



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

April 10, 1997

N.J. Liparulo, Manager  
Equipment Design and Regulatory Engineering  
Westinghouse Electric Corporation  
Energy Systems  
P. O. Box 355  
Pittsburgh, Pennsylvania 15230-0355

SUBJECT: QUALITY MANAGEMENT SYSTEM (QMS), REVISION 2

Dear Mr. Liparulo:

We have completed our review of the proposed Revision 2 to the Westinghouse Energy Systems Business Unit (ESBU) Quality Management System (QMS) quality assurance topical report submitted by letter dated February 20, 1997. QMS, Revision 2, describes the Westinghouse quality assurance program and attendant commitments to address the requirements of both 10 CFR 50, Appendix B, and the International Organization for Standardization (ISO) 9001. The revision primarily described the recent ESBU organizational changes in Section 1.0, Management Responsibility. Several other changes were delineated in Revision 2 including:

1. A description of the quality commitments for ESBU and the Westinghouse Pensacola Plant (WPP), and an amendment to include the Process Control Division (PCD) and the Government Technical Services Division (GTSD).
2. A generic organization description and clarification of the duties and responsibilities of the ESBU Quality Systems Director.
3. The QMS was updated to include the requirements of the 1994 revision of ISO 9001.

Your original QMS, Revision 2, submittal was supplemented by a second submittal dated April 1, 1997 that, in response to a March 25, 1997 telephone conference with the staff, provided clarification pages to address issues of independence of engineering design reviewers in Sections 4.1, Design Control; an explicit statement requiring approval of design inputs for adequacy by engineering organizations in Section 4.3, Design Input; amended wording to remove the conditional phrase "as applicable" from Section 9.1, Process Control; and corrected typographical errors regarding paragraph and page numbering. A page replacement submittal was also provided by facsimile on March 27, 1997.

Based on our review of the information provided, we have concluded that QMS, Revision 2, continues to meet the requirements of 10 CFR 50, Appendix B, and can be utilized to control the quality of items and services provided by Westinghouse ESBU, the Pensacola Plant, the Process Control Division, and the Government Technical Services Division.

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Please incorporate a copy of this letter into the published edition of QMS, Revision 2, and forward one copy to the NRC in accordance with 10 CFR 50.4. Any questions on the above should be directed to Edward J. Ford of my staff on (301) 415-1149.

Sincerely,

Original signed by: Suzanne C. Black  
Suzanne C. Black, Chief  
Quality Assurance and Maintenance Branch  
Division of Reactor Controls and Human Factors  
Office of Nuclear Reactor Regulation

cc: Mr. Dale Harmon  
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