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| FROM: Niagara Mohawk Power Corp. Syracuse, N.Y. 13202 Gerald K. Rhode | | DATE OF DOC 4-15-75 | DATE REC'D 4-16-75 | LTR XX | TWX | RPT | OTHER |
| TO: Mr. A. Giambusso | | ORIG 1 signed | CC 39 | OTHER | SENT AEC PDR SENT LOCAL PDR | | XX XX |
| CLASS | UNCLASS XXX | PROP INFO | INPUT | NO CYS REC'D 40 | DOCKET NO: 50-220 | | |

DESCRIPTION: Ltr trans the following:

ENCLOSURES: Anticipated Transients Without Scram: Study for the Nine Mile Point Nuclear Power Station Unit 1 (NEDO-20847 Class 1 March 1975)

(40 cys encl rec'd) **Do Not Remove**

PLANT NAME: Niagara Mohawk Pwr. Corp.

See File

FOR ACTION/INFORMATION DHL 4-17-75

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1. The first part of the report
deals with the general situation
of the country and the
economic conditions.

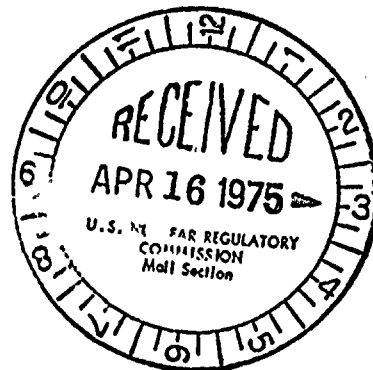
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NIAGARA MOHAWK POWER CORPORATION **Regulatory Docket File**

NIAGARA  MOHAWK

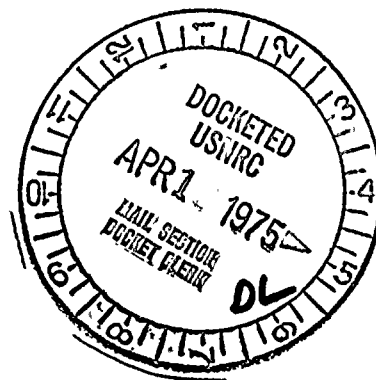
300 ERIE BOULEVARD, WEST
SYRACUSE, N. Y. 13202

April 15, 1975



Mr. A. Giambusso, Director
Division of Reactor Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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



Dear Mr. Giambusso:

Enclosed are forty (40) copies of NEDO-20847, the analysis of anticipated transients without scram for Nine Mile Point Unit 1. This analysis is submitted in response to your letter of October 4, 1974. It should be noted that Table 4-1 is incorrectly labeled and should pertain specifically to Nine Mile Point Unit 1.

The results of the analysis for the worst case transient, closure of all main steam isolation valves, show that with reactor recirculation pumps tripping automatically on high reactor pressure, all parameters remain within acceptable limits. However, in view of the extremely remote probability for occurrence of this transient, as discussed in WASH-1270, Nine Mile Point Unit 1 does not currently have this feature.

4155




A. Giambusso
U. S. Nuclear Regulatory Commission

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This analysis demonstrates that manual initiation of the liquid poison system is acceptable. The report shows that all parameters stay within design values even for delayed (10 minutes) actuation of liquid poison.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION



Gerald K. Rhode
Vice President-Engineering

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Enclosures (40)



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