



NIAGARA MOHAWK POWER CORPORATION / 300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202 / TELEPHONE (315) 474-1511

November 16, 1984  
(NMP2L 0244)

Mr. R. W. Starostecki, Director  
U. S. Nuclear Regulatory Commission  
Region I  
Division of Project and Resident Programs  
631 Park Avenue  
King of Prussia, PA 19406

Re: Nine Mile Point - Unit 2  
Docket No. 50-410

Dear Mr. Starostecki:

Enclosed is a final report in accordance with 10CFR50.55(e) for the problem concerning the use of a nonqualified breaker in a Quality Assurance Category I battery charger. This problem was reported to P. Russ of your staff on August 7, 1984. An interim report was submitted via our letter dated September 6, 1984.

Very truly yours,

C. V. Mangan  
Vice President  
Nuclear Engineering and Licensing

CVM/GG/dd

Enclosure

xc: Director of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

R. A. Gramm, NRC Resident Inspector

Project File (2)

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NIAGARA MOHAWK POWER CORPORATION  
NINE MILE POINT - UNIT 2  
DOCKET NO. 50-410

Final Report for a Problem Concerning the Use  
of Nonqualified Breakers in Battery Chargers  
(55(e)-84-30)

Description of the Problem

An inspection of the Division III battery chargers 2BYS\*CHGR2C1 and 2BYS\*CHGR2C2 indicated that the dc circuit breakers actually provided were different from those shown on the bill of material. The vendor was required to provide qualified Class 1E circuit breakers manufactured by Westinghouse. Correct dc circuit breakers were identified on the bill of material, but the battery chargers supplied to the Nine Mile Point 2 site were equipped with nonqualified Square D dc circuit breakers.

Analysis of Safety Implications

Since the subject breakers were not qualified as Class 1E, it is assumed that the breakers could have failed. Failure of the circuit breakers would have resulted in the battery chargers not performing their intended function, thus eventually resulting in a loss of Division III dc power. Therefore, had this problem remained uncorrected, it could have adversely affected the safety of operations of the plant.

Corrective Action

The nonqualified Square D dc circuit breakers will be replaced with nuclear-qualified dc output breakers in accordance with Nonconformance and Disposition Report No. 8444.