

MARCH 27 1979

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Docket No. 50-220

Mr. Donald P. Dise  
 Vice President - Engineering  
 Niagara Mohawk Power Corporation  
 300 Erie Boulevard West  
 Syracuse, New York 13202

Dear Mr. Dise:

By communications with both the NRC Office of Inspection and Enforcement and with Niagara Mohawk licensing personnel it has come to the staff's attention that you plan to modify, without NRC review and approval, two Nine Mile Point Unit 1 safety related systems. The proposed modifications affect: (1) the Core Spray System by the installation of bypass lines around MOV's IV 40.01, 40.09, 40.10 and 40.11 and (2) the Reactor Protection System by the installation of the Analog Transmitter/Trip Unit System (ATTUS).

At this time you are advised that the aforementioned activities are being initiated at your own financial risk. Installation should not commence unless these activities are fully in compliance with the rules and regulations of the Commission, particularly 10 CFR 50.59 and the Nine Mile Point Unit 1 Operating License. In order that we may be kept fully informed of the exact nature of these determinations, we request that you send us copies of your written safety evaluations which provide the basis for your conclusion that such activities are permissible without prior NRC authorization. These safety evaluations should be forwarded to us in advance of your commencement of any installation activity.

With respect to the Core Spray System modifications, your safety evaluations should include, but not be limited to, the following items: (1) piping stress analyses, (2) pipe break/pipe whip analysis, (3) system flow balance with bypass both open and closed, (4) water hammer analysis, (5) revised drawings and valve line-up lists, (6) revised Technical Specifications, (7) ASME B&PV Code requirements, (8) most recent results for tests conducted in accordance with Technical Specification 4.1.4, and (9) results of the Core Spray Sparger leakage test.

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With respect to the ATTUS installation, your safety evaluations should include, but not be limited to, the following items: (1) interface information as delineated in Section 5.4 of NEDO-21617-1 dated January 1978, (2) environmental qualification for normal, abnormal and accident

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conditions as defined by Standard Review Plan 3.11 (Rev. 1), (3) effect on the capability to assess plant conditions during and following an accident, (4) effect on the Reactor Protection System, (5) separation criterion, (6) Fire Protection criteria and (7) Revised Technical Specifications.

Please be advised that the Office of Inspection and Enforcement has been requested to monitor installation activities at Nine Mile Point Unit 1. In addition, please advise us, at the earliest possible date, of your intentions in order to assure the timely approval of your Reload 7 application submitted November 20, 1978.

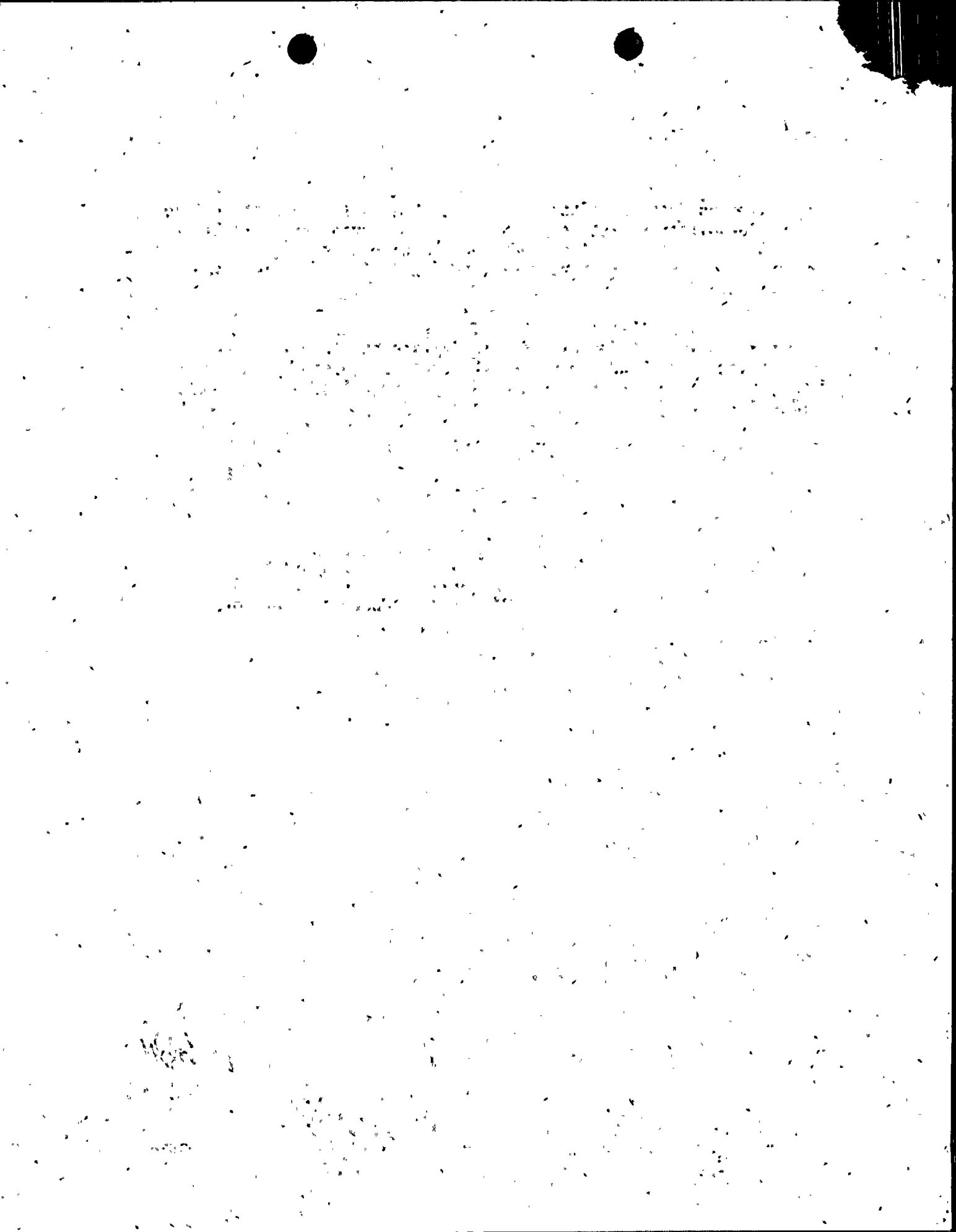
If we can be of further assistance, please advise.

Sincerely,

<sup>original signed by</sup>  
Thomas A. Ippolito, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors

cc: See next page

OFFICE >	ORB #3	RSB	EB	AD-E&P	OELD	ORB #3
CURNAME >	PPolk:mjf	Glainas	VNoonan	BGrines	(W)Imstead	Ippolito
DATE >	3/20/79	3/20/79	3/20/79	3/20/79	3/21/79	3/27/79



Niagara Mohawk Power Corporation

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cc: Eugene B. Thomas, Jr., Esquire  
LeBoeuf, Lamb, Leiby & MacRae  
1757 N Street, N. W.  
Washington, D: C. 20036

Anthony Z. Roisman  
Natural Resources Defense Council  
917 15th Street, N. W.  
Washington, D. C. 20005

Oswego County Office Building  
46 E. Bridge Street  
Oswego, New York 13126