

August 2, 1984
(NMP2L 0119)

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 qualification of Kerite 1000-V control cable with 40-mil FR-type insulation. This problem was reported via telecon to Mr. R. Gallo of your staff on August 29, 1983.

Very truly yours,

C. V. Mangan

C. V. Mangan
Vice President

Nuclear Engineering & Licensing

TL:ja

Enclosure

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

R. A. Gramm, Resident Inspector

Project File (2)

8408210439 840802
PDR ADOCK 05000410
S PDR

IE 27

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

Final Report for a Problem Concerning
Qualification of 40-mil, Kerite 1000-V Fire Resistant
Control Cable

Description of the Problem

The problem concerns 40-mil, 1000-V fire resistant control cable supplied by Kerite. Investigation has revealed that the subject cable is not qualified for use in the primary containment and portions of the Reactor Building.

Analysis of Safety Implications

Based on engineering judgment, if this problem were to have remained uncorrected, it could have adversely affected the safe operation of the plant.

Corrective Actions

a. Primary Containment

Use of the subject 40-mil fire resistant insulated 1000-V control cable has been prohibited for use in safety-related circuits in the primary containment for Nine Mile Point Unit 2.

b. Reactor Building

As a result of the investigation, 51 scheduled cables were changed to alternative qualified cables for the Nine Mile Point Unit 2 Reactor Building environment. Revised cable pull tickets have been issued for 49 cables. The remaining two tickets will be issued by September 1, 1984. Further use of the subject cables has been prohibited for safety-related circuits in the Reactor Building for Nine Mile Point Unit 2.