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September 8, 2017

Mr. John Segala
Chief, Advanced Reactor and Policy Branch
Division of Safety Systems, Risk Assessment, and Advanced Reactors
Office of New Reactors
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Response to "NRC Staff Comments/Questions on NEI White Paper, Proposed Physical Security Requirements for Advanced Reactor Technologies"

Project Number: 689

Dear Mr. Segala:

On July 21, 2017, the Nuclear Energy Institute (NEI)¹ received a document entitled "NRC Staff Comments/Questions: NEI White Paper on Proposed Physical Security Requirements for Advanced Reactor Technologies." As stated in the document, the comments and questions were provided to allow NEI and the industry an opportunity to respond with additional information that can help the staff better understand the white paper's suggested approach and support a subsequent Commission paper on the topic of physical security requirements for advanced reactors. Our responses to the staff's comments and questions are presented in the attachment to this letter.

With respect to our responses, the staff's comments/questions document indicated that NEI would "provide a revision to the white paper" as discussed during a public meeting on May 3, 2017. After further consideration, we believe the clarity of our responses is better served by providing them directly below each staff comment/question, and that is how they are presented in the attachment. We anticipate reviewing the attached responses with the staff in a public meeting; a decision can be made at that time as to whether the submittal of a revised white paper would be helpful to the staff.

¹ The Nuclear Energy Institute (NEI) is the organization responsible for establishing unified industry policy on matters affecting the nuclear energy industry, including the regulatory aspects of generic operational and technical issues. NEI's members include all entities licensed to operate commercial nuclear power plants in the United States, nuclear plant designers, major architect/engineering firms, fuel cycle facilities, nuclear materials licensees, and other organizations and entities involved in the nuclear energy industry.

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Questions concerning the attached responses should be directed to Mr. David Young (202-739-8127 or dly@nei.org).

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Tschiltz". The signature is fluid and cursive, with the first name "Michael" written in a larger, more prominent script than the last name "Tschiltz".

Michael Tschiltz

Attachment

c: Ms. Vonna Ordaz, NRO, NRC
Mr. John Monninger, NRO/DSRA, NRC
Mr. Steve West, NSIR, NRC
Ms. Amy Cubbage, NRO/DSRA/ARPB, NRC
Mr. William Reckley, NRO/DSRA/ARPB, NRC
Mr. James Andersen, NSIR/DPCP, NRC