Enclosure 3

NIAGARA MOHAWK

Donald P. Dise
Vice President
Engineering

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

January 20, 1978

Director of Nuclear Reactor Regulation
Attn: Mr. Karl R. Goller
Assistant Director of Operating Reactors
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Re: Nine Mile Point Unit 1
Docket No. 50-220
DPR-63

Gentlemen:

Your letter of December 15, 1977 requested information concerning the emergency diesel generators at Nine Mile Point Unit 1. It was requested that available information be supplied by January 20, 1978.

At the present time, only a partial response to your request can be made. A partially-completed questionnaire is attached.

A completed questionnaire will be supplied by February 20, 1978.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

Donald P. Dise
Vice President-Engineering

MGM/szd

Attachment

S. Are any foreign gases such as propane, freon, halon, carbon dioxide, etc. stored in the: Diesel Engine room? Yes ____ No X or adjacent buildings? Yes ___ No X

If yes, (other than hand portable fire extinguishers), then identify gases and give approximate tank size.

Gases	Volume (ft^3)
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

T. Does control system automatically bypass, in emergency starting, any engine temporarily out of service for maintenance? Yes ____ No X ; There is only one diesel generator on each emergency bus.

If yes, then how many failures to bypass have occured?

_____

U. Does the control system automatically override the test mode under emergency conditions? Yes X No ____

V. Have repetitive mechanical failures occurred in any component part or subsystem of the engine, generator, or switch gear, etc.? Yes ____ No X

If yes, then which part or subsystem? _____

How many failures? _____

Give nature of failure. _____

_____

_____

W. Would periodic (yearly or other) evaluation and/or testing by "outside experts" contribute significantly to the diesel-generator reliability? Yes X No ____

Give brief reasons for the answer. The vendor serviceman is more likely to spot developing troubles. He also has knowledge of current unit problems on similar units.

_____

X. 1. Give the accumulated time-load operating record for each diesel-generator unit from installation to the present (Running Hours):

Preoperational test Date 7/69

Engine Serial No.	Surv. Testing & Maintenance Hrs. No Load	Loaded	Emergency and Other Service Hrs.	Total Hours
102	20*	200*	290**	510***
103	20*	200*	290**	510***

2. Surveillance test load (percent of continuous rating) 100

3. Give the projected or planned time-load operation for each diesel-generator unit during the next 12 months.

Surveillance & Maintenance Hrs.	Emergency and other Service Hrs.	Total Hours	
1 hr/month per unit	none	24	

4. Provide the following summary of the periodic surveillance testing experience:

a. Starting date of surveillance testing (OL date) 8/69
b. Periodic test interval monthly
c. Total number of surveillance tests performed 129
d. Total number of test failures none

failure to start none failure to accept load none
failure to carry load none failures due to operator error none
failure due to equipment not being operative during emergency conditions none

e. Supply a copy of the surveillance test procedures with this completed questionnaire. Request procedures R2 and N1/S1/M4 from Nine Mile Point, T. J. Perkins-Superintendent.

* These are estimated hours.

** Units were used for peaking prior to operation.