



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 7, 2018

Mr. Steven A. Arndt, Chair
American Nuclear Society Standards Board
555 North Kensington Avenue
La Grange Park, Illinois 60526-5592

SUBJECT: NRC Response to ANS Letter of Notification of ANSI Approved Standards for
NRC Review and Potential Endorsement

Dear Mr. Arndt:

In a letter dated February 14, 2018 (Agencywide Documents Access and Management System Accession No. ML18143B707), the American Nuclear Society (ANS), a standards development organization under the auspices of the American National Standards Institute (ANSI), provided copies of two recently ANSI approved standards, and requested that these standards be reviewed by the NRC staff and considered for endorsement. The approved revised standards are ANSI/ANS-19.4-2017, "A Guide for Acquisition and Documentation of Reference Power Reactor Physics Measurements for Nuclear Analysis Verification," and ANSI/ANS-19.11-2017, "Calculation and Measurement of the Moderator Temperature Coefficient of Reactivity for Pressurized Water Reactors."

The two standards are not currently referenced in NRC's regulations or guidance. The NRC considers consensus standards prepared by standards development organizations when developing its regulation and guidance, consistent with the National Technology Transfer and Advancement Act (NTTAA). In general, the NRC considers the standards in lieu of either: (i) NRC-developed regulations (government-unique standards under the NTTAA), or (ii) NRC-developed guidance (such as regulatory guides) as an acceptable approach for meeting NRC regulatory requirements.

The staff completed a preliminary review of the above mentioned documents for endorsement, reference or use in its regulatory guidance. The staff has determined that the current NRC-developed regulations and guidance are sufficient for their intended purpose and can't justify expending the resources to issue new or revised guidance based on the information contained in these standards. Therefore, the NRC has decided not to endorse these standards for use in its regulatory process. However, the staff believes that these standards could be useful for a licensee and/or vendor.

Thank you for your interest in supporting development of consensus standards in support of ongoing NRC activities. We will continue to work with ANS to support development and use of these standards in the future.

Sincerely,

/RA/

Brian E. Thomas
NRC Standards Executive
Office of Nuclear Regulatory Research

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