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Uncontrolled
NP-LO-0210-020

February 24, 2010

U.S. Nuclear Regulatory Commission
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SUBJECT: NuScale Power Inc. (NuScale) Response to Regulatory Issue Summary (RIS) 2010-01 (NRC Project No. 0769)

REFERENCES: Regulatory Issue Summary (RIS) 2010-01, "Process for Scheduling Acceptance Reviews of New Reactor Licensing Applications and Process for Determining Budget Needs for Fiscal Year 2012", February 3, 2010. ADAMS ML093230517

The purpose of this letter is to provide the NRC with NuScale schedule information in response to RIS 2010-01, as referenced. NuScale plans to submit its Design Control Document (DCD) between January 1, 2012 and March 31, 2012 with a best estimate date of January 31, 2012.

NuScale anticipates an Owner/Operator will submit a letter of intent for a Combined Operating License Application (COLA) for construction and operation of a NuScale plant to the NRC in the later part of Fiscal Year (FY 2010) with a best estimate date of October 31, 2010. NuScale will support that applicant in interactions with the NRC.

NuScale plans to continue quarterly pre-application meetings with the NRC to address issues related to multi-module plant licensing and operations during FY 2010 and 2011. The purpose of these meetings is to ensure that the highest quality DCD will be submitted for review by the NRC and would include, but would not be limited to, discussions on Fuels Development, I&C Architecture, Control Rod Drive Mechanisms, and Seismic Risk. In addition, NuScale plans to submit licensing topical reports (LTR) to the NRC in support of the DCD application during FY 2010 and 2011. The following table provides a quarterly summary of NuScale's LTR submittal schedule. It is expected that small, focused meetings will be held with NRC staff before submittal of each LTR to ensure that is fully compliant with NRC review expectations.

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NuScale Licensing Topical Report Submittal Schedule

Licensing Topical Report	FY 2010			FY 2011		
	2Q	3Q	4Q	1Q	2Q	3Q
Human Factors Engineering (HFE) Program Management Plan	X					
Loss-of-Coolant Accident (LOCA) Phenomenon Identification and Ranking Table	X					
Diversity and Defense-in-Depth Analysis		X				
HFE Implementation Plan		X				
Cyber Security Plan		X				
LOCA Integral Scaling Report		X				
Software Program Plan			X			
LOCA Testing and Assessment Plan Development			X			
Non-LOCA Methods Development			X			
Human System Interface Implementation Plan				X		
Procedure Development				X		
Fuels Development Program				X		
Core Analysis Code Verification and Validation					X	
N-RELAP5 Verification and Validation					X	
Subchannel Analysis Code Verification and Validation						X

We appreciate the opportunity to provide you with our schedule in support of NRC's efforts to determine its resource and budget needs. Please feel free to contact me if you have any questions regarding this submittal.

Sincerely,



Copies:

Michael Mayfield, NRC, TWFN-6 E4
 Thomas Kenyon, NRC, TWFN-6 C34
 Stuart McGruder, NRC, TWFN-6 E4
 Steve Mirksy, SAIC