

September 16, 1991

Docket No. 50-220

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Mr. B. Ralph Sylvia
 Executive Vice President, Nuclear
 Niagara Mohawk Power Corporation
 301 Plainfield Road
 Syracuse, New York 13212

Dear Mr. Sylvia:

SUBJECT: NINE MILE POINT NUCLEAR STATION UNIT NO. 1 - REQUEST FOR INFORMATION REGARDING PERFORMANCE OF STEEL CONTAINMENT (TAC NO. 80214)

Meetings were held on April 24, 1991, and July 15, 1991, with Niagara Mohawk Power Corporation and NRC staff representatives to discuss torus wall thinning and the overall performance capabilities of the Nine Mile Point Unit No. 1 containment to withstand severe accidents. This information is to be used by the staff for a study on containment performance. The purpose of this study is to assess the performance of steel containments with inservice degradation in order to identify design basis and severe accident concerns.

The NRC staff needs additional information regarding the Nine Mile Point Unit No. 1 drywell in order to complete this study. The specific information requested is noted in the enclosed request for additional information. Please provide this information within 30 days from receipt of this letter.

The requirements of this letter affect fewer than 10 respondents and, therefore, are not subject to Office of Management and Budget review under P.L. 96-511.

Sincerely,
 ORIGINAL SIGNED BY:
 Donald S. Brinkman, Senior Project Manager
 Project Directorate I-1
 Division of Reactor Projects - I/II
 Office of Nuclear Reactor Regulation

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Enclosure:
 Request for additional
 information

cc w/enclosure:
 See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555

September 16, 1991

Docket No. 50-220

Mr. B. Ralph Sylvia
Executive Vice President, Nuclear
Niagara Mohawk Power Corporation
301 Plainfield Road
Syracuse, New York 13212

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REGARDING PERFORMANCE OF STEEL CONTAINMENT (TAC NO. 80214)

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Sincerely,

A handwritten signature in cursive script that reads "Donald S. Brinkman".

Donald S. Brinkman, Senior Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Request for additional
information

cc w/enclosure:
See next page



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Mr. B. Ralph Sylvia
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station
Unit No. 1

cc:

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Ms. Donna Ross
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REQUEST-FOR-ADDITIONAL INFORMATION
REGARDING-PERFORMANCE-OF-STEEL-CONTAINMENTS
NIAGARA-MOHAWK-POWER-CORPORATION
NINE-MILE-POINT-NUCLEAR-STATION-UNIT-NO.-1
DOCKET-NO.-50-220

The following information is requested:

Drywell-

1. Loads and load combinations*
2. Stresses at governing section or sections*
3. Ultimate capacity computation

Drywell-Head-Details

1. Dimensions of the head
2. Material properties of the steel
3. Structural design computation
4. Seal design and materials used

Drywell-Head-Bolts

1. Sizes and details of the bolts
2. Bolt materials
3. Number of bolts and bolt circle diameter
4. Preload for operation
5. Temperature differentials for design basis and accident conditions.

*The table provided for the April 24, 1991, meeting is not totally legible.

