NuScale Power™

LO-0518-60081

May 23, 2018

Docket No. 52-048

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 Changes to of the Design Certification Application, Part 3, *Applicant's Environmental Report – Standard Design Certification*

REFERENCE: Letter from NuScale Power, LLC to U.S. Nuclear Regulatory Commission, "NuScale Power, LLC Submittal of the NuScale Standard Plant Design Certification Application, Revision 1", dated March 15, 2018 (ML18086A090)

During review of the NuScale Power, LLC (NuScale) Part 3, *Applicant's Environmental Report – Standard Design Certification* of the referenced Design Certification Application (DCA) and associated engineering documents, NuScale identified an item that required correction. This correction has been evaluated to have no significant impact. The enclosure to this letter provides a mark-up of the page that corrects Part 3 of the DCA, in redline/strikeout format. NuScale will include this change as a part of a future revision to the NuScale DCA.

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

Please contact Steve Mirsky at 240-833-3001 or at smirsky@nuscalepower.com if you have any questions.

Sincerely,

Zackary W. Rad
Director, Regulatory Affairs
NuScale Power, LLC

Distribution: Samuel Lee, NRC, OWFN-8G9A
Gregory Cranston, NRC, OWFN-8G9A
Rani Franovich, NRC, OWFN-8G9A
Mallecia Sutton, NRC, OWFN-8G9A

Enclosure: "Changes to of the Design Certification Application, Part 3, *Applicant's Environmental Report – Standard Design Certification*"

Enclosure:

"Changes to of the Design Certification Application, Part 3, *Applicant's Environmental Report – Standard Design Certification"*

NuScale Power, LLC
1100 NE Circle Blvd., Suite 200 Corvallis, Oregon 97330 Office 541.360-0500 Fax 541.207.3928
www.nuscalepower.com

Table B-5: Best Estimate Core Inventory

NuScale Best Estimate Core Inventory (Bq)					
Kr-85	2.52E+15	**I-135**	3.13E+17	**Ce-144**	2.18E+17
Kr-85m	4.54E+16	**Te-127**	1.40E+16	**Np-239**	2.95E+18
Kr-87	9.04E+16	**Te-127m**	2.22E+15	**Pu-238**	4.99E+14
Kr-88	1.19E+17	**Te-129**	4.07E+16	**Pu-239**	9.76E+13
Xe-133	3.31E+17	**Te-129m**	7.01E+15	**Pu-240**	1.08E+14
Xe-135	1.41E+17	**Te-131m**	2.89E+16	**Pu-241**	2.75E+16
Xe-135m	6.93E+16	**Te-132**	2.27E+17	**Zr-95**	2.79E+17
Cs-134	2.40E+16	**Te-131**	1.37E+17	**Zr-97**	2.76E+17
Cs-136	7.77E+15	**Rh-105**	1.47E+17	**Am-241**	4.52E+13
Cs-137	2.52E+16	**Ru-103**	2.35E+17	**Cm-242**	8.29E+15
Rb-86	2.07E+14	**Ru-105**	1.53E+17	**Cm-244**	3.14E+14
Rb-88	1.21E+17	**Ru-106**	8.05E+16	**La-140**	2.92E+17
Ba-139	2.95E+17	**Rh-103m**	2.33E+17	**La-141**	2.69E+17
Ba-140	2.85E+17	**Rh-106**	8.60E+16	**La-142**	2.60E+17
Sr-89	1.66E+17	**Nb-95**	2.80E+17	**Nd-147**	~~2.86E+15~~1.07E+17
Sr-90	1.94E+16	**Co-58**	5.07E+12	**Pr-143**	~~1.07E+17~~2.49E+17
Sr-91	2.08E+17	**Co-60**	2.33E+13	**Y-90**	1.98E+16
Sr-92	2.22E+17	**Mo-99**	3.00E+17	**Y-91**	2.12E+17
Ba-137m	2.39E+16	**Tc-99m**	2.64E+17	**Y-92**	2.24E+17
I-131	1.58E+17	**Nb-97**	2.77E+17	**Y-93**	2.50E+17
I-132	2.31E+17	**Nb-97m**	2.62E+17	**Y-91m**	1.22E+17
I-133	3.30E+17	**Ce-141**	2.70E+17	**Pr-144**	2.19E+17
I-134	3.72E+17	**Ce-143**	2.55E+17	**Pr-144m**	2.58E+15

CP-0615, CP2-1081