

January 12, 1995

Mr. B. Ralph Sylvia
Executive Vice President, Nuclear
Niagara Mohawk Power Corporation
Nine Mile Point Nuclear Station
P.O. Box 63
Lycoming, NY 13093

SUBJECT: NUREG-0619, INSPECTION PROGRAM FOR FEEDWATER NOZZLE CONTROL ROD
DRIVE RETURN LINE NOZZLE CRACKING - NINE MILE POINT NUCLEAR STATION
UNIT NO. 1 (NMP-1) (TAC NO. M89792)

Dear Mr. Sylvia:

By letter dated June 23, 1994, Niagara Mohawk Power Corporation (NMPC) informed the NRC of NMPC's decision to amend its commitment with respect to NUREG-0619, "BWR Feedwater Nozzle and Control Rod Drive Return Line Nozzle Cracking," for NMP-1. The amendment to commitment would involve utilizing the GERIS-2000 system for ultrasonic testing (UT) of nozzles during Refueling Outage 13 rather than complying with the previous commitment which would require removal and inspection of one feedwater sparger (detection of cracks would require removal and inspection of the three remaining spargers) for dye penetrant testing (PT) and performing a PT examination of the control rod drive hydraulic return line nozzle.

NMPC's letter of June 23, 1994, stated that amending this commitment could reduce critical path time during the outage by 10 to 17 days and result in a reduction of greater than 50 person-rem of occupational exposure. An added benefit would be the ability to size a crack indication without grinding and additional PT examinations. The June 23, 1994, letter also stated that the GERIS-2000 system has the ability to reliably and consistently detect cracks of 0.25 inch in depth and that crack growth calculations show that this size crack would not reach the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, allowable flaw sizes based on actual plant cycle data.

Although we have not completed our review of the June 23, 1994, submittal, we have determined that it is acceptable for NMPC to proceed with the described commitment changes. We will advise NMPC of the final results of our review when it is completed.

Sincerely,

Original signed by

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

Docket No. 50-220

cc: See next page 170007

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001
January 12, 1995

Mr. B. Ralph Sylvia
Executive Vice President, Nuclear
Niagara Mohawk Power Corporation
Nine Mile Point Nuclear Station
P.O. Box 63
Lycoming, NY 13093

SUBJECT: NUREG-0619, INSPECTION PROGRAM FOR FEEDWATER NOZZLE AND CONTROL ROD
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STATION UNIT NO. 1 (NMP-1) (TAC NO. M89792)

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Sincerely,

A handwritten signature in black ink that reads "Donald S. Brinkman".

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

Docket No. 50-220

cc: See next page



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B. Ralph Sylvia
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station
Unit No. 1

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LETTER DATED January 12, 1995 FROM B. R. SYLVIA

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