

May 2, 2013

Dennis Madison  
Southern Nuclear  
Chairman, BWR Vessel and Internals Project  
3420 Hillview Avenue  
Palo Alto, CA 94304-1395

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION APPROVAL LETTER FOR  
"BWRVIP-18, REVISION 1-A: BWR [BOILING WATER REACTOR] VESSEL  
AND INTERNALS PROJECT, BWR CORE SPRAY INTERNALS INSPECTION  
AND FLAW EVALUATION GUIDELINES" (TAC NO. MF0897)

Dear Mr. Madison:

By letter dated February 26, 2013 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13067A062), the Boiling Water Reactor Vessel and Internals Project (BWRVIP) submitted a proprietary version of the report BWRVIP-18, Revision 1-A: BWR Vessel and Internals Project, BWR Core Spray Internals Inspection and Flaw Evaluation Guidelines," for U.S. Nuclear Regulatory Commission (NRC) staff review (ADAMS Accession Nos. ML13067A061, ML13067A064, and ML13067A065).

A nonproprietary copy of this document (ADAMS Accession No. ML13067A063) has been placed in the U.S. Nuclear Regulatory Commission's (NRC's) Public Document Room and added to the NRC Library in ADAMS.

The BWRVIP-18, Revision 1-A report is an update to the previous BWRVIP-18-A report (ADAMS Accession No. ML050910324) which was accepted by the U.S. Nuclear Regulatory Commission (NRC) staff by letter dated September 2, 2005 (ADAMS Accession No. ML052490002). The original BWRVIP-18 was approved by letter dated December 7, 2000 (ADAMS Accession No. ML993430291).

The report compiles information associated with the NRC staff's review of BWRVIP-18, Revision 1-A; namely, it incorporates the NRC safety evaluation and makes three changes. A list of these items is compiled in Table I-1 of Appendix I to BWRVIP-18, Revision 1-A.

Based on its review of the changes documented in BWRVIP-18, Revision 1-A and summarized in Table I-1, the NRC staff has determined that the BWRVIP-18, Revision 1-A report is acceptable to the extent delineated in the NRC staff's original approval letter dated January 30, 2013 (ADAMS Accession No. ML113620684). The revisions to the topical report, submitted in the approved copy, do not affect the NRC's approval status of this topical report.

D. Madison

- 2 -

If you have any questions or require any additional information, please feel free to contact the Project Manager for this topical report, Joseph Holonich, at 301-415-7297.

Sincerely,

***/RA/***

Sher Bahadur, Deputy Director  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Project No. 704

D. Madison

- 2 -

If you have any questions or require any additional information, please feel free to contact the Project Manager for this topical report, Joseph Holonich, at 301-415-7297.

Sincerely,

**/RA/**

Sher Bahadur, Deputy Director  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Project No. 704

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**NRR-106**

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DATE	03/14/2013	03/14/2013	04/25/2013	05/01/2013	05/02/2013

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