NuScale Power Inc

201 NW Third Street
Corvallis, OR 97330
OFFICE 541-207-3931
FAX 541-207-3928

NSP-CO-08-04-013

April 4, 2008

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

SUBJECT: **Request for Pre-Application Meeting**

REFERENCES:

1. 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.

2. Letter from Paul Lorenzini (NuScale Power Inc.) to U.S. Nuclear Regulatory Commission, Intent to Submit Design Certification Application in 2010, dated February 27, 2008.

In Ref. 1, NuScale Power proposed to begin pre-application meetings with the NRC Staff on a number of topics in preparation for submitting a design certification application for the NuScale Reactor, a multi-application light water reactor. In Ref. 2, we advised the NRC of our intent to submit an application for design certification for the NuScale reactor in 2010. We also indicated an interest in initiating pre-application discussions during the summer of 2008.

The purpose of this letter is to request a meeting with the NRC, open to the public, in early- to mid-July 2008. The objective will be to introduce the NuScale design, discuss the overall approach to licensing the design, establish the sufficiency of the existing light-water reactor framework for NuScale plant certification, and discuss proposed topics for subsequent pre-application meetings. Included in these materials would be information on the following topics:

- Multi-module probabilistic risk assessment;
- Multi-module control room design and operator staffing;
- Design basis safety analysis methods; and
- Emergency planning and response.

In preparation for this meeting, we have attached a summary of materials used to brief NRC staff during our meeting on February 19, 2008.

We look forward to confirming a date for an open meeting in July and to further interactions with the NRC regarding the NuScale plant design.

Sincerely,

Paul Lorenzini
Chief Executive Officer
NuScale Power Inc.

cc:

James Curtiss
David Repka, Winston & Strawn

NRC cc:

William Borchardt
Thomas Kenyon
John Jolicoeur
David Mathews