



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

October 1, 2024

Martin Bonifanti, Constellation,
BWRVIP Chairman
Nathan Palm, EPRI,
BWRVIP Program Manager
1300 West W.T. Harris Blvd.
Charlotte, NC 28262-8550

SUBJECT: REPORT REGARDING MARCH 4 - 29, 2024, REGULATORY AUDIT FOR ELECTRIC POWER RESEARCH INSTITUTE TECHNICAL REPORT BOILING WATER REACTOR VESSEL INTERNALS PROGRAM (BWRVIP)-138, UPDATED JET PUMP BEAM INSPECTION AND FLAW EVALUATION GUIDELINES, REVISION 2 (EPID L-2023-NTR-0007)

Dear Martin Bonifanti and Nathan Palm:

By letter dated October 25, 2023 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML23298A077), Electric Power Research Institute (EPRI) submitted Boiling Water Reactor (BWR) Vessel Internals Program (BWRVIP)-138, Revision 2, "BWR Vessel and Internals Project, Updated Jet Pump Beam Inspection and Flaw Evaluation Guidelines," for U.S. Nuclear Regulatory Commission (NRC) review. BWRVIP-138 incorporates new crack growth and crack initiation data, updates operating experience, and revises inspection interval and flaw evaluation guidance. The NRC accepted BWRVIP-138 for review on January 3, 2024 (ADAMS Accession No. ML23299A287).

The NRC staff reviewed BWRVIP-138, Revision 2 and determined that a regulatory audit would assist in the timely completion of the NRC staff's review. By letter dated February 29, 2024 (ADAMS Accession No. MLML24023A690), the NRC staff forwarded an audit plan to EPRI to initiate the audit of BWRVIP-138, Revision 2. The audit began with an entrance meeting between the NRC staff and EPRI on March 11, 2024. The audit ended with an exit meeting on May 24, 2024.

The NRC staff has completed its regulatory audit successfully. The attached audit report describes the NRC staff's audit activities. Enclosure 1 is the proprietary version of the audit report and Enclosure 2 is the nonproprietary version.

NOTE: Enclosure 1 consists of proprietary information, when Enclosure 1 is separated from this transmittal letter, this letter is DECONTROLLED.

M. Bonifanti and N. Palm

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If you have any questions, please contact me by email at lois.james@nrc.gov.

Sincerely,

/RA/

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

Docket No. 99902016

Enclosures:

1. Proprietary Audit Report
2. Non-proprietary Audit Report

M. Bonifanti and N. Palm

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ADAMS Accession Nos.:

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ML24060A094 (letter)
ML24240A110 (enclosure 1; proprietary audit report)
ML24240A123 (enclosure 2; non-proprietary audit report)

^via eConcurrence

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