

July 12, 2011

Mr. D. E. Glenn
Program Manager, Medical Isotope Production System (MIPS)
Babcock & Wilcox Technical Services Group, Inc.
800 Main Street
Lynchburg, VA 24504

SUBJECT: FINAL SAFETY EVALUATION FOR BABCOCK & WILCOX TECHNICAL SERVICES GROUP, INC. MEDICAL ISOTOPE PRODUCTION SYSTEM QUALITY ASSURANCE PROGRAM DESCRIPTION TOPICAL REPORT, MIPS-PP-QA-14, REVISION 3 (TAC NO. ME4101)

Dear Mr. Glenn:

By letter dated June 4, 2010 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML101600197), Babcock & Wilcox Technical Services Group, Inc. (B&W) Medical Isotope Production System (MIPS) submitted its Quality Assurance Program Description Topical Report (QATR), MIPS-PP-QA-14, Revision 2, dated May 17, 2010, to the U.S. Nuclear Regulatory Commission (NRC) for review. By letter dated October 18, 2010 (ADAMS Accession No. ML102990312), B&W submitted Revision 3 to the QATR, as an enclosure to its response to the NRC staff's request for additional information.

By letter dated May 6, 2011, an NRC draft safety evaluation (SE) regarding our approval of MIPS-PP-QA-14, Revision 3, was provided for your review and comment. By letter dated June 6, 2011, B&W commented on the draft SE. As discussed via teleconference between B&W and NRC staff on June 22, 2011, the B&W comments have been addressed in the final SE enclosed with this letter.

The NRC staff has found that MIPS-PP-QA-14, Revision 3, is acceptable for referencing in licensing applications 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 B&W publish the accepted version of this TR within three months of receipt of this letter. The accepted version shall incorporate this letter and the enclosed final SE after the title page. Also, it must contain historical review information, including NRC requests for additional information and your responses. The accepted version shall include an "-A" (designating "accepted") following the TR identification symbol.

D. E. Glenn

-2-

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, B&W and/or licensees referencing it will be expected to revise the TR appropriately, or justify its continued applicability for subsequent referencing.

Sincerely,

/RA/

Robert A. Nelson, Deputy Director
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 766

Enclosure: Final SE

D. E. Glenn

-2-

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, B&W and/or licensees referencing it will be expected to revise the TR appropriately, or justify its continued applicability for subsequent referencing.

Sincerely,

/RA/

Robert A. Nelson, Deputy Director
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 766

Enclosure: Final SE

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ADAMS PACKAGE ACCESSION NO.: ML111430732
ADAMS ACCESSION NO., COVER LETTER: ML111430723
ADAMS ACCESSION NO., FINAL SE: ML111430739

***No major changes to SE input.**

NRR-043

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