



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555 - 0001**

June 8, 2004

Mr. Michael I. Gilman, Director  
Quality Assurance Department  
Stone & Webster, Inc.  
100 Technology Center Drive  
Stoughton, MA 02072-4705

**SUBJECT: CHANGE TO THE STONE & WEBSTER NUCLEAR QUALITY ASSURANCE  
PROGRAM**

Dear Mr. Gilman:

We have reviewed the changes to the quality assurance program described in your Standard Nuclear Quality Assurance Program, SWSQAP 1-74A, Revision A, as submitted by your letter dated October 31, 2003. As stated in your letter, the changes reflect restructuring and reassignment of responsibilities that are now reflected in company organization and title changes within the proposed Revision A. The proposed Revision A does not reduce commitments in the program description previously accepted by the NRC.

The NRC staff notes that a revision to SWSQAP 1-74A, Section 7, "Control of Purchased Material, Equipment, and Services," clarified the use of ISO-9001 quality assurance programs in nuclear safety related or important to safety applications. As described in your October 31, 2003 letter, the intent of this revision was to limit the use of ISO-9001 in nuclear work. Because the quality controls required by ISO-9001 are not sufficient to establish compliance with 10 CFR 50, Appendix B, the staff determined that this clarification was appropriate. Furthermore, the staff notes that, in accordance with your QA program, safety-related or important to safety items purchased from a vendor using an ISO-9001 quality program will be subject to either: (i) a commercial-grade dedication process or, (ii) the imposition of additional QA requirements and measures to establish compliance with 10 CFR 50 Appendix B and verified by a qualification audit prior to award. The staff concludes that the revision to clarify the use of an ISO-9001 quality assurance program by a supplier or subcontractor meets the requirements Criterion VII, "Control of Purchased Material, Equipment, and Services," of Appendix B to 10 CFR 50, and is therefore acceptable.

Mr. Michael I. Gilman

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June 8, 2004

Based on our review, we conclude that the quality assurance program described in SWSQAP 1-74A, Revision A continues to meet the requirements of 10 CFR Part 50, Appendix B. If you have any questions, please contact Francis X. Talbot of my staff at (301) 415-3146.

Sincerely,

*/RA/*

Theodore R. Quay, Chief,  
Plant Support Branch  
Division of Inspection Program Management  
Office of Nuclear Reactor Regulation

Docket No. 99900509

Mr. Michael I. Gilman

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June 8, 2004

Based on our review, we conclude that the quality assurance program described in SWSQAP 1-74A, Revision A continues to meet the requirements of 10 CFR Part 50, Appendix B. If you have any questions, please contact Francis X. Talbot of my staff at (301) 415-3146.

Sincerely,

**/RA/**

Theodore R. Quay, Chief,  
Plant Support Branch  
Division of Inspection Program Management  
Office of Nuclear Reactor Regulation

Docket No. 99900509

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