

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8407030439    DOC. DATE: 84/06/29    NOTARIZED: YES    DOCKET #  
 FACIL: 50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Power    05000220  
 AUTH. NAME    AUTHOR AFFILIATION  
 LEMPGES, T. E.    Niagara Mohawk Power Corp.  
 RECIP. NAME    RECIPIENT AFFILIATION  
 VASSALLO, D. B.    Operating Reactors Branch 2

SUBJECT: Forwards response to Generic Ltr 84-11 re insps of BWR stainless steel piping, Submittal of previous results, associated w/IE Bulletins 82-03 & 82-02 inapplicable.

DISTRIBUTION CODE: A047S    COPIES RECEIVED: LTR 1 ENCL 1    SIZE: 4  
 TITLE: OR Submittal: Inservice Inspection/Testing

NOTES: 05000220  
 OL: 08/22/69

	RECIPIENT ID CODE/NAME		COPIES		RECIPIENT ID CODE/NAME		COPIES	
			LTR	ENCL			LTR	ENCL
	NRR ORB2 BC	01	7	7				
INTERNAL:	ELD/HDS3		1	0	NRR/DE/MEB	15	1	1
	NRR/DE/MTEB	14	1	1	NRR/DL/TAPMG		1	1
	<u>REG FILE</u>	04	1	1	RGN1		1	1
EXTERNAL:	ACRS	16	10	10	LPDR	03	1	1
	NRC PDR	02	1	1	NSIC	05	1	1
	NTIS		1	1				

RECEIVED BY: [Name] DATE: [Date]
ADDRESS: [Address]
CITY: [City] STATE: [State] ZIP: [ZIP]

FORWARDED TO: [Name]
RE: [Subject]

COPIES: [Number]
SUBMITTED BY: [Name]

0200550

0200550

TO	FROM	COPIES		REMARKS
		INITIALS	DATE	
Mr. Tolson	Mr. [Name]	1	10/15/50	Original
Mr. [Name]	Mr. [Name]	1	10/15/50	Copy
Mr. [Name]	Mr. [Name]	1	10/15/50	Copy
Mr. [Name]	Mr. [Name]	1	10/15/50	Copy
Mr. [Name]	Mr. [Name]	1	10/15/50	Copy
Mr. [Name]	Mr. [Name]	1	10/15/50	Copy
Mr. [Name]	Mr. [Name]	1	10/15/50	Copy
Mr. [Name]	Mr. [Name]	1	10/15/50	Copy
Mr. [Name]	Mr. [Name]	1	10/15/50	Copy

June 29, 1984

Director of Nuclear Reactor Regulation  
Attention: Mr. Domenic B. Vassallo, Chief  
Operating Reactors Branch No. 2  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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

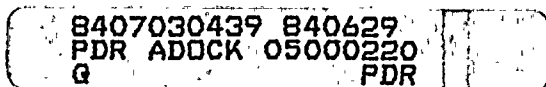
Dear Mr. Vassallo:

Attached is Niagara Mohawk's response to Generic Letter 84-11 dated April 19, 1984, regarding inspections of boiling water reactor stainless steel piping. In general, Niagara Mohawk's response follows the staff recommendations in Generic Letter 84-11. It should be noted Nine Mile Point Unit 1 was excluded from earlier Inspection and Enforcement Bulletins 82-03 and 83-02. Therefore, submittal of previous results associated with those bulletins are not applicable.

Very truly yours,

*T. E. Lempges*  
T. E. Lempges  
Vice President  
Nuclear Generation

TEL/AJP:bd  
Attachment



*Adm.  
11*



The first part of the document  
 discusses the general principles  
 of the system and its  
 objectives. It covers the  
 scope of the project and  
 the roles of the various  
 participants.

The second part of the document  
 describes the methodology used  
 in the study. It details the  
 data collection process and  
 the analysis techniques.

The third part of the document  
 presents the results of the study.  
 It includes a detailed description  
 of the findings and their  
 implications. The results are  
 compared with previous research  
 to provide context.

The fourth part of the document  
 discusses the conclusions and  
 recommendations. It summarizes  
 the key findings and provides  
 suggestions for future research.

UNITED STATES  
NUCLEAR REGULATORY COMMISSION

In the Matter of )

NIAGARA MOHAWK POWER CORPORATION )  
(Nine Mile Point Nuclear Station )  
Unit No. 1) )

Docket No. 50-220

AFFIRMATION

I, Thomas E. Lempges, Vice President, Nuclear Generation, a duly authorized officer of Niagara Mohawk Power Corporation, licensee in the captioned proceeding, certify that the information presented herein, indicates Niagara Mohawk's current plans for Nine Mile Point Unit 1 in response to Generic Letter 84-11.

NIAGARA MOHAWK POWER CORPORATION

By Thomas E. Lempges  
Thomas E. Lempges  
Vice President  
Nuclear Generation

Subscribed and sworn to before  
me on this 29<sup>th</sup> day of June, 1984

Christine Austin  
NOTARY PUBLIC

CHRISTINE AUSTIN  
Notary Public in the State of New York  
Qualified in Onondaga Co. No. 4787687  
My Commission Expires March 30, 1985

INTERNAL SECURITY  
New York  
Department of Justice  
100-100000-100000

RESPONSE TO NUCLEAR REGULATORY COMMISSION

GENERIC LETTER 84-11 DATED APRIL 19, 1984

REGARDING INSPECTIONS OF BWR STAINLESS STEEL PIPING

In response to Generic Letter 84-11, Niagara Mohawk currently plans to do the following\*:

1. Piping susceptible to intergranular stress corrosion cracking will be inspected (as indicated below in item 2) once each refueling cycle commencing with Niagara Mohawk's next scheduled refueling outage.
2. Stainless steel welds susceptible to intergranular stress corrosion cracking will be inspected in piping equal or greater than four inches in diameter, in systems operating over 200°F, that are part of or connected to the reactor coolant pressure boundary, out to the second isolation valve as follows.
  - a. Inspection of 20 percent of the welds in each pipe size of intergranular stress corrosion cracking sensitive welds not inspected previously (but no less than four welds) and reinspection of 20 percent of the welds in each pipe size inspected previously (but not less than two welds) and found not to be cracked. This sample will be selected primarily from weld locations shown by experience to have the highest propensity for cracking.
  - b. Unrepaired cracked welds.
  - c. Inspection of weld overlays on welds where circumferential cracks longer than ten percent of circumference will be measured. Disposition of any findings will be reviewed on a case-by-case basis.
  - d. Inspection of any weld treated by induction heating stress improvement which has not had post treatment ultrasonic test acceptance.
  - e. In the event new cracks or significant growth of old cracks are found, inspection scope shall be expanded in accordance with Inspection and Enforcement Bulletin 83-02.
3. Inspections shall be performed in accordance with the Nine Mile Point Unit 1 Technical Specifications. Inspections shall be performed by individuals qualified to A) the ASME Boiler and Pressure Vessel Code, Section XI and B) the (40-hr) Ultrasonic Testing Operator Training Course for intergranular stress corrosion cracking developed by the Electric Power Research Institute and the Nondestructive Examination Center, or an equivalent Nuclear Regulatory Commission approved course.

1. The purpose of this document is to provide a comprehensive overview of the current status of the project and to identify the key areas that require attention.

2. BACKGROUND INFORMATION

The project was initiated in 1995 and has since then undergone several phases of development. The primary objective is to develop a system that can handle large volumes of data and provide real-time analysis.

During the initial phase, a detailed requirements analysis was conducted. This led to the identification of several key functional areas, including data collection, processing, and reporting. The system architecture was designed to be modular and scalable.

The development phase has been completed, and the system is now in the testing phase. Initial tests have shown promising results, with the system able to process data at a rate of up to 1000 records per second. However, there are still several areas that require further testing and refinement.

3. CURRENT STATUS

The system is currently in the final testing phase. The testing team has identified several critical bugs that need to be resolved before the system can be deployed. The development team is working on these issues and expects to have them resolved within the next few weeks.

Once the testing is complete, the system will be deployed to the production environment. This will allow us to monitor the system's performance in a real-world setting and make any necessary adjustments.

The project team is committed to ensuring that the system is delivered on time and meets all the requirements. We will continue to provide regular updates on the project's progress.

4. CONCLUSION

The project has made significant progress since its inception. The system is now in a state where it can be deployed and used. However, there are still several areas that require attention, and the project team is working to resolve these issues as quickly as possible.



4. Leak detection and leakage limits will be addressed separately in a Technical Specifications amendment as requested by your letter of June 6, 1984.
5. Crack evaluation and repairs will meet the intent of Attachment 2 to Generic Letter 84-11.

\* This program applies to service sensitive materials. However, material which has been demonstrated to be corrosion-resistant material as discussed in NUREG 0313 - Rev. 1 and which has been installed at Nine Mile Point Unit 1, will not be subject to this type of inspection program.

