

# Niagara Mohawk

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NMP1L 1467

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U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

RE: Nine Mile Point Unit 1  
Docket No. 50-220  
DPR-63

**Subject: Submittal of 1999 Inservice Inspection Summary Report and Flaw Indication Evaluations**

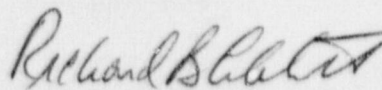
Gentlemen:

In accordance with the requirements of the ASME Boiler and Pressure Vessel Code, Section XI (1983 edition with Summer 1983 Addenda), Niagara Mohawk Power Corporation (NMPC) conducted nondestructive examinations of selected components of Nine Mile Point Unit 1 (NMP1) during refueling outage number 15 (RFO15), which ended on June 16, 1999. Enclosure 1 provides the inservice inspection (ISI) summary report for RFO15, as required by subsection IWA-6230 of Section XI of the ASME Code. With the five exceptions noted in the summary report, this report constitutes a close-out of the ASME Code required examinations for the second ten-year ISI interval, which ends on December 25, 1999.

During RFO15, NMPC also performed augmented examinations on the reactor pressure vessel (RPV) shell welds, as required on a one time basis by 10 CFR 50.55a(g)(6)(ii)(A)(2). These examinations identified flaw indications in two RPV shell welds. Enclosure 2 summarizes NMPC's evaluation of the flaw indications and concludes that the flawed welds are acceptable for continued service for twenty eight (28) effective full power years (EFPY). Enclosure 2 contains other supporting information (see Attachments 2A and 2B) and is being submitted for NRC review and approval.

Finally, during RFO15, NMPC performed ultrasonic inspections on reactor recirculation system welds in accordance with Generic Letter 88-01 and ASME Code Section XI (1983 edition with Summer 1983 Addenda). These inspections identified four welds with rejectable indications, based on the ASME Code Section XI acceptance criteria. However, the indication sizes are less than those determined to be acceptable by calculation. Therefore, the indications are considered acceptable for continued service through the present plant operating cycle. Enclosure 3 provides NMPC's evaluation of the flaw indications and the supporting calculation (see Attachment 3A). Enclosure 3 is also being submitted for NRC review and approval.

Very truly yours,



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Enclosures

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Mr. S. S. Bajwa, Section Chief PD-I, Section 1, NRR  
Mr. G. K. Hunegs, NRC Senior Resident Inspector  
Mr. D. S. Hood, Senior Project Manager, NRR  
Records Management

**ENCLOSURE 1**