



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

November 21, 2017

Dr. Dennis C. Bley, Chairman  
Advisory Committee on Reactor Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

SUBJECT: SAFETY EVALUATION OF THE NUSCALE POWER, LLC, TOPICAL  
REPORT-0116-20825-P, "APPLICABILITY OF AREVA FUEL METHODOLOGY  
FOR THE NUSCALE DESIGN," REVISION 1

Dear Dr. Bley:

In its letter dated October 20, 2017, the Advisory Committee on Reactor Safeguards (ACRS) reported on its review of the staff's safety evaluation report (SER) for the NuScale Power, LLC, Licensing Topical Report (TR)-0116-20825-P, "Applicability of AREVA Fuel Methodology for the NuScale Design," Revision 1. (Agencywide Documents Access and Management System Accession No. ML17290B057). The ACRS concluded that the AREVA methods and codes discussed in the NuScale TR, with the noted modifications and staff-imposed limitation, are applicable for use in analyzing the NuScale fuel design and that the SER should be issued.

The staff appreciates the ACRS's review and recommendation and plans to issue the SER by mid-December 2017.

We look forward to working with the ACRS in the future.

Sincerely,

*/RA by Frederick D. Brown for/*

Victor M. McCree  
Executive Director  
for Operations

Project No. 0769

cc: Chairman Svinicki  
Commissioner Baran  
Commissioner Burns  
SECY

SUBJECT: SAFETY EVALUATION OF THE NUSCALE POWER, LLC, TOPICAL  
 REPORT-0116-20825-P, "APPLICABILITY OF AREVA FUEL METHODOLOGY  
 FOR THE NUSCALE DESIGN," REVISION 1, DATED: November 21, 2017

**DISTRIBUTION: OEDO-17-00674**

PUBLIC  
 Reading File  
 BBavol, NRO  
 SGreen, NRO  
 RKarras, NRO  
 RidsNroOd  
 RidsNroDsea  
 RidsNroDsra  
 RidsNroDeia  
 RidsOpaMail  
 RidsNroDnrl  
 RidsNroDnrlLb1  
 RidsOcaMailCenter  
 RidsOgcMailCenter  
 RidsNroMailCenter  
 RidsAcrsAcnwMailCtr

**ADAMS Accession Nos.: ML17299A630 (pkg); ML17304B473 (ltr)** \*via e-mail EDO-002

OFFICE	NRO:DNRL:LB1:PM	NRO:DNRL:LB1:LA	QTE
NAME	BBavol	SGreen*	KAzariah-Kribbs*
DATE	11/06/2017	11/02/2017	10/31/2017
OFFICE	NRO:DNRL:LB1:BC	NRO: DNRL: D	NRO: D
NAME	SLee	FAkstulewicz (ABradford for)	VOrdaz (MMayfield for)
DATE	11/06/2017	11/07/2017	11/09/2017
OFFICE	EDO		
NAME	VMcCree FBrown for		
DATE	11/21/2017		

**OFFICIAL RECORD COPY**