



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

October 6, 1995

52-003

Mr. Nicholas J. Liparulo
Nuclear Safety and Regulatory Activities
Westinghouse Electric Corporation
P.O. Box 355
Pittsburgh, Pennsylvania 15230

SUBJECT: NRC INSPECTION NO. 99900404/95-02

Dear Mr. Liparulo:

This letter addresses the inspection at the Ente per le Nuove Tecnologie, L'Energia e L'Ambiente (ENEA) Valve and Pressurizer Operating Related Experiments (VAPORE) test facility in Casaccia, Italy, conducted by Richard P. McIntyre of the Nuclear Regulatory Commission's (NRC's) Special Inspection Branch, Alan E. Levin of the Reactor Systems Branch, Juan D. Peralta of the Quality Assurance and Maintenance Branch, Andrzej Drozd of the Containment Systems and Severe Accident Branch, and James H. Wilson of the Standardization Project Directorate, on July 24 through 26, 1995. The details of the inspection were discussed with your staff members during the inspection and at the exit meeting on July 26, 1995.

The purpose of the inspection was to determine if automatic depressurization system (ADS) testing activities performed at the VAPORE test facility to support design certification of the Westinghouse AP600 advanced reactor design were conducted under the appropriate provisions of WCAP-8370, Revision 12A, the most recent Westinghouse Quality Assurance Plan (topical report) that has been approved by the NRC. The pertinent provisions of WCAP-8370 were implemented at VAPORE by ENEA document AP600-GQ9402, "Quality Assurance Plan Description: AP600 Test Program Conducted at the VAPORE Plant in ENEA Cassacia (Phase B)," Revision 2.

Areas examined during the NRC inspection and our findings are discussed in the enclosed inspection report. The inspection consisted of an examination of procedures and representative records, interviews with personnel, and observations by the inspectors.

The results of the inspection indicate that Westinghouse/ENEA, in general, were adequately implementing the AP600 Project quality assurance program requirements with the exception of one finding and an unresolved item. Specifically, the team identified a Nonconformance with program implementation with respect to the generation of facility as-built drawings for AP600 ADS Phase B testing at VAPORE. Also, the team identified an Unresolved Item concerning the fact that the ENEA quality assurance program does not include adequate measures to effectively control the calibration status of the reference instruments or standards used for instrument calibration. No provisions were in place to require re-calibration at the requisite intervals.

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The responses requested by this letter and the enclosed Notice of Nonconformance are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, Public Law No. 96-511.

In accordance with 10 CFR Part 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be placed in the NRC's Public Document Room.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,



Robert M. Gallo, Chief
Special Inspection Branch
Division of Inspection and Support Programs
Office of Nuclear Reactor Regulation

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Enclosures:

1. Notice of Nonconformance
2. Inspection Report No. 99900404/95-02

cc w/encls: See Next Page

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AP600

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