

MAR 1 1974

Docket No. 50-220

Niagara Mohawk Power Corporation
ATTN: Mr. Philip D. Raymond
Vice President - Engineering
300 Erie Boulevard West
Syracuse, New York 13202

Gentlemen:

To continue our review of your application notarized June 27, 1972, for conversion of the Provisional Operating License No. DPR-17 to a full-term operating license for Nine Mile Point Unit 1, additional information is required. The information requested is described in the enclosure to this letter and pertains to the information in the Technical Supplement in support of your application and in Amendment No. 1 to your application.

This requested information is in addition to that described in our letter to you dated February 7, 1974, and as indicated therein regarding our review schedule, we will need a satisfactory response to the enclosed matters by the same date, March 15, 1974. You are requested to provide this information as an amendment to your application with three signed and notarized originals and thirty-seven copies. Please contact us if you have any questions regarding the information requested.

Sincerely,

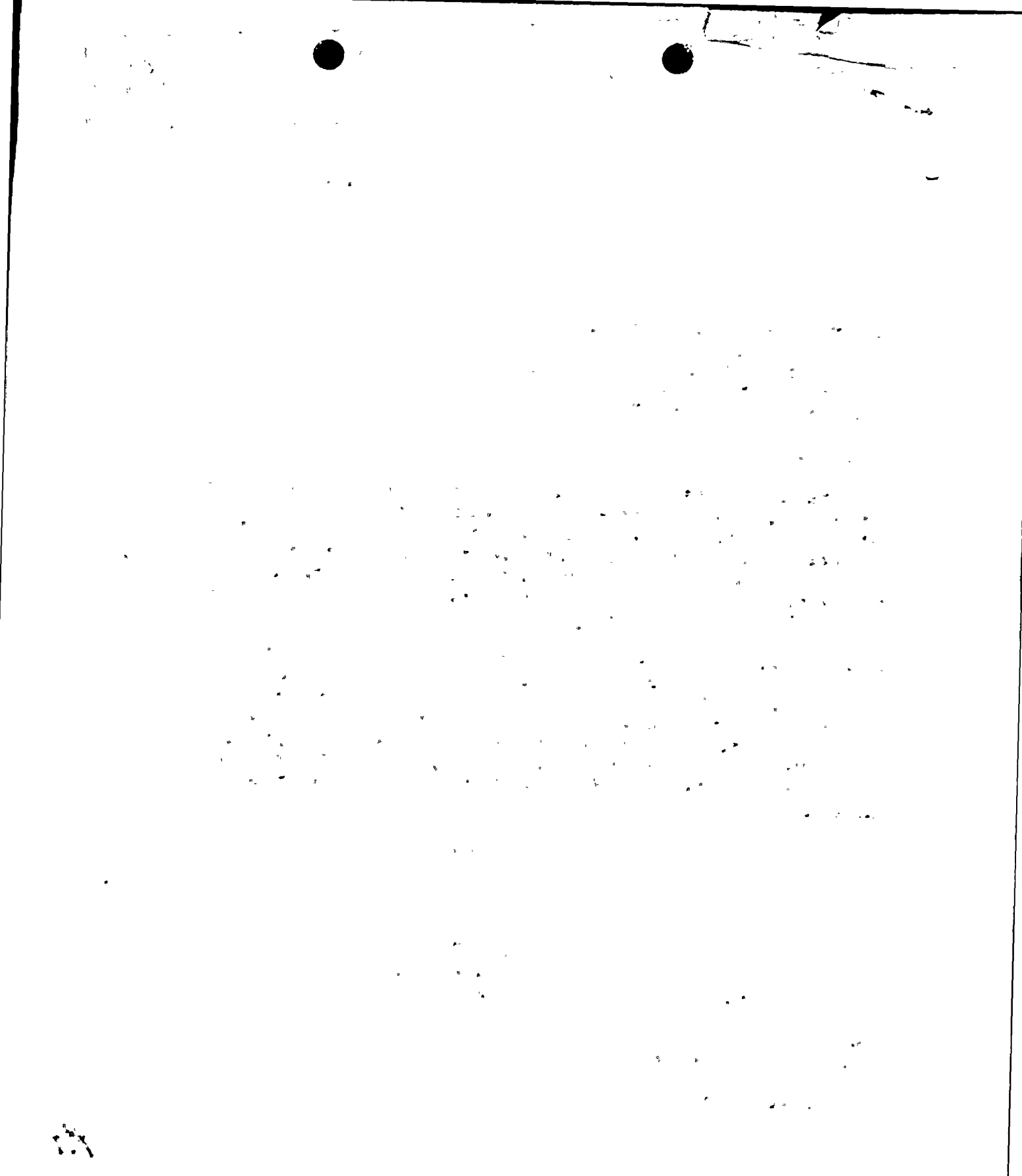
Original signed by
Dennis L. Ziemann

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Directorate of Licensing

Enclosure;
Request for Information

cc: See next page

R1



MAR 1 1974

cc w/enclosure:

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Commerce and Counsel to the
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SURNAME →	3/1/74	3/1/74	3/1/74			
DATE →						

ADDITIONAL INFORMATION REQUIRED

CONVERSION OF PROVISIONAL TO FULL-TERM OPERATING LICENSE

NINE MILE POINT UNIT 1

DOCKET NO. 50-220

1. You are requested to provide the following additional information or commitment related to the Containment Atmosphere Dilution (CAD) System as described in Amendment No. 1 to your application.
 - a. Technical Specifications should be proposed to limit the oxygen concentration to less than 4% by volume during normal plant operation. Such action would provide a reasonable time following a postulated LOCA before CAD system actuation would become necessary.
 - b. Provide confirmation that your emergency operating procedures require that the containment sprays remain in operation to ensure mixing in the post-accident period.
 - c. Provide confirmation that your emergency operating procedures include limiting the post-accident repressurization of the containment to less than 20 psig.
 - d. The design of the CAD system should be modified to provide active redundancy in the valve arrangements.
 - e. The oxygen sampling system should be designed to engineered safety feature standards, including redundant oxygen analyzers each being capable of sampling several locations within the drywell and torus.
2. In our review of electrical and instrumentation systems, we have found that the main steam line isolation valve position switches, required for reactor trip, have not been qualified for the environment in which they are required to operate during a steam line break incident. These switches should be tested to establish that they are capable of performing their required function in a simulated accident environment. They should be operable before, during, and after the incident.

OFFICE						
SURNAME						
DATE						

