

## TOPICAL REPORT EVALUATION

Report Number: WCAP-7800, Revision 5, Nonproprietary  
Report Title: Nuclear Fuel Division Quality Assurance Program Plan  
Report Date: September 1979  
Originating Organization: Westinghouse Electric Corporation  
Reviewed by: Quality Assurance Branch

### SUMMARY OF TOPICAL REPORT

Topical Report WCAP-7800, Revision 5 describes the quality assurance (QA) program which Westinghouse applies to the design, procurement, and manufacturing activities, within Westinghouse's scope of work, for nuclear fuel assemblies and associated reactor core components. WCAP-7800, Revision 5 commits Westinghouse to comply with the requirements of Appendix B to 10 CFR Part 50 and to follow the regulatory positions provided by the NRC in Regulatory Guides 1.28 (June 1972), 1.38-Revision 2 (May 1977), 1.58 (August 1973), 1.64-Revision 2 (June 1976), 1.74 (February 1974), 1.88-Revision 2 (October 1976), and 1.123-Revision 1 (July 1977) as well as ANSI Standard N45.2.12 (Draft 3, Rev. 4, February 1974) as documented in Appendix III in the report.

Westinghouse has provided for our evaluation a detailed organizational description of those individuals and groups involved in carrying out activities required by the QA program and a delineation of duties, responsibilities, and authority of those organizational elements involved in the QA program. WCAP-7800, Revision 5 contains a description of the measures used to carry out the Westinghouse QA program activities and describes how applicable requirements of Appendix B will be satisfied by the administration and implementation of these measures in QA manuals and procedures.

### SUMMARY OF REGULATORY EVALUATION

We have evaluated the QA program and the organizations responsible for QA functions as described in WCAP-7800, Revision 5. We find that QA policy and direction originate at an acceptably high management level and are effectively communicated to other parts of the organization. Those performing QA functions have responsibility and authority commensurate with their duties in implementing the QA program. We also find that measures have been established, to be implemented by written procedures and instructions, which address each of the criteria of Appendix B in an acceptable manner.

Based on our review and evaluation of WCAP-7800, Revision 5, we conclude that:

1. The organizations and persons performing QA functions within Westinghouse have the required independence and authority to effectively carry out the QA program without undue influence from those directly responsible for costs and schedules.

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2. The Westinghouse QA program contains requirements and controls which, when properly implemented, comply with the requirements of Appendix B to 10 CFR Part 50.
3. The Westinghouse topical report WCAP-7800, Revision 5, "Nuclear Fuel Division Quality Assurance Program Plan," provides an acceptable description of the QA program for use in the design, procurement, and manufacturing activities associated with nuclear fuel assemblies and associated reactor core components.

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