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June 29, 1976

Docket No. 50-410

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

Gentlemen:

This letter is to inform you of recent events and conclusions concerning our generic review of Anticipated Transients Without Scram (ATWS) as they relate to Nine Mile Point, Unit 2.

As you know, upon the publication of our report on ATWS in September 1973, WASH-1270, we sent you a letter on October 10, 1973, requesting analysis of ATWS in compliance with WASH 1270 as it applied to your facility. Your response of September 25, 1974, indicated that you were referencing the General Electric topical report, NEDO-20626, "Studies of BWR Designs for Mitigation of Anticipated Transients Without Scram."

You are probably aware that the NRC staff and General Electric personnel have been engaged in an extensive effort to resolve our differences concerning the referenced General Electric topical report. We published our Status Report (Enclosure 1) on December 9, 1975, wherein we stated that additional analyses and justification of the General Electric analysis model are needed and that changes in typical General Electric plant designs are indicated. At the 189th Meeting of the Advisory Committee on Reactor Safeguards (ACRS), the ATWS issue and our Status Reports were reviewed by the ACRS with the staff and General Electric.

We now consider our review of the General Electric ATWS methods to be complete and our position clearly and adequately presented in the Status Report. We have written to General Electric (Enclosure 2) informing them that we expect by June 30, 1976, they can provide us with acceptable additional analyses and justification of the General Electric analysis model as identified in our Status Report. Therefore, we request that you provide by December 30, 1976, the following information:

✓

OFFICE						
SURNAME						
DATE						

SECRET

SECRET

TO: [illegible]
FROM: [illegible]
SUBJECT: [illegible]

DATE: [illegible]

[illegible text]

[illegible text]

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- a. The additional analyses and justification of the General Electric analysis model identified in the Status Report. (We anticipate that you will reference the generic June 30, 1976 General Electric analysis model.)
- b. Based on these analyses, identification of the design changes needed to assure that the limits specified in WASH-1270 will not be violated following an ATWS event.

We expect, of course, that the detailed description of the design changes will be included in your Final Safety Analysis Report.

We have established the above schedules for the submittal of the required information to emphasize our determination to move forward to resolve the ATWS concern and conclude the lengthy deliberations that have taken place among all parties. We expect your efforts will be directed to this same end, and if you have any questions regarding this letter, please let me know.

This request for generic information was approved by GAO under a blanket clearance number B-180225 (R0072). This clearance expires July 31, 1977.

Sincerely,

Original signed by:

R. S. Boyd

Roger S. Boyd, Director
Division of Project Management
Office of Nuclear Reactor Regulation

Enclosures:

1. Status Report
2. Letter to General Electric Company

OFFICE	LWR-2	LWR-4	OELD	AD/LWRs	DPM	
SURNAME	WKane	DMVassallo	Hoefling	RCDeVoung	RSBoyd	
DATE	6/8/76	6/8/76	6/16/76	6/9/76	6/24/76	

[The page contains several paragraphs of extremely faint, illegible text, likely a scanned document with low contrast or significant degradation. The text is organized into approximately five distinct horizontal sections.]