

August 23, 1984
(NMP2L 0140)

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 an interim report in accordance with 10CFR50.55(e) for the problem concerning potentially unacceptable operation of General Electric SAM relays. This problem was reported via telecon to S. Collins of your staff on July 23, 1984.

Very truly yours,

C. V. Mangan

C. V. Mangan
Vice President

Nuclear Engineering & Licensing

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

Project File (2)

8409110036 840823
PDR ADOCK 05000410
S PDR

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

Interim Report for a Problem Concerning the
Misoperation of General Electric SAM Relays
(55(e)-84-27)

Description of the Problem

General Electric has advised Niagara Mohawk Power Corporation that it is possible for certain SAM relays (Model Nos. SAM 11, 13, 15 and certain SAM 99 special relays) to operate in less than the set time delay if the initiating contact experiences a very specific mode of contact bounce. In the Nine Mile Point Unit 2 design, these relays are used in various Category I switchgear lineup applications (e.g., load sequencing of emergency buses). These timing relays are used primarily to facilitate coordination of relays with other downstream protection. In such applications, the time delay is critical.

The matter is still under investigation, and a final report will be submitted by November 15, 1984.