



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

June 19, 2019

Ms. Frances Pimentel, Sr. Project Manager,  
Risk and Technical Support  
Nuclear Energy Institute  
1201 F Street, NW, Suite 1100  
Washington, DC 20004

SUBJECT: FINAL PROPRIETARY SAFETY EVALUATION OF PWROG-15060, "PUMP SUCTION GAS ACCUMULATION OPERABILITY CRITERIA GUIDANCE" (CAC NO. MF8075; EPID L-2016-TOP-0006)

Dear Ms. Pimentel:

By letters dated May 5 and 9, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML16147A079 and ML16147A123, respectively), the Nuclear Energy Institute (NEI) and Pressurized Water Reactor Owners Group (PWROG) submitted nonproprietary and proprietary versions of topical report (TR) PWROG-15060, "Pump Suction Gas Accumulation Operability Criteria Guidance." By letter dated June 25, 2018, the US Nuclear Regulatory Commission (NRC) staff issued its draft safety evaluation (SE) on PWROG-15060 (ADAMS Accession No. ML18072A002).

In a September 10, 2018, letter (ADAMS Accession No. ML18297A054), the PWROG requested that the NRC staff hold its review in abeyance. The letter also requested that the NRC staff issue a revised draft SE. By letter dated March 25, 2019 (ADAMS Accession No. ML18267A319), the NRC staff issued a revised draft SE.

The PWROG provided comments on the revised draft SE by a letter dated May 9, 2019 (ADAMS Accession No. ML19135A072). The comments addressed inconsistencies and typographical errors.

The NRC staff has found that PWROG-15060 is acceptable for referencing in licensing applications for nuclear power plants to the extent specified and under the limitations delineated in the TR and in the enclosed final SE. The final SE defines the basis for our acceptance of the TR.

Our acceptance applies only to material provided in the subject TR. We do not intend to repeat our review of the acceptable material described in the TR. When the TR appears as a reference in license applications, our review will ensure that the material presented applies to the specific plant involved. License amendment requests that deviate from this TR will be subject to a plant-specific review in accordance with applicable review standards.

NOTICE: Enclosure transmitted herewith contains Proprietary Information. When separated from enclosure, this transmittal document is decontrolled.
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In accordance with the guidance provided on the NRC website, we request that NEI publish accepted proprietary and non-proprietary versions of PWROG-15060 within three months of receipt of this letter. The accepted versions shall incorporate this letter and the enclosed final SE after the title page. Also, they must contain historical review information, including NRC requests for additional information (RAIs) and your responses. The approved versions shall include a “-A” (designating approved) following the TR identification symbol.

As an alternative to including the RAIs and RAI responses behind the title page, if changes to the TRs provided to the NRC staff to support the resolution of RAI responses, and 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 this TR, NEI will be expected to revise the TR appropriately. Licensees referencing this TR would be expected to justify its continued applicability or evaluate their plant using the revised TR.

If you have any questions or require any additional information, please feel free to contact the NRC Project Manager for the review, Joseph Holonich at (301) 415-7297 or [joseph.holonich@nrc.gov](mailto:joseph.holonich@nrc.gov).

Sincerely,

*/RA/*

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

Docket No. 99902028

Enclosure:  
Final Safety Evaluation (Proprietary)

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DISTRIBUTION:

PUBLIC (Letter)  
Nonpublic (Final SE)  
RidsNroOd  
RidsNrrDlp  
RidsNrrDssSrxb  
RidsOgcMailCenter  
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DWoodyatt, NRR

RidsResOd  
JHolonich, NRR  
RidsNrrLADHarrison  
TBrimfield NRR  
JWhitman, NRR  
DMorey, NRR

**ADAMS Accession Nos.:**

**ML18184A416 (Package);**

**ML18184A409 (Letter/Non-Public);**

**ML18184A411 (Final SE/Non-Public);**

**ML18184A426 (Final Non-Prop Letter)**

**\*concurrence via e-mail**

**NRR-106**

OFFICE	DLP/PLPB/PM*	DLP/PLPB/LA*	DSS/SRXB/BC*	DLP/PLPB/BC
NAME	JHolonich	DHarrison	JBorromeo	DMorey
DATE	06/13/2019	06/13/2019	06/18/2019	06/19/2019

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