Niagara Mohawk

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April 20, 2000
NMP1L 1511

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: ***Six-Month Torus Wall Thickness Ultrasonic Test Results***

Gentlemen:

In accordance with the Nuclear Regulatory Commission's Safety Evaluation of August 11, 1994, and Niagara Mohawk Power Corporation's letter of September 14, 1994 (NMP1L 0861), attached are the Nine Mile Point Unit 1 (NMP1) six-month torus wall thickness ultrasonic test results for the six bays with average wall thicknesses closest to the 0.431 inches minimum wall thickness requirement. These tests were conducted in March 2000. Based on the test results, the NMP1 torus remains in conformance with the Safety Evaluation requirements in that the smallest average thickness (with calibration adjustment applied) is 0.450 inches, which is greater than 0.431 inches.

Very truly yours,

Richard B. Abbott
Vice President Nuclear Engineering

RBA/IAA/jb
Attachment

xc: Mr. H. J. Miller, NRC Regional Administrator, Region I
Ms. M. K. Gamberoni, Acting Section Chief PD- I, Section 1, NRR
Mr. G. K. Hunegs, NRC Senior Resident Inspector
Mr. P. S. Tam, Senior Project Manager, NRR
Records Management

ACD1 1/1

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
	January 1997	0.456	0.0016
	July 1997	0.456	0.0018
	February 1998	0.456	0.0019
	August 1998	0.455	0.0020
	February 1999	0.456	0.0020
	August 1999	0.457	0.0019
	March 2000	0.456	0.0022
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
	January 1997	0.457	0.0019
	July 1997	0.458	0.0023
	February 1998	0.458	0.0020
	August 1998	0.458	0.0019
	February 1999	0.456	0.0023
	August 1999	0.457	0.0022
	March 2000	0.458	0.0019

Note: All values are in inches.
* Average of 65 measurements over a 1' x 3' grid

NINE MILE POINT UNIT 1
TORUS WALL THICKNESS MEASUREMENTS

BAY NO. (LOC.)	MEASUREMENT INTERVAL	* AVERAGE THICKNESS (t) w/CALIBRATION	STANDARD DEVIATION
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
	January 1997	0.452	0.0026
	July 1997	0.453	0.0030
	February 1998	0.453	0.0028
	August 1998	0.452	0.0024
	February 1999	0.452	0.0027
	August 1999	0.452	0.0026
	March 2000	0.451	0.0027
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
	January 1997	0.458	0.0018
	July 1997	0.457	0.0020
	February 1998	0.456	0.0019
	August 1998	0.456	0.0021
	February 1999	0.451	0.0017
	August 1999	0.453	0.0020
	March 2000	0.453	0.0021

Note: All values are in inches.
* Average of 65 measurements over a 1' x 3' grid

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
	January 1997	0.456	0.0020
	July 1997	0.455	0.0023
	February 1998	0.454	0.0018
	August 1998	0.453	0.0015
	February 1999	0.452	0.0019
	August 1999	0.451	0.0016
	March 2000	0.450	0.0017
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 1992	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
	January 1997	0.458	0.0019
	July 1997	0.457	0.0021
	February 1998	0.456	0.0020
	August 1998	0.455	0.0020
	February 1999	0.455	0.0024
	August 1999	0.456	0.0026
	March 2000	0.456	0.0030

Note: All values are in inches.
* Average of 65 measurements over a 1' x 3' grid