

July 10, 2012

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

**SUBJECT: Submittal of Slides for Presentation during a Meeting on July 18 and 19, 2012 (NRC Project: 0769)**

NuScale Power, LLC, has requested a meeting with the NRC technical staff on July 18 and 19, 2012, to discuss four topics: Inspections, Test, Analyses, and Acceptance Criteria; Containment Functional Requirements; Severe Accident Analysis; and Risk-Informed, Performance-Based Licensing Approach.

NuScale requested a closed meeting for the Severe Accident Analysis presentation scheduled for July 19, 2012, due to the proprietary information that will be presented, as stated in the affidavit in Enclosure 1. NuScale also requested a closed meeting for the Containment Functional Requirements presentation due to the proprietary information that will be discussed. Enclosure 2 is an affidavit in support of that request.

Enclosure 3 comprises the following presentations: Inspections, Test, Analyses, and Acceptance Criteria; Containment Functional Requirements; Severe Accident Analysis; and Risk-Informed, Performance-Based Licensing Approach. Enclosure 4 is the nonproprietary version of the Severe Accident Analysis presentation. We request that the proprietary version of the Severe Accident Analysis presentation be withheld from public disclosure in accordance with the requirements of 10 C.F.R. § 2.390. The enclosed affidavit (Enclosure 1) supports this request.

Please feel free to contact me at 541-207-3931 or ewallace@nuscalepower.com if you have any questions.

Sincerely,

Edward G. Wallace  
Vice President, Regulatory Affairs

Enclosure 1: Affidavit, NP-AF-0712-025

Enclosure 2: Affidavit, NP-AF-0712-026

Enclosure 3: Final slides:

Inspections, Test, Analyses, and Acceptance Criteria  
Containment Functional Requirements  
Risk-Informed, Performance-Based Licensing Approach  
Severe Accident Analysis - proprietary

Enclosure 4: Severe Accident Analysis - nonproprietary

Distribution:

Michael Mayfield, NRC, TWFN-6 E04  
Stuart Magruder, NRC, TWFN-9 F27  
Greg Cranston, NRC, TWFN-9 F27

**NuScale Power, LLC**

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4601  
NRK

Add: M. Mayfield }  
S. Magruder } TO  
G. Cranston } ERIS

NuScale Power, LLC

AFFIDAVIT of Edward G. Wallace

STATE OF Oregon


CITY OF Corvallis

I, Edward G. Wallace, state as follows:

- (1) I am the Vice President of Regulatory Affairs of NuScale Power, LLC (NuScale). I have personal knowledge of the facts set forth in this affidavit, and if called and sworn as a witness in a deposition or before any court, I could and would testify competently under oath to these facts. I am authorized to execute this affidavit on behalf of NuScale.
- (2) I have personal knowledge of the criteria and procedures used by NuScale in designating confidential commercial information as proprietary and have been delegated the function of reviewing the information described in this affidavit, which NuScale seeks to have withheld from public inspection. I have been authorized to apply for the withholding of this information on behalf of NuScale.
- (3) The following harm would result if the information sought to be withheld is disclosed to the public:
  - (a) The information discloses information about the methods and processes by which NuScale develops design performance and severe accident analysis. NuScale has performed significant research and evaluation to develop a basis for methodology and processes and has invested significant human and financial resources in such development.
  - (b) NuScale's unique methodology, schedule, and design performance provides NuScale with a competitive economic advantage over other companies. Public disclosure of the information would cause substantial harm to NuScale's competitive position and would reduce or foreclose opportunities for NuScale to generate a return on its investment in research and development. Although the exact financial value of the information is difficult to quantify, the severe accident analysis approach is a key element of the design basis for a NuScale plant and, therefore, has substantial value to NuScale.
  - (c) If the information were disclosed to the public, NuScale's competitors would have access to the information without having been required to undertake a similar expenditure of resources. Such disclosure would constitute a misappropriation of NuScale's intellectual property, would unfairly provide NuScale's competitors with a windfall, and would deprive NuScale of the opportunity to seek an adequate return on its investment.
- (4) The information sought to be withheld is contained in Enclosure 3 to NuScale letter from Edward G. Wallace, dated July 10, 2012, to the NRC, *Submittal of Slides for Presentation during a Meeting on July 18 and 19, 2012 (NRC Project: 0769)*. The presentation scheduled for July 19, 2012, entitled *Severe Accident Analysis*, bears the designation "NuScale Proprietary Class 2" at the bottom of each page. The information considered by NuScale to be proprietary is identified within double brackets "[[ ]]" in the slides.
- (5) The basis for proposing that the information be withheld is that NuScale treats the information as trade secrets and commercial information that are privileged and confidential. NuScale relies upon the exemption from disclosure set forth in the Freedom of Information Act (FOIA), 5 USC § 552(b)(4), as well as exemptions applicable to the NRC under 10 CFR §§ 2.390(a)(4) and 9.17(a)(4).
- (6) With respect to the considerations set forth in 10 CFR § 2.390(b)(4),

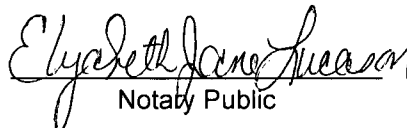
- (a) the information sought to be withheld has been held in confidence by NuScale.
- (b) the information is of a sort customarily held in confidence by NuScale and, to the best of my knowledge and belief, consistently has been held in confidence by NuScale. The procedure for approval of external release of such information typically requires review by the staff manager, project manager, chief technology officer or other equivalent authority, or the manager of the cognizant marketing function (or his delegate), for technical content, competitive effect, and determination of the accuracy of the proprietary designation. Disclosures outside NuScale are limited to regulatory bodies, customers and potential customers and their agents, suppliers, and licensees, and others with a legitimate need for the information, and then only in accordance with appropriate regulatory provisions or agreements to maintain confidentiality.
- (c) the information is being transmitted to and received by the NRC in confidence.
- (d) no public disclosure of the information has been made, and it is not available from public sources. All disclosures to third parties, including any required transmittals to the NRC, have been made or must be made, pursuant to regulatory provisions or agreements that provide for maintenance of the information in confidence.
- (e) public disclosure of the information is likely to cause substantial harm to the competitive position of NuScale, taking into account the value of the information to NuScale, the amount of effort and money expended by NuScale in developing the information, and the difficulty others would have in acquiring or duplicating the information. The information sought to be withheld is part of NuScale's technology that provides NuScale with a competitive advantage over other firms in the industry. NuScale has invested significant human and financial capital in developing this technology, and NuScale believes it would be difficult for others to duplicate the technology without access to the information sought to be withheld.

I declare under penalty of perjury that the foregoing affidavit and the matters stated therein are true and correct to the best of my knowledge, information, and belief.

  
Edward G. Wallace

State of Oregon, County of Benton.

Subscribed and sworn to before me this 10<sup>th</sup> day of July 2012.

  
Notary Public



My commission expires:

March 14, 2016

NuScale Power, LLC

AFFIDAVIT of Edward G. Wallace

STATE OF Oregon

CITY OF Corvallis


I, Edward G. Wallace, state as follows:

- (1) I am the Vice President of Regulatory Affairs of NuScale Power, LLC (NuScale). I have personal knowledge of the facts set forth in this affidavit, and, if called and sworn as a witness in a deposition or before any court, I could and would testify competently under oath to these facts. I am authorized to execute this affidavit on behalf of NuScale.
- (2) I have personal knowledge of the criteria and procedures used by NuScale in designating confidential commercial information as proprietary and have been delegated the function of reviewing the information described in this affidavit, which NuScale seeks to have withheld from public inspection. I have been authorized to apply for the withholding of this information on behalf of NuScale.
- (3) The following harm would result if the information sought to be withheld is disclosed to the public:
  - (a) The information discloses information about the methods and processes by which NuScale develops design and safety analysis. NuScale has performed significant research and evaluation to develop a basis for its methodology and processes and has invested significant human and financial resources in such development.
  - (b) NuScale's unique methodology and design products provide NuScale with a competitive economic advantage over other companies. Public disclosure of the information would cause substantial harm to NuScale's competitive position and would reduce or foreclose opportunities for NuScale to generate a return on its investment. Although the exact financial value of the information is difficult to quantify, the reactor instrumentation design is a key element of the design basis for a NuScale plant and, therefore, has substantial value to NuScale.
  - (c) If the information were disclosed to the public, NuScale's competitors would have access to the information without having been required to undertake a similar expenditure of resources. Such disclosure would constitute a misappropriation of NuScale's intellectual property, would unfairly provide NuScale's competitors with a windfall, and would deprive NuScale of the opportunity to seek an adequate return on its investment.
- (4) The information sought to be withheld will be discussed during a closed presentation before the NRC on July 18, 2012, entitled *Containment Functional Requirements*.
- (5) The basis for proposing that the information be withheld is that NuScale treats the information as trade secrets and commercial information that are privileged and confidential. NuScale relies upon the exemption from disclosure set forth in the Freedom of Information Act (FOIA), 5 USC § 552(b)(4), as well as exemptions applicable to the NRC under 10 CFR §§ 2.390(a)(4) and 9.17(a)(4).
- (6) With respect to the considerations set forth in 10 CFR § 2.390(b)(4),
  - (a) the information sought to be withheld has been held in confidence by NuScale.
  - (b) the information is of a sort customarily held in confidence by NuScale and, to the best of my knowledge and belief, consistently has been held in confidence by NuScale. The procedure for approval of external release of such information

typically requires review by the staff manager, project manager, chief technology officer, or other equivalent authority, or the manager of the cognizant marketing function (or the manager's delegate), for technical content, competitive effect, and determination of the accuracy of the proprietary designation. Disclosures outside NuScale are limited to regulatory bodies, customers and potential customers and their agents, suppliers, and licensees, and others with a legitimate need for the information, and then only in accordance with appropriate regulatory provisions or agreements to maintain confidentiality.

- (c) the information is being transmitted to and received by the NRC in confidence.
- (d) no public disclosure of the information has been made, and it is not available from public sources. All disclosures to third parties, including any required transmittals to the NRC, have been made or must be made pursuant to regulatory provisions or agreements that provide for maintenance of the information in confidence.
- (e) public disclosure of the information is likely to cause substantial harm to the competitive position of NuScale, taking into account the value of the information to NuScale, the amount of effort and money expended by NuScale in developing the information, and the difficulty others would have in acquiring or duplicating the information. The information sought to be withheld is part of NuScale's technology that provides NuScale with a competitive advantage over other firms in the industry. NuScale has invested significant human and financial capital in developing this technology, and NuScale believes it would be difficult for others to duplicate the technology without access to the information sought to be withheld.

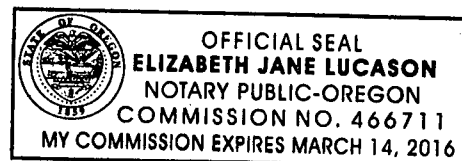
I declare under penalty of perjury that the foregoing affidavit and the matters stated therein are true and correct to the best of my knowledge, information, and belief.



Edward G. Wallace

State of Oregon, County of Benton.

Subscribed and sworn to before me this 10<sup>th</sup> day of July 2012.

  
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March 14, 2016