

November 24, 1986

Docket No. 50-220

Niagara Mohawk Power Corporation  
ATTN: Mr. C. V. Mangan  
Senior Vice President  
c/o Miss Catherine R. Seibert  
300 Erie Boulevard West  
Syracuse, New York 13202

Dear Mr. Mangan:

SUBJECT: SAFETY EVALUATION - STRUCTURAL INTEGRITY OF VACUUM BREAKERS  
(TAC 57160)

Re: Nine Mile Point Nuclear Station, Unit No. 1

We have completed our review of your submittals dated July 22, 1983 and March 7, 1986 regarding the structural integrity of vacuum breakers in the Nine Mile Point Nuclear Station, Unit No. 1 (NMP1), for the Mark I Containment Program. A detailed review and technical evaluation was performed by the Staff's contractor, Franklin Research Center (FRC), and is found in the attached Technical Evaluation Report (TER). It should be noted that on pages 8 and 15 of the TER, the vacuum breaker type and size for both Fitzpatrick and Nine Mile Point Unit 1 should be AM 30 in. (external), and not AM 18 in. (external). We have reviewed this report and concur with the contractor's conclusion that the vacuum breakers at NMP1 will provide adequate margins of safety under the revised loadings in the Mark I containment for all operating conditions, and therefore need not be modified.

A copy of the Safety Evaluation supporting our findings is enclosed.

Sincerely,

Original signed by Jack Donohew for

John A. Zwolinski, Director  
BWR Project Directorate #1  
Division of BWR Licensing

Enclosure:  
Safety Evaluation

cc w/enclosure:  
See next page

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*[The text in this section is extremely faint and illegible. It appears to be a multi-paragraph document with some headings and sub-sections, but no specific words can be discerned.]*

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

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Senior Vice President  
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Syracuse, New York 13202

Dear Mr. Mangan:

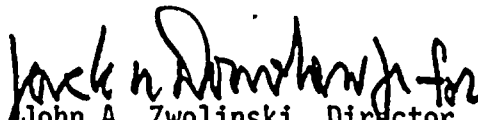
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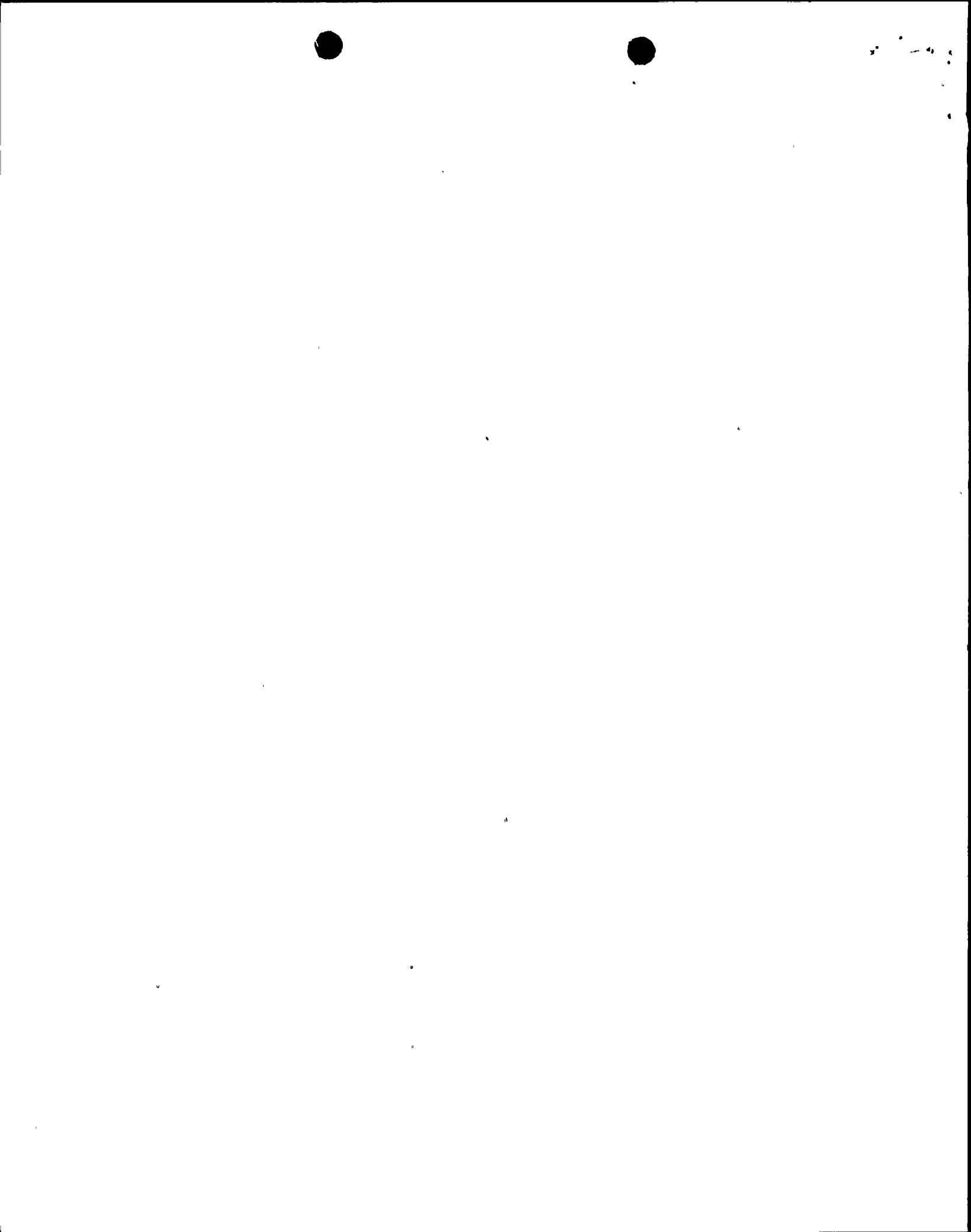
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Sincerely,

  
John A. Zwolinski, Director  
BWR Project Directorate #1  
Division of BWR Licensing

Enclosure:  
Safety Evaluation

cc w/enclosure:  
See next page



Mr. C. V. Mangan  
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station,  
Unit No. 1

cc:  
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Washington, D. C. 20006

Frank R. Church, Supervisor  
Town of Scriba  
R. D. #2  
Oswego, New York 13126

Niagara Mohawk Power Corporation  
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Resident Inspector  
U. S. Nuclear Regulatory Commission  
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Lycoming, New York 13093

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