

February 27, 2008

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

**SUBJECT: Intent to Submit Design Certification Application in 2010**

- REFERENCES:
1. NRC Regulatory Issue Summary 2008-01, "Process for Scheduling Acceptance Reviews Based on Notification of a Application Submission Dates for Early Site Permits, Combined Licenses, and Design Certifications and Processes for Determining Budget Needs for Fiscal Year 2010", dated January 10, 2008.
  2. Letter from Paul Lorenzini (NuScale Power Inc.) to U.S. Nuclear Regulatory Commission, Pre-Application Request for Design Approval of NuScale Reactor, dated January 23, 2008.

In accordance with Ref. 1, which requests that the NRC be notified, among other things, of design certification applications expected to be submitted in FY 2010, the purpose of this letter is to advise you that NuScale Power Inc. intends to submit an application for design certification in FY 2010 for the NuScale Reactor, a multi-application small light water reactor.

Over the next several months, we will be engaged in discussions with potential domestic customers with the expectation of entering into one or more relationships that would lead to the submittal of a COL application sometime in 2011.

In Ref. 2, we proposed to initiate pre-application meetings with the NRC on a number of topics, including safety analysis, core and fuel design, seismic issues and Phenomena Identification and Ranking Table, as well as the results of a preliminary Probabilistic Risk Assessment, important initiating events, and a proposed test plan using our existing integral test facility for certification of the NuScale design. In the near future, we will propose a schedule for submission of technical reports on a number of topics, with the hope that we could begin interactions on these topics in the next 3 to 6 months.

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We appreciate your consideration and look forward to further discussions regarding the NuScale plant design.

Sincerely,



Paul Lorenzini  
Chief Executive Officer  
NuScale Power Inc.

cc:

James Curtiss, Winston & Strawn

NRC cc:

Edward T. Baker  
William Borchardt  
Thomas Kenyon  
John Jolicoeur  
David Mathews