



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

April 5, 2017

Mr. Brad Berryman  
Site Vice President  
Susquehanna Nuclear, LLC  
769 Salem Boulevard  
NUCSB3  
Berwick, PA 18603-0467

SUBJECT: SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2 –  
ACCEPTANCE OF REQUESTED LICENSING ACTION RE: LICENSE  
AMENDMENT REQUEST TO REVISE DIESEL GENERATOR SURVEILLANCE  
REQUIREMENTS WITH NEW STEADY STATE VOLTAGE AND FREQUENCY  
LIMITS (CAC NOS. MF9131 AND MF9132)

Dear Mr. Berryman:

By letter dated January 25, 2017,<sup>1</sup> as supplemented by letter dated March 21, 2017,<sup>2</sup> Susquehanna Nuclear, LLC submitted a license amendment request for Susquehanna Steam Electric Station, Units 1 and 2. The proposed amendments request changes to certain surveillance requirements in Technical Specification 3.8.1, "AC [Alternating Current] Sources – Operating." The changes are in the use of steady state voltage and frequency acceptance criteria for onsite standby power source of the diesel generators, allowing for the use of new and more conservative design analysis.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this amendment request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Consistent with Section 50.90 of Title 10 of the *Code of Federal Regulations* (10 CFR), an amendment to the license (including the technical specifications) must fully describe the changes requested, and following, as far as applicable, the form prescribed for original applications. Section 50.34 of 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendments in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. If additional information is needed, you will be advised by separate correspondence.

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<sup>1</sup> Agencywide Documents Access and Management System (ADAMS) Accession No. ML17044A149

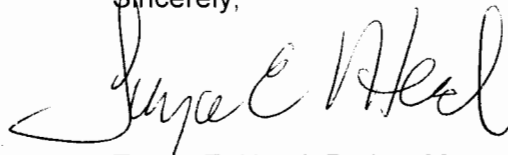
<sup>2</sup> ADAMS Accession No. ML17080A405

Based on the information provided in your submittal, the NRC staff has estimated that this licensing request will take approximately 550 hours to complete. The NRC staff expects to complete this review in approximately 12 months, which is January 2018. If there are emergent complexities or challenges in our review that would cause changes to the initial forecasted completion date or significant changes in the forecasted hours, the reasons for the changes, along with the new estimates, will be communicated during the routine interactions with the assigned project manager.

These estimates are based on the NRC staff's initial review of the application and they could change, due to several factors including requests for additional information, unanticipated addition of scope to the review, and review by NRC advisory committees or hearing-related activities.

If you have any questions regarding this matter, I may be reached at 301-415-1387 or by e-mail to [Tanya.Hood@nrc.gov](mailto:Tanya.Hood@nrc.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Tanya E. Hood". The signature is fluid and cursive, with a large initial "T" and "H".

Tanya E. Hood, Project Manager  
Plant Licensing Branch I  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-387 and 50-388

cc: Distribution via Listserv

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\*by e-mail

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