



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

May 20, 1985  
(NMP2L 0415)

Mr. R. W. Starostecki, Director  
U.S. Nuclear Regulatory Commission  
Region I  
Division of Reactor Projects  
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 Magnetrol level switches. This problem was reported via tel-con to S. Collins of your office on September 26, 1984. An interim report was submitted via our letter dated October 25, 1984.

Very truly yours,

C. V. Mangan  
Vice President  
Nuclear Engineering and Licensing

CVM/GG/c1a

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

R. A. Gramm, NRC Senior Resident Inspector

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

Final Report for a Problem  
Concerning Magnetrol Level Switches  
(55(e)-84-41)

Description of the Problem

The problem pertains to Magnetrol level switches, Model No. C-751. These switches are manufactured by Magnetrol Company and are supplied to Nine Mile Point - Unit 2 by General Electric.

General Electric's Early Warning Notice No. 47 indicated that during a high energy line break the switch gasket could fail, thus resulting in a failure/short of the microswitch. The failure of the switch could result in the loss of safety-related dc power supply. The subject switches are used in safety-related systems.

Analysis of Safety Implications

Subsequent environmental qualification testing for these switches shows that these devices meet the environmental qualification requirements for Nine Mile Point - Unit 2 and therefore do not present any safety implications.