



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

July 15, 2020

Mr. W. Anthony Nowinowski
Executive Director
PWR Owners Group,
Program Management Office
Westinghouse Electric Company
1000 Westinghouse Drive, Suite 380
Cranberry Township, PA 16066

SUBJECT: FINAL SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR
REGULATION FOR THE PRESSURIZED WATER REACTOR OWNERS GROUP
TOPICAL REPORT PWROG-17018, REVISION 0, "SOLID STATE PROTECTION
SYSTEM GENERAL WARNING ALARM MODIFICATION"
(EPID: L-2018-TOP-0004)

Dear Mr. Nowinowski:

By letter dated February 1, 2018, as supplemented by letters dated July 5, 2018 and March 13, 2020 (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML18039A033, ML18191B172, and ML20073N407, respectively), the Pressurized Water Reactor Owners Group (PWROG), transmitted Topical Report (TR) PWROG-17018-P/NP, Revision (Rev.) 0, "Solid State Protection System (SSPS) General Warning Alarm Modification" (ADAMS Accession No. ML18039A034) to the U.S. Nuclear Regulatory Commission (NRC) for review and approval. By letter dated June 23, 2020 (ADAMS Accession No. ML20175A847), the PWROG submitted comments on the draft safety evaluation (SE) and requested that the NRC staff prepare the final SE for PWROG-17018-P/NP against Rev. 0.

The NRC staff has completed the review of PWROG-17018-P/NP, Rev. 0 and has found that the subject TR, as modified by conclusions in Section 4.0 of the enclosed final SE, that the SSPS with GWA modification can continue to meet regulatory requirements when the associated NRC guidance is met for the licensees that reference the TR. Applicants who utilize the TR will be required to adhere to the conditions that the NRC staff impose in the SE and shall be subject to NRC staff review and approval on a case-by-case basis.

By letter dated May 12, 2020 (ADAMS Accession No. ML20114F904), the NRC staff provided the draft SE to the PWROG for review and comment. By letter dated June 23, 2020 (ADAMS Accession No. ML1922A259), the PWROG provided comments on the draft SE. The NRC staff's disposition table for the draft SE comments is provided in the final SE.

In accordance with the guidance provided on the NRC website, the NRC staff requests that the PWROG publish approved versions of PWROG-17018-NP, Rev. 0, within 3 months of receipt of this letter. The approved version shall incorporate this letter and the enclosed final SE after the title page. Also, the approved versions must contain historical review information, including NRC requests for additional information (RAIs) and the corresponding RAI responses. The approved versions shall include an "-A" (designating approved) following the TR identification symbol. As an alternative to including the request for RAIs and RAI responses behind the title

page, if changes to the TR were provided to the NRC staff to support the resolution of RAI responses, and if the NRC staff reviewed and approved those changes as described in the RAI responses, there are two ways that the accepted version can capture the RAIs:

1. The RAIs and RAI responses can be included as an appendix to the accepted version.
2. The RAIs and RAI responses can be captured in the form of a table (inserted after the final SE) which summarizes the changes as shown in the approved version of the TR. The table should reference the specific RAIs and RAI responses which resulted in any changes, as shown in the accepted version of the TR.

If future changes to the NRC's regulatory requirements affect the acceptability of these TRs, PWROG will be expected to revise the TRs appropriately or justify their continued applicability for subsequent referencing. Licensees referencing these TRs would be expected to justify their continued applicability or evaluate their plant using the revised TRs.

If you have any questions, please contact Leslie Fields at 301-415-1186.

Sincerely,

/RA/

Dennis C. Morey, Chief
Licensing Processes Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 99902037

Enclosure:
Final SE – Nonproprietary

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(EPID: L-2018-TOP-0004) DATED JULY 15, 2020

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