsky@nuscalepower.com) if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Steven Mirsky'.

Steven Mirsky  
NuScale Power, LLC  
Licensing Manager, Washington DC

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NRO

- Enclosure 1: "Human Factors Engineering Staffing and Qualifications Implementation Plan," RP-0914-8538-NP, Revision 0, nonproprietary version
- Enclosure 2: "Human Factors Engineering Treatment of Important Human Actions Implementation Plan," RP-0914-8539-NP, Revision 0, nonproprietary version
- Enclosure 3: "Human Factors Engineering Design Implementation Implementation Plan," RP-0914-8544-NP, Revision 0, nonproprietary version
- Enclosure 4: "Human Factors Engineering Human Performance Monitoring Implementation Plan," RP-0914-8545-NP, Revision 0, nonproprietary version
- Enclosure 5: "Human Factors Engineering Staffing and Qualifications Implementation Plan," RP-0914-8538-P, Revision 0, proprietary version
- Enclosure 6: "Human Factors Engineering Treatment of Important Human Actions Implementation Plan," RP-0914-8539-P, Revision 0, proprietary version
- Enclosure 7: Affidavit, AF-0715-15977