



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

September 30, 1985
(NMP2L 0500)

Mr. R. W. Starostecki, Director
U.S. Nuclear Regulatory Commission
Region I
Division of Reactor Projects
631 Park Avenue
King of Prussia, PA 19406

Dear Mr. Starostecki:

Enclosed is an interim report in accordance with 10CFR50.55(e) for the problem concerning standby diesel generator unsuccessful starting during preliminary testing. This problem was reported via tel-con to L. Doerflein of your staff on September 4, 1985.

Very truly yours,

C. V. Mangan
Senior Vice President

CVM/GG/c1a
(1240H)

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

R. A. Gramm, NRC Senior Resident Inspector

Project File (2)

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

Interim Report for a Problem
Concerning Standby Diesel Generator
Unsuccessful Starting During Preliminary Testing
(55(e)85-27)

Description of the Problem

During preliminary testing a system anomaly was observed wherein the Division II standby diesel generator failed to start when given an emergency start signal. This was due to the circuit's engine speed sensing relay picking up a false speed indication through its 125 V dc control power source.

The 125 V dc power supply was apparently receiving "noise" from the Division II uninterruptable power supply, which receives its 125 V dc power from a common source under loss of offsite power and during testing of the uninterruptable power supply circuits. This "noise" was interpreted as engine speed by the two speed sensing relays and the start permissive for the engine was already disabled when the emergency start signal was given. The matter is still being investigated and a final report will be submitted by November 4, 1985.

This problem also pertains to the identical Division I standby diesel generator.