

Lois James

From: Lois James
Sent: Tuesday, July 15, 2025 8:14 AM
To: ext_Fernando_Ferrante
Cc: RidsNrrOd Resource; RidsNrrDnrl Resource; RidsNrrDnrlNphp Resource; RidsNrrDnrlNvib Resource; RidsNrrDra Resource; RidsNrrDraApla Resource; RidsNrrDro Resource; RidsNrrDrolqvb Resource; RidsNrrLADHarrison Resource; RidsNrrDorl Resource; RidsNrrDorlLlpb Resource; RidsACRS_MailCTR Resource; Lois James; Stephen Cumblidge; Jeff Circle; Mihaela Biro; David Gennardo; Dan Widrevitz; Yiu Law; Deanna Zhang; Aixa Belen; Matthew Mitchell; Bob Pascarelli; Kerri Kavanagh; Angie Buford; Jamie Pelton; Aida Rivera-Varona; Michele Sampson; Samuel Lee; Meena Khanna; Shilp Vasavada; Demetrius Murray; Eric Palmer; Jennie Rankin
Subject: Transmittal of Final Safety Evaluation EPRI Report 3002025288, "Enhanced Risk-Informed Categorization Methodology for Pressure Boundary Components" (L-2023-NTR-0008)
Attachments: 10 CFR 50.69 Alternate Cat of PB SSCs - Final SE.pdf

Fernando Ferrante, Program Manager, Risk & Safety
Electric Power Research Institute
1300 West W.T. Harris Boulevard
Charlotte, NC 28262-8550

Dear Fernando Ferrante:

By letter dated August 17, 2023 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML23234A266), as supplemented on November 30 and June 14, 2023 (ADAMS Accession Nos. ML23334A210 and ML24180A016), and April 30, 2025 (ADAMS Accession No. ML25121A201) Electric Power Research Institute (EPRI) submitted EPRI Technical Report (TR) 3002025288, "Enhanced Risk-Informed Categorization Methodology for Pressure Boundary Components," dated June 2023, to the U.S. Nuclear Regulatory Commission (NRC) for review and approval. By e-mail dated July 11, 2024 (ADAMS Accession No. ML23352A054), the NRC staff accepted EPRI TR 3002025288 for review.

By email dated June 13, 2025, the NRC staff issued its safety evaluation (SE) for proprietary review (ADAMS Accession No. ML25149A010).

By e-mail dated June 27, 2025 (ADAMS Accession No. ML25191A213), EPRI informed the NRC staff that there was no proprietary information in the SE for proprietary review.

The NRC staff has found that EPRI Report 3002025288, "Enhanced Risk-Informed Categorization Methodology for Pressure Boundary Components" 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.

In accordance with the guidance provided on the NRC website, we request that EPRI publish an accepted version of EPRI Report 3002025288, within 45 days of receipt of this email. The approved versions shall incorporate this letter and the enclosed final SE after the title page. The accepted version shall include an "A" (designating accepted) following the TR identification symbol.

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, EPRI 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 me via Lois.James@nrc.gov.

Sincerely,

Lois M. James, Senior Project Manager
Licensing Project Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 99902021

Enclosure:

Final Safety Evaluation

ADAMS Accession Nos.: ML25168A011 (Pkg); ML25168A014 (E-mail); ML25168A015 (SE)

^via eConcurrence *via email;

OFFICE	DORL/LLPB/PM	DORL/LLPB/LA	DNRL/NPHP/BC	DRA/APLA/BC
NAME	LJames	DHarrison*	MMitchell*	BPascarelli*
DATE	06/02/2025	06/03/2025	06/11/2025	06/11/2025
OFFICE	OGC (NLO)	DORL/LLPB/BC	DORL/LLPB/PM	
NAME	DRoth*	JRankin (A)*	LJames	
DATE	06/10/2025	07/15/2025	07/15/2025	

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