



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

SAMUEL F. MANNO
VICE PRESIDENT
NUCLEAR CONSTRUCTION

August 31, 1982
82-484

Office of Inspection and Enforcement
Region I
Attention Mr. R. W. Starostecki, Director
Division of Project and Resident Programs
U. S. Nuclear Regulatory Commission
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 30-day report in accordance with 10CFR50.55(e) for the potential deficiency regarding HPCS Diesel Generator Qualification documentation. This condition was reported by telephone conversation to Mr. W. Baunack of your staff on August 5, 1982 as a potentially reportable deficiency.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

Samuel F. Manno
Vice President
Nuclear Construction

SFM/NLR:sam
Enclosure

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

Mr. R. D. Schulz, Resident Inspector

B209130245 B20831
PDR ADDCK 05000410
S FDR

IEU

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

Interim Report for a Potentially Reportable
Deficiency Under 10CFR50.55(e) Regarding
HPCS Diesel Generator Qualification
Documentation

Description of Deficiency

NMPC conducted a QA review of the qualification documentation for the HPCS diesel generator system at GE-NEG in San Jose, CA, during the week of June 28, 1982. The following conditions were observed:

1. During the production test of the High Pressure Core Spray (HPCS) diesel generator, the ambient temperature of 122°F (50°C) specified in the purchase specification data sheet, GE Document No. 21A9236CB, was not attained. The ambient temperature during the testing did not exceed 96°F (35.5°C) at any time. Paragraphs 5.2.3.1 and 5.2.3.6 of IEEE 323-1971 require testing to the extremes of service conditions.
2. The Vibration Test Data, required by GE Document No. 21A9236, paragraph 5.1.1.b, to show the unit is free of excessive vibration during operation, was not included in the test report.
3. The test report does not include the following items required by IEEE 323-1971:
 - a. The variables to be measured including accuracies (paragraph 5.2.3.2)
 - b. The number, type, and location of test monitors for each variable (paragraph 5.2.3.3)
 - c. The range, sequence, and combinations of environments to simulate the design basis event (paragraph 5.2.3.6)
 - d. Equipment mountings relative to performance (paragraph 5.2.3.7)
 - e. Cable connections and other required appurtenances (paragraph 5.2.3.8)
 - f. Summary, conclusions, and recommendations (paragraph 5.2.4.6)
4. Seismic analysis of the skid assembly does not clearly demonstrate operability of the assembly during and after a seismic event. Although the analysis of the components covered in the reports is comprehensive, there are apparent omissions. As an example, no analysis or justification for omitting the analysis for the starter solenoid valve is provided.

The matter is still under investigation. A final report will be submitted by November 1, 1982.