DISTRIBUTION:
NRC PDR
Local PDR
Docket
ORB#3 Rdg
KRGoller
TJCarter
GLear
JGuibert
SATeets
OELD
OI&E (3)
TBAbernathy
SVarga
DEisenhut
ACRS (16)
RWoods
Gray file

SEP 1 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:

A preliminary review of your applications for license amendments dated June 30, 1975 and August 18, 1975 indicated that we will require additional information. The requested information is contained in the enclosure.

In order that we may complete our review on a timely basis and accommodate your earliest anticipated Cycle 4 startup date of November 1, 1975, please submit your written response to the items contained in the enclosure within 14 days following receipt of this letter.

If you have any questions regarding the requested information, we would be pleased to meet with you.

Sincerely,

/S/

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

Enclosure:
Requested Information on ECCS and GETAB Analyses for Nine Mile Point Unit 1

cc: See next page

OFFICE	ORB#3	TR	ORB#3			
SURNAME	JGuibert:kmf	RWoods	GLear			
DATE	9/10/75	9/10/75	9/10/75			

Niagara Mohawk Power Corporation - - SEP 1 0 1975

cc:

Arvin E. Upton, Esquire
LeBoeuf, Lamb, Leiby & MacRae
1757 N Street, N. W.
Washington, D. C. 20036

Anthony Z. Roisman, Esquire
Berlin, Roisman & Kessler
1712 N Street, N. W.
Washington, D. C. 20036

Dr. William Seymour, Staff Coordinator
New York State Atomic Energy Council
New York State Department of Commerce
112 State Street
Albany, New York 12207

Oswego City Library
120 E. Second Street
Oswego, New York 13126

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SEP 1 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:

A preliminary review of your applications for license amendments dated June 30, 1975 and August 18, 1975 indicated that we will require additional information. The requested information is contained in the enclosure.

In order that we may complete our review on a timely basis and accommodate your earliest anticipated Cycle 4 startup date of November 1, 1975, please submit your written response to the items contained in the enclosure within 14 days following receipt of this letter.

If you have any questions regarding the requested information, we would be pleased to meet with you.

Sincerely,

George Lear

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

Enclosure:
Requested Information on ECCS and
GETAB Analyses for Nine Mile Point
Unit 1

cc: See next page

AMERICAN REVOLUTION BICENTENNIAL 1776-1976

cc:

Arvin E. Upton, Esquire
LeBoeuf, Lamb, Leiby & MacRae
1757 N Street, N. W.
Washington, D. C. 20036

Anthony Z. Roisman, Esquire
Berlin, Roisman & Kessler
1712 N Street, N. W.
Washington, D. C. 20036

Dr. William Seymour, Staff Coordinator
New York State Atomic Energy Council
New York State Department of Commerce
112 State Street
Albany, New York 12207

Oswego City Library
120 E. Second Street
Oswego, New York 13126

ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION

ECCS AND GETAB ANALYSES FOR NINE MILE POINT UNIT 1

1. Provide the axial power distribution used in the GETAB analyses.

2. For the two most limiting (MCPR) transients as determined by the GETAB analyses, provide the maximum steamline pressure obtained and the time of limiting MCPR.

3. For the most limiting (MCPR) transient, provide time plots of the following parameters:

   a) neutron flux
   b) surface heat flux
   c) steamline pressure
   d) vessel pressure
   e) actual skirt submersion (inches)
   f) peak fuel center temperature
   g) feedwater flow
   h) vessel steam flow
   i) turbine steam flow
   j) core inlet flow
   k) recirculation flow
   l) turbine pressure rise
   m) bypass valve flow
   n) relief valve flow
   o) safety valve flow

4. For the most limiting (MCPR) transient, provide curves of neutron flux and surface heat flux versus core flow.

5. The general description of the SAFE Code model used in the ECCS analysis is not consistent with the results provided as Figures A-1a through A-1h. Specifically, there is no change in the time of boiling transition for large and small breaks as was described. Provide clarification of the SAFE Code model description.

6. The information provided in support of partial loop operation by your letter dated July 25, 1975 is not acceptable. Our letter of June 18, 1975 provides guidelines in this matter. If partial loop operation is desired, provide adequate justification.

7. Provide an explanation of the different values used for the void coefficient of reactivity as presented in Tables 5-1 and 6-1 of NEDO-20772, "General Electric BWR Reload-5 Licensing Submittal for Nine Mile Point Nuclear Station, Unit 1".