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 TERRY, C.D. Niagara Mohawk Power Corp.
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SUBJECT: Submits NMP1 6 month Torus Wall Ultrasonic Test Results for
 six bays w/average wall thickness closest to 0.431 inches
 min wall thickness. NMP1 Torus remains in conformance w/SE
 requirements.

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NIAGARA MOHAWK

GENERATION
BUSINESS GROUP

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CARL D. TERRY
Vice President
Nuclear Engineering

September 20, 1996
NMP1L 1128

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

RE: Nine Mile Point Unit 1
Docket No. 50-220
DPR-63
TAC No. M80214

Subject: Six-Month Torus Wall Ultrasonic Test Results

Gentlemen:

In accordance with the Nuclear Regulatory Commission's (NRC) Safety Evaluation of August 11, 1994 and our letter of September 14, 1994 (NMP1L 0861), Niagara Mohawk hereby submits the Nine Mile Point Unit 1 (NMP1) six-month Torus Wall Ultrasonic Test results for the six bays with average wall thicknesses closest to the 0.431 inches minimum wall thickness. Based on the attached measurements, the NMP1 Torus remains in conformance with the Safety Evaluation requirements, in that the smallest average thickness (with calibration adjustment applied) is 0.453 inches, which is greater than 0.431 inches.

Niagara Mohawk is also making changes to address minor inaccuracies found in numbers previously submitted on the NMP1 Six-Month Torus Wall Ultrasonic Test Results Report. The inaccuracies were due to improper rounding off of test data. The revised numbers are identified in the attached test results and summarized in the table (Revised Six-Month Torus Wall Ultrasonic Test Results) at the end of the report. The discrepancies are minor and the changes do not significantly impact the previously submitted results. The cause of the inaccurate numbers is being reviewed in accordance with the Nine Mile Point Deviation Event Report Program.

Very truly yours,

C. D. Terry

Vice President - Nuclear Engineering

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CDT/KLL/lmc
Attachment

xc: Regional Administrator, Region I
Mr. D. S. Hood, Senior Project Manager, NRR
Mr. B. S. Norris, Senior Resident Inspector
Records Management

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Adol
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**NINE MILE POINT UNIT 1
TORUS WALL THICKNESS MEASUREMENTS**

BAY NO. (LOC.)	MEASUREMENT INTERVAL	* AVERAGE THICKNESS (t) w/CALIBRATION	STANDARD DEVIATION
6 - Outside	August 1989	0.457	0.0011
	February 1990	0.460	0.0015
	August 1990	0.455	0.0014
	March 1991	0.456	0.0022
	September/October 1991	0.461	0.0018
	January/February 1992	0.457	0.0016
	September 1992	0.458	0.0017
	February 1993	0.462	0.0018
	August 1993	0.459	0.0019
	February 1994	0.454	0.0013
	August 1994	0.455	0.0014**
	January 1995	0.455	0.0014
	July 1995	0.455	0.0017
	January 1996	0.456	0.0016
	July 1996	0.457	0.0017
7 - Outside	August 1989	0.462	0.0019
	February 1993	0.459	0.0017
	August 1993	0.459	0.0017
	February 1994	0.454	0.0017
	August 1994	0.458	0.0015
	January 1995	0.455**	0.0013**
	July 1995	0.457	0.0015
	January 1996	0.456	0.0016**
	July 1996	0.457	0.0022
8 - Outside	August 1989	0.459	0.0025
	September 1992	0.456	0.0031
	February 1993	0.456	0.0021
	August 1993	0.457	0.0032
	February 1994	0.453	0.0028
	August 1994	0.452	0.0025
	January 1995	0.452	0.0023
	July 1995	0.452	0.0022
	January 1996	0.453	0.0024
	July 1996	0.453	0.0026
17 - Inside	August 1989	0.456	0.0026
	February 1990	0.455	0.0014
	August 1990	0.456	0.0016
	March 1991	0.457	0.0008
	September/October 1991	0.458	0.0015
	January/February 1992	0.457	0.0020
	September 1992	0.457	0.0015
	February 1993	0.455	0.0018
	August 1993	0.455	0.0019
	February 1994	0.455	0.0020
	August 1994	0.454	0.0018
	January 1995	0.454	0.0016
	July 1995	0.454	0.0020
	January 1996	0.456	0.0020
	July 1996	0.457	0.0021

**NINE MILE POINT UNIT 1
TORUS WALL THICKNESS MEASUREMENTS**

BAY NO. (LOC.)	MEASUREMENT INTERVAL	* AVERAGE THICKNESS (t) w/CALIBRATION	STANDARD DEVIATION
17 - Outside	August 1989	0.454	0.0020
	February 1990	0.453	0.0021
	August 1990	0.455	0.0017
	March 1991	0.453	0.0010
	September/October 1991	0.456	0.0018
	January/February 1992	0.455	0.0019
	September 1992	0.456	0.0017
	February 1993	0.451	0.0017
	August 1993	0.451	0.0016
	February 1994	0.453	0.0015
	August 1994	0.452	0.0015
	January 1995	0.453	0.0013**
	July 1995	0.452	0.0018
	January 1996	0.452	0.0016
	July 1996	0.457	0.0020
20 - Outside	August 1989	0.456	0.0018
	February 1990	0.457	0.0022
	August 1990	0.456	0.0020
	March 1991	0.456	0.0023
	September/October 1991	0.458	0.0022
	January/February 1991	0.457	0.0021
	September 1992	0.454	0.0021
	February 1993	0.454	0.0018
	August 1993	0.453	0.0025
	February 1994	0.455	0.0021
	August 1994	0.454	0.0025
	January 1995	0.455	0.0017
	July 1995	0.456	0.0028
	January 1996	0.460	0.0024
	July 1996	0.460	0.0020

Note: All values in inches.

* Average of 65 measurements over a 1' x 3' grid.

** Revised in September 1996 to correct a rounding error. See following table:

TABLE: Revised Six-Month Torus Wall Ultrasonics Test Results

Parameter	Measurement Interval	Previous Number	Revised Number
SD Bay 6-Outside	August 1994	0.0015	0.0014
SD Bay 7-Outside	January 1995	0.0014	0.0013
AT/C Bay 7-Outside	January 1995	0.456	0.455
SD Bay 7-Outside	January 1996	0.0017	0.0016
SD Bay 17-Outside	January 1995	0.0015	0.0013
SD-STANDARD DEVIATION		AT/C - AVERAGE THICKNESS (t) w/CALIBRATION APPLIED	

