

50-410



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

February 17, 1999

Mr. John H. Mueller
Chief Nuclear Officer
Niagara Mohawk Power Corporation
Nine Mile Point Nuclear Station
Operations Building, Second Floor
Lycoming, NY 13093

SUBJECT: GENERAL VALVE RELIEF REQUEST-01 FOR THE SECOND INTERVAL
INSERVICE PUMP AND VALVE TESTING PROGRAM PLAN, NINE MILE POINT
NUCLEAR STATION, UNIT 2 (TAC NO. MA2148)

Dear Mr. Mueller:

By letter dated June 16, 1998, Niagara Mohawk Power Corporation (NMPC) submitted its second ten-year Inservice Testing (IST) Program Plan for pumps and valves at Nine Mile Point Nuclear Station, Unit 2 (NMP2). Section III of the IST Program Plan (pages 36-39) includes a general relief request, GVRR-01, for series check valves without intermediate test connections for which you find the requirements of Part 10 of the American National Standards Institute/American Society of Mechanical Engineers (ASME) "Operations and Maintenance Standards" (OM-10) to be impractical. The series check valves in this configuration are system pressure pump discharge check valves (2 High Pressure Core Spray (CSH)*P2 to CSH Header 2CSH*V17, *V55; 2 Low Pressure Core Spray (CSL) *P2 to CSL Header 2CSL*V14, *V21; 2 Residual Heat Removal (RHS) *V47, *V48; 2RHS*P2 to valves 2RHS*V60, *V61, and *V17, *V18). The function of these valves is to prevent diversion of emergency core cooling system (ECCS) flow by preventing reverse flow from the ECCS discharge path into the associated pressure pump discharge piping. NMPC tests these valves in accordance with the guidance in NUREG-1482, "Guidelines for Inservice Testing at Nuclear Power Plants," paragraph 4.1.1, "Closure Verification For Series Check Valves Without Intermediate Test Connections," and you request relief consistent with the NRC Recommendation in that paragraph. NMPC proposes to test each pair of series check valves quarterly as a unit for reverse flow closure and to apply the test results of each set to both valves of the set.

The NRC staff has reviewed the proposed GVRR-01 against the requirements of the 1989 Edition of Section XI of the ASME Boiler and Pressure Vessel Code (ASME Code) pursuant to 10 CFR 50.55a. Enclosed is the NRC staff's safety evaluation which concludes that imposition of the ASME Code requirements would result in hardship without a compensating increase in the level of quality and safety, and authorizes GVRR-01 pursuant to 10 CFR 50.55a(a)(3)(ii) on the basis that NMPC's proposed alternatives provide reasonable assurance of operational readiness. This NRC staff approval applies to the second ten-year IST interval for the above-specified NMP2 valves.

DFOI,

9902230138 990217
PDR ADOCK 05000410
P PDR

AA3

NRC FILE CENTER COPY



10/10/10

J. Mueller

- 2 -

If you have any questions regarding this matter, please contact Darl Hood by phone on (301) 415-3049 or by electronic mail at dsh@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Singh Bajwa", written over a horizontal line.

S. Singh Bajwa, Director
Project Directorate I-1
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-410

Enclosure: Safety Evaluation

cc w/encl: See next page



•••••

February 17, 1999

- 2 -

J. Mueller

If you have any questions regarding this matter, please contact Darl Hood by phone on (301) 415-3049 or by electronic mail at dsh@nrc.gov.

Sincerely,

Original signed by:

S. Singh Bajwa, Director
Project Directorate I-1
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-410

Enclosure: Safety Evaluation

cc w/encl: See next page

DISTRIBUTION:

Docket File	R. Norsworthy (e-mail SE only to RCN)
PUBLIC	OGC D. Terao
PDI-1 R/F	G. Hill
J. Zwolinski	ACRS
S. Bajwa	B. McCabe
S. Little	C. Hehl, RI
D. Hood	T. Cerovski

DOCUMENT NAME: G:\NMP2\RELA2148

*See previous concurrence

To receive a copy of this document, indicate in the box: "C" = Copy without enclosures

"E" = Copy with enclosures "N" = No copy

OFFICE	PM:PDI-1	LA:PDI-1	D:PDI-1	OGC*
NAME	DHood/rsi DSH	SLittle	SBajwa	MYoung
DATE	02/17/99	02/17/99	02/17/99	02/04/99

OFFICIAL RECORD COPY



February 17, 1999

- 2 -

J. Mueller

If you have any questions regarding this matter, please contact Darl Hood by phone on (301) 415-3049 or by electronic mail at dsh@nrc.gov.

Sincerely,

Original signed by:

S. Singh Bajwa, Director
Project Directorate I-1
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-410

Enclosure: Safety Evaluation

cc w/encl: See next page

DISTRIBUTION:

Docket File	R. Norsworthy (e-mail SE only to RCN)
PUBLIC	OGC D. Terao
PDI-1 R/F	G. Hill
J. Zwolinski	ACRS
S. Bajwa	B. McCabe
S. Little	C. Hehl, RI
D. Hood	T. Cerovski

DOCUMENT NAME: G:\NMP2\RELA2148

*See previous concurrence

To receive a copy of this document, indicate in the box: "C" = Copy without enclosures

"E" = Copy with enclosures "N" = No copy

OFFICE	PM:PDI-1	LA:PDI-1	D:PDI-1	OGC*
NAME	DHood/rsi DSH	SLittle	SBajwa	MYoung
DATE	02/17/99	02/17/99	02/17/99	02/04/99

OFFICIAL RECORD COPY

NRC FILE CENTER COPY

John H. Mueller
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station
Unit No. 2

cc:

Regional Administrator, Region I
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Charles Donaldson, Esquire
Assistant Attorney General
New York Department of Law
120 Broadway
New York, NY 10271

Resident Inspector
Nine Mile Point Nuclear Station
P.O. Box 126
Lycoming, NY 13093

Mr. Timothy S. Carey
Chair and Executive Director
State Consumer Protection Board
5 Empire State Plaza, Suite 2101
Albany, NY 12223

Mr. Jim Rettberg
NY State Electric & Gas Corporation
Corporate Drive
Kirkwood Industrial Park
P.O. Box 5224
Binghamton, NY 13902-5224

Mark J. Wetterhahn, Esquire
Winston & Strawn
1400 L Street, NW.
Washington, DC 20005-3502

Mr. John V. Vinquist, MATS Inc.
P.O. Box 63
Lycoming, NY 13093

Gary D. Wilson, Esquire
Niagara Mohawk Power Corporation
300 Erie Boulevard West
Syracuse, NY 13202

Supervisor
Town of Scriba
Route 8, Box 382
Oswego, NY 13126

Mr. F. William Valentino, President
New York State Energy, Research,
and Development Authority
Corporate Plaza West
286 Washington Avenue Extension
Albany, NY 12203-6399

Mr. Richard Goldsmith
Syracuse University
College of Law
E.I. White Hall Campus
Syracuse, NY 12223

