



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

January 22, 1999

Mr. George W. Dillon, Manager
Repair and Replacement Services
Westinghouse Nuclear Services Division
Energy Systems Business Unit
Westinghouse Electric Corporation
200 Cheswick Avenue
Cheswick, Pennsylvania 15024-1358

SUBJECT: NRC INSPECTION REPORT NO. 99901043/98-01 AND NOTICE OF
NONCONFORMANCE

Dear Mr. Dillon:

During the period of October 14-15, 1998, the U.S. Nuclear Regulatory Commission (NRC) performed an inspection at Eaton/Cutler-Hammer's (ECH's), Aftermarket Product Center (APC) in Greenwood, South Carolina, where Westinghouse Type DHP medium-voltage circuit breakers were manufactured for use at Illinois Power Corporation's Clinton Power Station (Clinton). On October 28 and 29, 1998, we performed an inspection at your Cheswick, Pennsylvania, facility. At ECH, the NRC inspectors observed the implementation of your quality assurance program during inspection, testing and repair of 4.16-kV Westinghouse Type 50DHP350, 1200-ampere, circuit breakers that ECH recently built as commercial-grade items, and which your organization dedicated and supplied to Clinton as basic components. At Cheswick, the inspectors selectively reviewed the implementation of the Repair and Replacement Services (RRS) 10 CFR Part 50, Appendix B, quality assurance program for refurbishment of low- and medium-voltage circuit breakers and dedication of commercial-grade items for resale and for use in the refurbishment of safety-related circuit breakers.

During this inspection, the NRC inspectors identified instances in which the implementation of the RRS QA program covering the manufacture and dedication of DHP type circuit breakers failed to meet certain NRC requirements. Inadequate implementation of your QA program resulted in numerous deficiencies that were identified at Clinton during receipt inspections of the Class 1E circuit breakers that you supplied. The specific nonconformances are cited in the enclosed Notice of Nonconformance and the details are discussed in the enclosed report.

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

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Mr. G. W. Dillion

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In accordance with 10 CFR Part 2.790 of the NRC "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, please contact Mr. Kamal Naidu at 301-415-2980/krn@nrc.gov or Mr. Stephen Alexander at 301-415-2995/sda@nrc.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read "Richard P. Correia". The signature is fluid and cursive, with the first name "Richard" being more prominent.

Richard P. Correia, Acting Chief
Quality Assurance, Vendor Inspection
and Maintenance Branch
Division of Reactor Controls and Human Factors
Office of Nuclear Reactor Regulation

Enclosures: 1. Notice of Nonconformance
2. Inspection Report No. 99901043/98-01