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 CONWAY, J.T. Niagara Mohawk Power Corp.
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SUBJECT: Forwards Nine Mile Point Unit 1 six-month torus wall
 ultrasonic test results for six bays w/average wall
 thicknesses closest to 0.431 inches minimum wall thickness
 IAW NRC SE of 940811 & NMP ltr of 970914.

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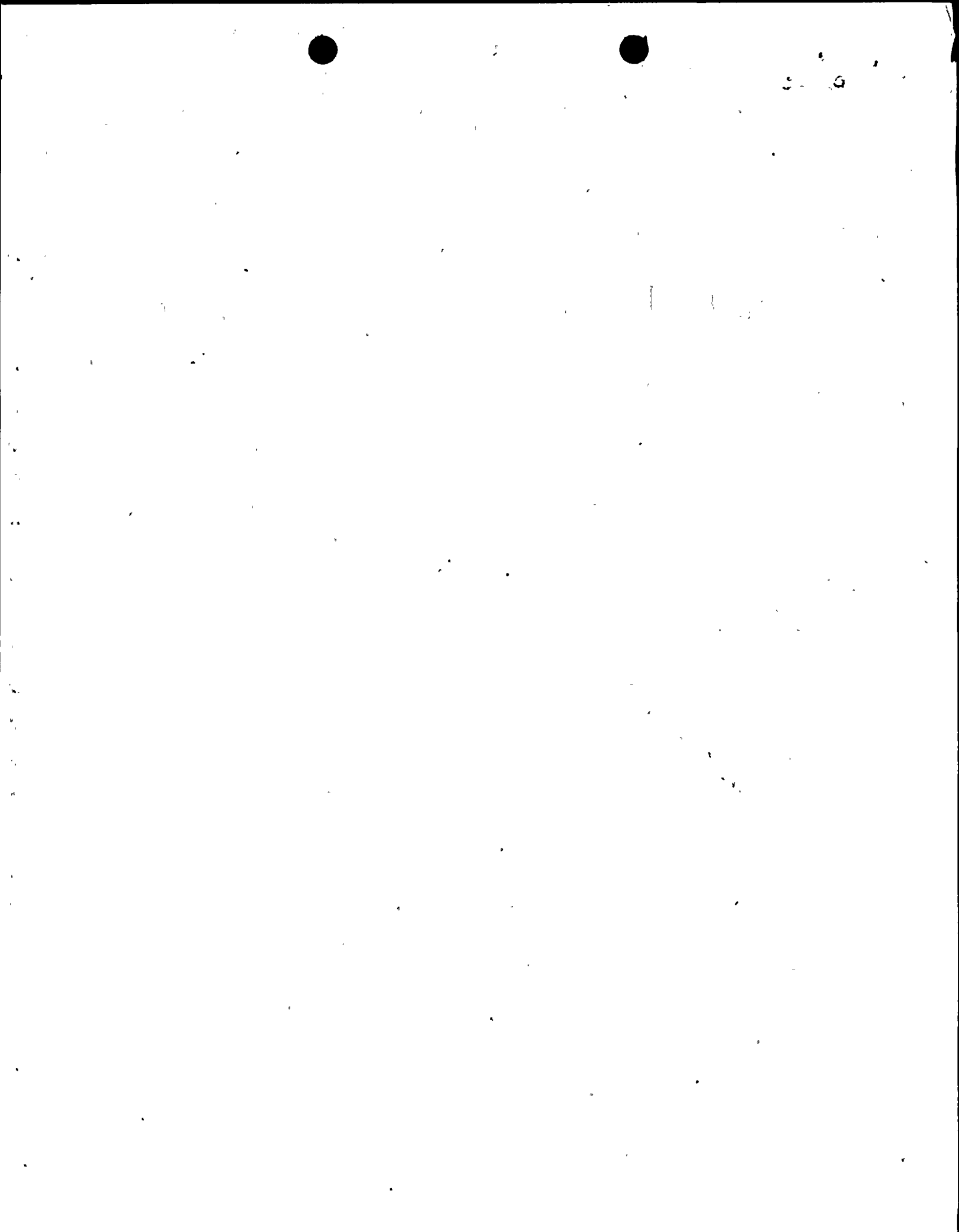
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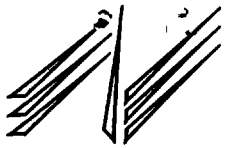
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September 17, 1997
NMP1L 1251

JOHN T. CONWAY
Vice President
Nuclear Engineering

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 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.

Very truly yours,

John T. Conway
Vice President - Nuclear Engineering

JTC/KLL/cmK
Attachment

xc: Mr. H. J. Miller, NRC Regional Administrator, Region I
 Mr. A. W. Dromerick, Acting Director, Project Directorate I-1, NRR
 Mr. B. S. Norris, Senior Resident Inspector
 Mr. D. S. Hood, Senior Project Manager, NRR
 Records Management

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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
January 1997	0.456	0.0016	
July 1997	0.456	0.0018	
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	
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	



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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
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	
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	



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NINE MILE POINT UNIT 1
TORUS WALL THICKNESS MEASUREMENTS

BAY NO. (LOC.)	MEASUREMENT INTERVAL	* AVERAGE THICKNESS (I) w/CALIBRATION	STANDARD DEVIATION
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
January 1997	0.458	0.0019	
July 1997	0.457	0.0021	

Note: All values in inches.

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

