

NMP1L3531
May 12, 2023

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Nine Mile Point Nuclear Station, Unit 1
Renewed Facility Operating License No. DPR-63
Docket No. 50-220

Subject: NMP1 Licensee Event Report 2023-001, Revision 0, Indication on the N2E
Dissimilar Metal Weld Exceeding ASME Acceptance Criteria

In accordance with the reporting requirements contained in 10 CFR 50.73(a)(2)(ii)(A), please find enclosed NMP1 Licensee Event Report (LER) 2023-001, Revision 0, Indication on the N2E Dissimilar Metal Weld Exceeding ASME Acceptance Criteria.

There are no regulatory commitments contained in this letter.

Should you have any questions regarding the information in this submittal, please contact Brandon Shultz, Site Regulatory Assurance Manager, at (315) 349-7012.

Respectfully,



Alexander D. Sterio
Plant Manager, Nine Mile Point Nuclear Station

ADS/MLR

Enclosure: NMP1 Licensee Event Report 2023-001, Revision 0, Indication on the N2E
Dissimilar Metal Weld Exceeding ASME Acceptance Criteria

cc: NRC Regional Administrator, Region I
NRC Resident Inspector
NRC Project Manager

Enclosure

NMP1 Licensee Event Report 2023-001, Revision 0
Indication on the N2E Dissimilar Metal Weld Exceeding ASME Acceptance Criteria
Nine Mile Point Nuclear Station, Unit 1

Renewed Facility Operating License No. DPR-63



LICENSEE EVENT REPORT (LER)

(See Page 2 for required number of digits/characters for each block)
(See NUREG-1022, R.3 for instruction and guidance for completing this form
<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1022/r3/>)

Estimated burden per response to comply with this mandatory collection request: 80 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the FOIA, Library, and Information Collections Branch (T-6 A10M), U. S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to Infocollections.Resource@nrc.gov, and the OMB reviewer at: OMB Office of Information and Regulatory Affairs, (3150-0104), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503; email: omb_submission@omb.eop.gov. The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.

1. Facility Name Nine Mile Point Unit 1	<input checked="" type="checkbox"/> 050	2. Docket Number 50-220	3. Page 1 OF 3
	<input type="checkbox"/> 052		

4. Title
Indication on the N2E Dissimilar Metal Weld Exceeding ASME Acceptance Criteria

5. Event Date			6. LER Number			7. Report Date			8. Other Facilities Involved		
Month	Day	Year	Year	Sequential Number	Revision No.	Month	Day	Year	Facility Name	<input type="checkbox"/> 050	Docket Number
03	18	2023	2023	- 001 -	00	05	12	2023	Facility Name	<input type="checkbox"/> 052	Docket Number

9. Operating Mode
Mode 5, Refueling

10. Power Level
0%

11. This Report is Submitted Pursuant to the Requirements of 10 CFR §: (Check all that apply)

<input type="checkbox"/> 10 CFR Part 20	<input type="checkbox"/> 20.2203(a)(2)(vi)	<input checked="" type="checkbox"/> 10 CFR Part 50	<input checked="" type="checkbox"/> 50.73(a)(2)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)	<input type="checkbox"/> 73.1200(a)
<input type="checkbox"/> 20.2201(b)	<input type="checkbox"/> 20.2203(a)(3)(i)	<input type="checkbox"/> 50.36(c)(1)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(ii)(B)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)	<input type="checkbox"/> 73.1200(b)
<input type="checkbox"/> 20.2201(d)	<input type="checkbox"/> 20.2203(a)(3)(ii)	<input type="checkbox"/> 50.36(c)(1)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)(A)	<input type="checkbox"/> 73.1200(c)
<input type="checkbox"/> 20.2203(a)(1)	<input type="checkbox"/> 20.2203(a)(4)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(iv)(A)	<input type="checkbox"/> 50.73(a)(2)(x)	<input type="checkbox"/> 73.1200(d)
<input type="checkbox"/> 20.2203(a)(2)(i)	<input checked="" type="checkbox"/> 10 CFR Part 21	<input type="checkbox"/> 50.46(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(v)(A)	<input checked="" type="checkbox"/> 10 CFR Part 73	<input type="checkbox"/> 73.1200(e)
<input type="checkbox"/> 20.2203(a)(2)(ii)	<input type="checkbox"/> 21.2(c)	<input type="checkbox"/> 50.69(g)	<input type="checkbox"/> 50.73(a)(2)(v)(B)	<input type="checkbox"/> 73.77(a)(1)	<input type="checkbox"/> 73.1200(f)
<input type="checkbox"/> 20.2203(a)(2)(iii)		<input type="checkbox"/> 50.73(a)(2)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(v)(C)	<input type="checkbox"/> 73.77(a)(2)(i)	<input type="checkbox"/> 73.1200(g)
<input type="checkbox"/> 20.2203(a)(2)(iv)		<input type="checkbox"/> 50.73(a)(2)(i)(B)	<input type="checkbox"/> 50.73(a)(2)(v)(D)	<input type="checkbox"/> 73.77(a)(2)(ii)	<input type="checkbox"/> 73.1200(h)
<input type="checkbox"/> 20.2203(a)(2)(v)		<input type="checkbox"/> 50.73(a)(2)(i)(C)	<input type="checkbox"/> 50.73(a)(2)(vii)		

OTHER (Specify here, in abstract, or NRC 366A).

12. Licensee Contact for this LER

Licensee Contact Brandon Shultz, Site Regulatory Assurance Manager	Phone Number (Include area code) (315) 349-7012
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13. Complete One Line for each Component Failure Described in this Report

Cause	System	Component	Manufacturer	Reportable to IRIS	Cause	System	Component	Manufacturer	Reportable to IRIS

14. Supplemental Report Expected

<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes (If yes, complete 15. Expected Submission Date)	15. Expected Submission Date	Month 8	Day 25	Year 2023
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16. Abstract (Limit to 1326 spaces, i.e., approximately 13 single-spaced typewritten lines)

On 3/18/2023 at 1410 EDT, with Nine Mile Point Nuclear Station Unit 1 in a planned refueling outage, the Main Control Room was notified of the results of an automated examination of a Dissimilar Metal Weld on Reactor Penetration N2E. The results indicated a defect which could not be found acceptable under ASME Section XI, IWB-3600.

An 8-hour non-emergency report (EN 56421) was made based upon requirements of 10CFR50.72(b)(3)(ii)(A).

A repair plan for weld overlay was implemented and completed prior to the end of the refueling outage. A Corrective Action Program evaluation (CAPE) is in progress and a Supplemental Report is planned for August 25, 2023.

The event described in this LER is documented in the plant's Corrective Action Program (CAP) as IR 04563178.



**LICENSEE EVENT REPORT (LER)
CONTINUATION SHEET**

Estimated burden per response to comply with this mandatory collection request: 80 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the FOIA, Library, and Information Collections Branch (T-6 A10M), U. S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to Infocollects.Resource@nrc.gov, and the OMB reviewer at: OMB Office of Information and Regulatory Affairs, (3150-0104), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503; email: oira_submission@omb.eop.gov. The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.

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1. FACILITY NAME Nine Mile Point Unit 1	<input checked="" type="checkbox"/> 050	2. DOCKET NUMBER 50-220	3. LER NUMBER		
	<input type="checkbox"/> 052		YEAR	SEQUENTIAL NUMBER	REV NO.
			2023	- 001	- 00

NARRATIVE

THE ENERGY INDUSTRY IDENTIFICATION SYSTEM (EIS) COMPONENT FUNCTION IDENTIFIED AND SYSTEM NAME OF EACH COMPONENT OR SYSTEM REFERRED TO IN THIS LER ARE ENCLOSED WITHIN [BRACKETS]

I. DESCRIPTION OF EVENT

A. PRE-EVENT PLANT CONDITIONS:

Prior to the event, NMP1 was in Mode 5 (Refueling).

B. EVENT:

On 3/18/2023 at 1410 EDT, with Nine Mile Point Nuclear Station Unit 1 in a planned refueling outage, the Main Control Room was notified of the results of an automated examination of a Dissimilar Metal Weld on Reactor Penetration N2E [AD]. The results indicated a defect which could not be found acceptable under ASME Section XI, IWB-3600.

An 8-hour non-emergency report (EN 56421) was made based upon requirements of 10CFR50.72(b)(3)(ii)(A).

A repair plan for weld overlay was implemented and completed prior to the end of the refueling outage. A Corrective Action Program evaluation (CAPE) is in progress and a Supplemental Report is planned for August 25, 2023.

The event described in this LER is documented in the plant's Corrective Action Program (CAP) as IR 04563178.

C. INOPERABLE SYSTEMS, STRUCTURES, OR COMPONENTS THAT CONTRIBUTED TO THE EVENT:

None. Any non-safety related equipment that contributed to the event will be provided in the supplement.

D. DATES AND APPROXIMATE TIMES OF MAJOR OCCURENCES AND OPERATOR ACTIONS:

None. Additional dates and times of major occurrences and operator actions may be provided in the supplement when the evaluation is complete.

E. METHOD OF DISCOVERY:

This event was self-revealing via non-destructive examination during the refueling outage.

F. SAFETY SYSTEM RESPONSES:

All safety systems responded per design.

II. CAUSE OF THE EVENT

The cause of this event is being evaluated and will be provided in the supplement to this LER.



**LICENSEE EVENT REPORT (LER)
CONTINUATION SHEET**

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			2023	- 001	- 00

NARRATIVE

III. ANALYSIS OF THE EVENT

The flaw identified in reactor penetration N2E did not have any impact to the health or safety of the public.
The analysis will be provided in the supplement.

IV. CORRECTIVE ACTIONS

A. ACTION TAKEN TO RETURN AFFECTED SYSTEMS TO PRE-EVENT NORMAL STATUS:

The station completed a weld overlay repair of the N2E penetration.

B. ACTION TAKEN OR PLANNED TO PREVENT OCCURRENCE:

This information will be provided in the supplement when the evaluation is completed.

V. ADDITIONAL INFORMATION

A. FAILED COMPONENTS:

None

B. PREVIOUS LERs on SIMILAR EVENTS:

None