

SEP 3 0 1975

Docket No. 50-220

Niagara Mohawk Power Corporation  
ATTN: Mr. Gerald K. Rhode  
Vice President - Engineering  
300 Erie Boulevard West  
Syracuse, New York 13202

Gentlemen:

As discussed in a telephone conversation on August 15, 1975 between Mr. C. Mangan and Mr. W. Norwicke of Niagara Mohawk Power Corporation and Mr. J. Guibert and Mr. P. Clemenson of the U. S. Nuclear Regulatory Commission, we require information concerning potential operational limitations of the onsite standby emergency diesel engines for Nine Mile Point Unit 1. In this regard, your response to the following is requested:

- (a) For each model diesel engine and its associated subsystems, describe and discuss any known limitations on continuous operation for considerable lengths of time (at least thirty days) at rated speed and for all power output levels.
- (b) Identify the following:
  - (1) the components or subassemblies that impose the limitations.
  - (2) the most adverse consequence should the limitations be disregarded.
  - (3) the possible design modifications and/or alterations which you believe will permit the diesel engine to overcome any limitations and to meet its intended function.
- (c) With these limitations discussed above, provide the power output versus operating time in either tabular or graphical form over the entire power output range of the diesel units (i.e., 100 percent of rated power to zero power output).

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Please contact us if you desire any clarification of the information requested.

Sincerely,

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George Lear, Chief  
Operating Reactors Branch #3  
Division of Reactor Licensing

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