

**Constellation
Energy Group**

**Nine Mile Point
Nuclear Station**

July 23, 2003
NMP1L 1748

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

**SUBJECT: Nine Mile Point Unit 1
 Docket No. 50-220
 Facility Operating License No. DPR-63**

Submittal of Inservice Inspection Owners Activity Reports

Gentlemen:

Enclosures 1 through 7 contain inservice inspection owners activity reports for Nine Mile Point Unit 1 (NMP1). Some explanation relating to these reports is provided below.

In accordance with the requirements of the American Society of Mechanical Engineers (ASME), Boiler and Pressure Vessel Code, Section XI (1989 Edition with no Addenda, 1992 Edition with 1992 Addenda, and 1998 Edition with no Addenda), Nine Mile Point Nuclear Station, LLC (NMPNS) conducted nondestructive examination of selected components on Nine Mile Point Unit 1 (NMP1) during the first period of the third 10-year inservice inspection (ISI) interval, which began on December 26, 1999 and was originally scheduled to end on December 25, 2002.

Due to excessively high radiation levels experienced in the drywell during refueling outage sixteen (RFO16), the end date of the first inspection period was extended from December 25, 2002 to April 23, 2003, approximately four (4) months, in order for NMPNS to complete the first inspection period examinations. The extension of inspection periods is allowed by ASME Code, Section XI, and will not alter the NMP1 third ten-year ISI interval starting and ending dates of December 26, 1999, and December 25, 2009, respectively, for inservice examinations and containment inspections.

The first inservice inspection period originally consisted only of RFO16, which occurred in Spring 2001. Due to the extension of the first inspection period, refueling outage seventeen (RFO17), which occurred in Spring 2003, has also been included in the first inspection period. In the case of the first containment inspection period, which also originally consisted only of RFO16, refueling outage fifteen (RFO15), which occurred in Spring 1999, has also been included in the first inspection period.

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By letter dated August 17, 2000, the NRC approved Relief Request RR-IWE/IWL-1 for NMP1 allowing containment inspections to be performed per the 1998 ASME Code Edition with no Addenda in lieu of the 1992 ASME Code Edition with 1992 Addenda. Therefore, while the 1992 Code Edition with 1992 Addenda was used for the RFO15 containment inspections, the 1998 Code Edition with no Addenda was used for the RFO16 and RFO17 containment inspections.

By letter dated October 5, 2000, the NRC approved relief request RR-ISI-8 to utilize ASME Code Case N-532 as an alternative to the requirements of IWA-6210(c) and (d), IWA-6220, IWA-6230(b), (c), and (d), and IWA-6240(b) for preparation and submittal of inservice inspection summary reports. In accordance with requirements of ASME Code Case N-532, an Owners Activity Report Form (OAR-1) and applicable Tables were prepared and certified upon completion of RFO16. For those examination items that were re-scheduled to RFO17 as part of the first inspection period extension, additional OAR-1 forms were prepared and certified upon completion of the outage.

Revision 13 to Regulatory Guide (RG) 1.147 is due to become effective on August 7, 2003. This revision approves Code Case N-532-1 with a condition that the Owners Activity Reports be submitted to the NRC within 90 days of the completion of the refueling outage. As a condition to the NRC approval of relief request RR-ISI-8, NMPNS should follow all provisions of Code Case N-532-1 with limitations (if any) specified by 10CFR50.55a. As a result of Revision 13 to RG 1.147, NMPNS is also including OAR-1 forms for RFO17, second inspection period reports (see Enclosures 6 and 7).

With the exception of the examinations allowed to be deferred until the end of the inspection interval by ASME Code, Section XI, or those examinations deferred based on NRC approved relief requests, the percentage requirements for the NMP1 first inspection period have been satisfied, and this constitutes a close-out of the first inservice inspection period.

Very truly yours,


Bruce S. Montgomery
Manager Engineering Services

BSM/AA/bjh
Enclosures 1 through 7

cc: Mr. H. J. Miller, NRC Regional Administrator, Region I
Mr. G. K. Hunegs, NRC Senior Resident Inspector
Mr. P. S. Tam, Senior Project Manager, NRR (2 copies)



**Niagara Mohawk Power Corporation
300 Erie Boulevard West
Syracuse, New York 13252**

ENCLOSURE 1

**THIRD INSERVICE INSPECTION INTERVAL
FIRST INSERVICE INSPECTION PERIOD
2001 OWNER'S ACTIVITY REPORT
FOR
INSERVICE EXAMINATIONS**

Prepared For

**Nine Mile Point Nuclear Power Station
P.O. Box 63
Lycoming, New York 13093**

Commercial Service Date:	December 26, 1969
NRC Docket Number:	50-220
Document Number:	NMP1-ISI-OAR-003-01
Revision Number: 0	Date: July 17, 2001



Nine Mile Point Nuclear Power Station Unit 1

NMP1-ISI-OAR-003-01

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RECORD OF REVISION			
REVISION No.	DATE	AFFECTED PAGES	REASON FOR REVISION
0	July 17, 2001	Entire Document	Initial issue of Owner's Activity Report for ASME Section XI Inservice Examinations in accordance with the requirements of ASME Code Case N-532 in lieu of IWA-6000 as granted by USNRC Safety Evaluation, dated October 5, 2000, Request for Relief ISI-8.

	Nine Mile Point Nuclear Power Station Unit 1	NMP1-ISI-OAR-003-01
	THIRD INSERVICE INSPECTION INTERVAL 2001 OWNERS' ACTIVITY REPORT FOR INSERVICE EXAMINATIONS	Rev. 0 Date: July 17, 2001 Page i-4 of i-12

ABSTRACT

This Owner's Activity Report summarizes the results of the Nine Mile Point Nuclear Power Station, Unit 1, ASME Section XI Inservice Examinations performed during the First Refueling Outage (RFO-16) of the First Inservice Inspection Period that started on 26 December 1999 and is scheduled to end on 25 December 2002.


As an alternate to the requirements of the American Society of Mechanical Engineers (ASME), Boiler and Pressure vessel Code (B&PVC), Section XI, Article IWA-6000, NMPC submitted Request for Relief ISI-8 on October 30, 1999, under Letter NMP1L 1480, to implement ASME Code Case N-532, "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission as Required by IWA-4000 and IWA-6000, Section XI, Division 1". USNRC Safety Evaluation dated October 5, 2000, under TAC No. MA7129 authorized use of this alternative.

An Owner's Activity Report Form OAR-1, was prepared and certified upon completion of the 2001 refueling outage (RFO-16) Examination activity.

Note: Pursuant to 10 CFR 50.55a(a)(3)(i) ASME Code Case N-532 is authorized for the Third Ten-Year Inservice Inspection Interval, or until ASME Code Case N-532 is approved for general use by reference in 10 CFR 50.55a (previously Regulatory Guide 1.147). After that time, NMPC must follow the conditions, if any, specified in the regulation.

In addition to the Owner's Activity Report, Form OAR-1, the following Tables are also included:

- a. **Abstract of Examinations and Tests**, Table 1, provides such information as ASME Code Examination Category, Total Examinations Required for the Inspection Interval, Total Examinations Required for this Period, Total Examinations Credited (%) for this Period, Total Examinations Credited (%) to Date for the Interval, and any remarks that may be applicable.
- b. **Items with Flaws or Relevant Conditions that Require Evaluation for Continued Service**, Table 2, provides a listing of item(s) with flaws or relevant conditions that required evaluation to determine acceptability for continued service, whether or not the flaw or relevant condition was discovered during a scheduled examination or test, and provides such information as Examination Category, Examination Item Number, Item Description, Flaw Characterization (as required by IWA-3300), and whether the flaw or relevant condition was found during a scheduled Section XI examination or test.
- c. **Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service**, Table 3, identifies those items containing flaws or relevant conditions that exceeded the ASME Section XI acceptance criteria (IWX-3000) or in the case of supports IWF-3000 acceptance criteria; even though the discovery of the flaw or relevant condition that necessitated the repair, replacement or corrective measure, may not have resulted from an examination or test required by Section XI, and provides such information as Code Class, whether the item is a repair, replacement or corrective action, item description, description of work, if the flaw or relevant condition was found during a scheduled Section XI Examination or test, date completed and the repair replacement plan number.

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Form OAR-1 and the applicable Tables were prepared following the completion of the First Refueling Outage (RFO-16) which started on March 18, 2001 and ended on May 18, 2001. The Nine Mile Point Unit 1 (NMP1) First Inservice Inspection Period which started on December 26, 1999 and was scheduled to end on December 25, 2002 is being extended to April 23, 2003, approximately three (3) months and twenty-three (23) days, in order to complete the examination category percentages required by IWB-2412-1.

In accordance with ASME Section XI, IWB-2412 (a), with the exception of the examinations that may be deferred until the end of the inspection interval as specified in Table IWB-2500-1, the required examinations in each examination category shall be completed during each successive inspection interval in accordance with Table IWB-2412-1, and per IWB-2412 (b) the inspection period specified in (a) above may be decreased or extended by as much as 1 year to enable an inspection to coincide with a plant outage, within the limitations of IWA-2430(d).

The following examination categories are being extended primarily due to a crud burst at the start of the refueling outage that resulted in an excessively high radiation level in the drywell. The ASME Section XI Examination Categories being re-scheduled to refueling outage seventeen (RFO-17), the next scheduled refueling outage are as follows:

1. Examination Category B-D;
2. Examination Category B-K;
3. Examination Category B-N-1;
4. Examination Categories B-F, B-J, C-F-1 and C-F-2 are not being rescheduled because the USNRC authorized NMPC Request for Relief ISI-13, which replaces these examinations with a Risk-Informed ISI Program.
5. Examination Category C-G states that deferral of examinations are authorized by NMPC Request for Relief ISI-7, therefore, Inspection Program "B" percentages are not required.

Note: The above rescheduled items will be separated from the examinations required for the Second Inservice Examination Period, starting on December 26, 2002 in refueling outage seventeen (RFO-17) in order to avoid dual credit.

Although specifically not addressed in the ASME Code Case, NMPC approximate submittal date will be ninety (90) days following the end of each specific inspection period. This Owner's Activity Report will be submitted as defined in the Table below following completion of RFO-17.

Owner's Activity Report Submittals				
Inspection Periods	Inspection Period End Dates	Refueling Outage	Outage Year	Approximate Submittal Date
1 ST . period	December 25, 2002	RFO-16	2001	Extended
1 ST . Period Extension	April 23, 2003	RFO-17	2003	July 23, 2003



Nine Mile Point Nuclear Power Station Unit 1

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FORM OAR-1
OWNER'S ACTIVITY REPORT

As required by the provisions of the ASME Code Case N-532

Report Number NMP1-ISI-OAR-003-01Owner Niagara Mohawk Power Corporation, 300 Erie Boulevard West, Syracuse, New York 13252
(Name and Address of Owner)Plant Nine Mile Point Nuclear Power Station, P. O. Box 63, Lycoming, New York 13093
(Name and Address of Plant)Plant Unit 1 Commercial Service Date December 26, 1969 Refueling Outage Number RFO-16Current Inspection Interval Third Inservice Inspection Interval - December 26, 1999 to December 25, 2009
(1st, 2nd, 3rd, 4th, Other)Current Inspection Period First Inservice Inspection Period - December 26, 1999 to December 25, 2002
(1st, 2nd, 3rd)Edition and Addenda of Section XI applicable to the Inspection Plan 1989 Edition, No AddendaDate and Revision of Inspection Plan NMP1-PT-003, Revision 1, Dated March 1, 2001Edition and Addenda of ASME Section XI applicable to Repairs and Replacements, if different than the Inspection Plan N/A

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. N/A (If applicable) Expiration Date N/A

Signed

Date

7/25/01

(Supervisor - ASME Section XI Programs Group)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New York and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the items described in this Owner's Activity Report, during the period March 18, 2001 to May 18, 2001, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature

Commissions NB 8496

National Board, State, Province, and Endorsements

Date

7/26 2001



Nine Mile Point Nuclear Power Station Unit 1

NMP1-ISI-OAR-003-01

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FORM OAR-1
OWNER'S ACTIVITY REPORT

As required by the provisions of the ASME Code Case N-532

Report Number NMP1-ISI-OAR-003-01

Owner Niagara Mohawk Power Corporation, 300 Erie Boulevard West, Syracuse, New York 13252
(Name and Address of Owner)

Plant Nine Mile Point Nuclear Power Station, P. O. Box 63, Lycoming, New York 13093
(Name and Address of Plant)

Plant Unit 1 Commercial Service Date December 26, 1969 Refueling Outage Number RFO-16

Current Inspection Interval Third Inservice Inspection Interval - December 26, 1999 to December 25, 2009
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period First Inservice Inspection Period - December 26, 1999 to December 25, 2002
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plan 1989 Edition, No Addenda

Date and Revision of Inspection Plan NMP1-ISI-003-10, Revision 1, Dated March 13, 2001

Edition and Addenda of ASME Section XI applicable to Repairs and Replacements, if different than the Inspection Plan N/A

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. N/A (If applicable) Expiration Date N/ASigned Glen R Perkins Date 7/25/01
(Supervisor - ASME Section XI Programs Group)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New York and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the items described in this Owner's Activity Report, during the period March 18, 2001 to May 18, 2001, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Glen W. Carlson Commissions NB 8496
National Board, State, Province, and EndorsementsDate 7/26 2001

THIRD INSERVICE INSPECTION INTERVAL
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TABLE 1
ABSTRACT OF EXAMINATION AND TESTS
As required by the provisions of the ASME Code Case N-532

CODE EXAMINATION CATEGORY	TOTAL EXAMINATIONS REQUIRED FOR INTERVAL	*TOTAL EXAMINATIONS REQUIRED FOR THIS PERIOD	TOTAL EXAMINATIONS CREDITED (%) FOR THE PERIOD	TOTAL EXAMINATIONS CREDITED (%) TO DATE FOR THE INTERVAL	REMARKS
B-A	42	8	8 - 100%	19.0%	Deferral Permissible, Insp. Prog. "B" Compliance
B-D	80	23	11 - 47.8%	13.7%	Deferral Permissible, Category Extended
B-E	2	0	0 - 0%	0%	Deferral Permissible
B-F	38	12	0 - 0%	0%	Deferred Per RR-ISI-13
B-G-1	403	143	143 - 100%	35.4%	Insp. Prog. "B" Compliance
B-G-2	77	35	26 - 74.2%	33.7%	Insp. Prog. "B" Compliance
B-J	148	48	0 - 0%	0%	Deferred Per RR-ISI-13
B-K	28	6	0 - 0%	0%	Category Extended
B-L-2	1	0	0 - 0%	0%	Deferral Permissible
B-M-1	1	0	0 - 0%	0%	Deferral Permissible
B-M-2	18	8	4 - 50%	22.2%	Deferral Permissible, Insp. Prog. "B" Compliance
B-N-1	24	8	5 - 62.5%	20.8%	Category Extended
B-N-2	35	5	5 - 100%	14.2%	Deferral Permissible
B-O	8	2	0 - 0%	0%	Deferral Permissible
B-P	N/A	N/A	97 - N/A	N/A	Excluded from Insp. Prog. "B"
C-A	4	1	1 - 100%	25%	Insp. Prog. "B" Compliance
C-B	4	1	1 - 100%	25%	Insp. Prog. "B" Compliance
C-C	93	26	26 - 100%	27.9%	Insp. Prog. "B" Compliance
C-F-1	28	10	0 - 0%	0%	Deferred Per RR-ISI-13
C-F-2	50	18	0 - 0%	0%	Deferred Per RR-ISI-13
C-G	19	11	1 - 1%	0%	Deferred Per RR-ISI-7
C-H	N/A	N/A	3 - N/A	N/A	Excluded from Insp. Prog. "B"
D-A	56	18	18 - 100%	32.1%	Insp. Prog. "B" Compliance
E-A	184	61	48 - 78.6%	26%	Insp. Prog. "B" Compliance



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TABLE 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRE EVALUATION FOR CONTINUED SERVICE
As required by the provisions of the ASME Code Case N-532

EXAMINATION CATEGORY	ITEM NUMBER	ITEM DESCRIPTION	FLAW CHARACTERIZATION (IWA-3300)	FLAW OR RELEVANT CONDITION FOUND DURING SCHEDULED SECTION XI EXAMINATION OR TEST (YES OR NO)
TS	TS.01	01-HS-07 Hydraulic Snubber	Leaking Reservoir	No
F-A	F1.20	39-H22 Variable Spring Pipe Support	Loose Pipe Clamp Bolt	Yes
B-J	B9.11	32-WD-046 Safe-End to Elbow	Surface Planar Indication	Yes (1)
B-J	B9.11	32-WD-050 Valve-to-Pipe	Surface Planar Indication	Yes (1)
B-J	B9.11	32-WD-086 Safe-End to Elbow	Surface Planar Indication	Yes (1)
B-J	B9.11	32-WD-126 Safe-End to Elbow	Surface Planar Indications	Yes (1)
B-J	B9.11	32-WD-168 Safe-End to Elbow	Surface Planar Indications	Yes (1)
B-P	B15.10	CRD-N1-B (CRD 26-47)	Bolted Flange Connection Leak	Yes
B-P	B15.10	CRD-U5-B (CRD 18-03)	Bolted Flange Connection Leak	Yes
B-P	B15.10	CRD-U8-B (CRD 18-51)	Bolted Flange Connection Leak	Yes
B-P	B15.10	CRD-N9-B (CRD10-15)	Bolted Flange Connection Leak	Yes
B-P	B15.10	CRD-E3-B (CRD 18-19)	Bolted Flange Connection Leak	Yes
B-P	B15.10	CRD-L1-B (CRD 38-39)	Bolted Flange Connection Leak	Yes
B-P	B15.10	CRD-N4-B (CRD 46-27)	Bolted Flange Connection Leak	Yes
B-P	B15.70	32-213	Bolted Flange Connection Leak	Yes
B-P	B15.70	HCU 14-07 Valve 126	Bolted Flange Connection Leak	Yes
B-N-2	B13.30	Shroud Support Weld H9	Circumferential Cracking	No (2)
B-N-2	B13.40	Core Spray Sparger Nozzle 2A	Cracking	No (2)
B-N-2	B13.40	Steam Dryer	Cracking	No (2)
Note: (1) All B-J, B9.11 welds identified above are also classified as IGSCC Category F welds, and have been previously reported and accepted per Analytical Evaluation. These are re-examinations. (2) All B-N-2 items identified above were identified under the BWRVIP (IVVI) Augmented Examination.				

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TABLE 3
ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES REQUIRED FOR CONTINUED SERVICE
As required by the provisions of the ASME Code Case N-532

CODE CLASS	REPAIR REPLACEMENT OR CORRECTIVE MEASURE	ITEM DESCRIPTION	DESCRIPTION OF WORK	FLAW OR RELEVANT CONDITION FOUND DURING SCHEDULED SECTION XI EXAMINATION OR TEST (YES OR NO)	DATE COMPLETE	REPAIR REPLACEMENT PLAN NUMBER
1	Replacement	DRV-44-1015 CRD-N9-B	Replaced CRD and (8) Cap Screws	YES	06/27/01	WO 98-06012-00
1	Replacement	CKV-40-03	Replaced center section of valve	NO	06/29/01	WO 98-07495-00
1	Replacement	DRV-44-3835 CRD-H2-B	Replaced CRD and (8) Cap Screws	NO	06/27/01	WO 99-03060-00
1	Replacement	DRV-44-2647 CRD-N1-B	Replaced CRD and (8) Cap Screws	YES	06/27/01	WO 99-04722-00
1	Replacement	DRV-44-1039 CRD-N11-B	Replaced CRD and (8) Cap Screws	NO	06/27/01	WO 99-05299-00
1	Replacement	CKV-31-01R	Replaced (18) washers and (2) studs	NO	06/29/01	WO 99-06248-00
1	Replacement	DRV-44-3019 CRD-D4-B	Replaced (8) Cap Screws	NO	06/27/01	WO 99-07806-00
1	Replacement / Repair	IV-33-02R 33-WD-004BR1 33-WD-04DR1	Installed new valve, Replaced studs and nuts, Repaired manufacturing lap/seam and installed new welds ASME CC N-416-1	NO	07/03/01	WO 99-08279-01
1	Replacement	33-H3	Installed larger hanger	NO	07/03/01	WO 99-08279-22
1	Replacement	DRV-44-4615 CRD-R3-B	Replaced CRD and (8) Cap Screws	NO	06/27/01	WO 99-08292-00
1	Replacement	PSV-01-119A PSV-01-119B PSV-01-119C PSV-01-119D PSV-01-119F PSV-01-119G PSV-01-119H PSV-01-119J PSV-01-119M	Replaced (9) Safety Relief Valves	NO	06/29/01	WO 00-02429-00
1	Replacement	CKV-39-04	Replaced (2) studs and nuts and lapped valve	NO	06/29/01	WO 00-02695-04
2	Replacement	39-HS-28	Replaced pipe clamp bolts and nuts	NO	06/29/01	WO 00-02065-05
1	Replacement	DRV-44-1023 CRD-K6-B	Replaced CRD and (8) Cap Screws	NO	06/27/01	WO 00-05597-02
1	Replacement	DRV-44-3007 CRD-O4-B	Replaced CRD and (8) Cap Screws	NO	06/27/01	WO 00-08349-00
1	Replacement	DRV-44-1843 CRD-M8-B	Replaced CRD and (8) Cap Screws	NO	06/27/01	WO 00-08355-00



Nine Mile Point Nuclear Power Station Unit 1

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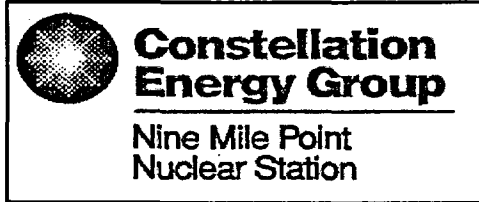
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**End of Inservice Inspection
Owner's Activity Report
For
Refueling Outage Sixteen (RFO-16)**



**Nine Mile Point Nuclear Station, LLC
P.O. Box 63 Lake Road
Lycoming, New York 13093**

ENCLOSURE 2

**THIRD INSERVICE INSPECTION INTERVAL
FIRST INSERVICE INSPECTION PERIOD
2003 OWNER'S ACTIVITY REPORT
FOR
INSERVICE EXAMINATIONS**

Prepared For

**Nine Mile Point Nuclear Station
P.O. Box 63
Lycoming, New York 13093**

Commercial Service Date:	December 26, 1969
NRC Docket Number:	50-220
Document Number:	NMP1-ISI-OAR-003-01-A
Revision Number:	00
	Date: April 23, 2003


 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station Unit 1	NMP1-ISI-OAR-003-01-A
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Date: April 23, 2003

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RECORD OF REVISION			
REVISION No.	DATE	AFFECTED PAGES	REASON FOR REVISION
00	April 23, 2003	Entire Document	Issuance of Owner's Activity Report for ASME Section XI Inservice Examinations as required by ASME Code Case N-532 and incorporates the Inservice Examinations performed during RFO-17 required to close-out the 1 ST . Inservice Inspection Period as a result of the crud burst during RFO-16 that required an extension of the inspection period.

 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station Unit 1	NMP1-ISI-OAR-003-01-A
	THIRD INSERVICE INSPECTION INTERVAL 2003 OWNERS' ACTIVITY REPORT FOR INSERVICE EXAMINATIONS	Rev. 00 Date: April 23, 2003 Page i - 4 of i - 10

ABSTRACT

This Owner's Activity Report summarizes the results of the Nine Mile Point Nuclear Station (NMPNS), Unit 1, ASME Section XI Inservice Examinations that were re-scheduled to refueling outage seventeen (RFO-17) as a result of a crud burst that resulted in excessively high radiation levels in the drywell. The First Inservice Inspection Period started on 26 December 1999 and was originally scheduled to end on 25 December 2002. Due to the crud burst, the First Inspection Period was extended to April 23, 2003.


As an alternate to the requirements of the American Society of Mechanical Engineers (ASME), Boiler and Pressure vessel Code (B&PVC), Section XI, Article IWA-6000, NMPNS submitted Request for Relief ISI-8 on October 30, 1999, under Letter NMP1L 1480, to implement ASME Code Case N-532, "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission as Required by IWA-4000 and IWA-6000, Section XI, Division 1". USNRC Safety Evaluation dated October 5, 2000, under TAC No. MA7129 authorized use of this alternative.

An Owner's Activity Report Form OAR-1, was prepared and certified upon completion of the 2001 refueling outage (RFO-16) Examination activity. The OAR is being supplemented to include the results of the re-scheduled inservice examinations in order to close-out the first inservice inspection period percentage requirements.

Note: Pursuant to 10 CFR 50.55a(a)(3)(i) ASME Code Case N-532 is authorized for the Third Ten-Year Inservice Inspection Interval, or until ASME Code Case N-532 is approved for general use by reference in 10 CFR 50.55a (previously Regulatory Guide 1.147). After that time, NMPNS must follow the conditions, if any, specified in the regulation.

In addition to the Owner's Activity Report, Form OAR-1, the following Tables are also included:

- a. **Abstract of Examinations and Tests, Table 1,** provides such information as ASME Code Examination Category, Total Examinations Required for the Inspection Interval, Total Examinations Required for this Period, Total Examinations Credited (%) for this Period, Total Examinations Credited (%) to Date for the Interval, and any remarks that may be applicable.
- b. **Items with Flaws or Relevant Conditions that Require Evaluation for Continued Service, Table 2,** provides a listing of item(s) with flaws or relevant conditions that required evaluation to determine acceptability for continued service, whether or not the flaw or relevant condition was discovered during a scheduled examination or test, and provides such information as Examination Category, Examination Item Number, Item Description, Flaw Characterization (as required by IWA-3300), and whether the flaw or relevant condition was found during a scheduled Section XI examination or test.
- c. **Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service, Table 3,** identifies those items containing flaws or relevant conditions that exceeded the ASME Section XI acceptance criteria (IWX-3000) or in the case of supports IWF-3000 acceptance criteria; even though the discovery of the flaw or relevant condition that necessitated the repair, replacement or corrective measure, may not have resulted from an examination or test required by Section XI, and provides such information as Code Class, whether the item is a repair, replacement or corrective action, item description, description of work, if the flaw or relevant condition was found during a

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scheduled Section XI Examination or test, date completed and the repair replacement plan number.

Form OAR-1 and applicable Tables were prepared following the completion of the rescheduled examinations performed during Refueling Outage (RFO-17) , which started on March 14, 2003 and ended on April 23, 2003. With the completion of this OAR-1 and the associated Tables, the First Inservice Inspection Period for Nine Mile Point Nuclear Station, Unit 1 is closed-out.

In accordance with ASME Section XI, IWB-2412 (a), with the exception of the examinations that may be deferred until the end of the inspection interval as specified in Table IWB-2500-1, the required examinations in each examination category shall be completed during each successive inspection interval in accordance with Table IWB-2412-1, and per IWB-2412 (b) the inspection period specified in (a) above may be decreased or extended by as much as 1 year to enable an inspection to coincide with a plant outage, within the limitations of IWA-2430(d).

Although specifically not addressed in the ASME Code Case, NMPNS approximate submittal date will be ninety (90) days following the end of each specific inspection period.



**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

Nine Mile Point Nuclear Station Unit 1

**THIRD INSERVICE INSPECTION INTERVAL
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**FORM OAR-1
OWNER'S ACTIVITY REPORT**

As required by the provisions of the ASME Code Case N-532

Report Number NMP1-ISI-OAR-003-01-A

Owner Nine Mile Point Nuclear Station, LLC, P.O. Box 63, Lake Road, Lycoming, New York 13093
(Name and Address of Owner)

Plant Nine Mile Point Nuclear Station, P. O. Box 63, Lycoming, New York 13093
(Name and Address of Plant)

Plant Unit 1 Commercial Service Date December 26, 1969 Refueling Outage Number RFO-17

Current Inspection Interval Third Inservice Inspection Interval - December 26, 1999 to December 25, 2009
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period First Inservice Inspection Period - December 26, 1999 to December 25, 2002
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plan 1989 Edition, No Addenda

Date and Revision of Inspection Plan NMP1-ISI-003, Revision 2, Dated September 25, 2002

Edition and Addenda of ASME Section XI applicable to Repairs and Replacements, if different than the Inspection Plan N/A

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. N/A (If applicable) Expiration Date N/A

Signed Glenn R Perkins Date 4/23/03
(Principal Engineer - ASME Section XI Programs Group)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New York and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the items described in this Owner's Activity Report, during the period March 14, 2003 to April 23, 2003, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Glenn R Perkins Commissions NB 8496
Inspector's Signature National Board, State, Province, and Endorsements

Date 4/28 2003



**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

Nine Mile Point Nuclear Station Unit 1

**THIRD INSERVICE INSPECTION INTERVAL
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TABLE 1
ABSTRACT OF EXAMINATION AND TESTS
As required by the provisions of the ASME Code Case N-532

CODE EXAMINATION CATEGORY	TOTAL EXAMINATIONS REQUIRED FOR INTERVAL	*TOTAL EXAMINATIONS REQUIRED FOR THIS PERIOD	TOTAL EXAMINATIONS CREDITED (%) FOR THE PERIOD	TOTAL EXAMINATIONS CREDITED (%) TO DATE FOR THE INTERVAL	REMARKS
B-A	42	8	8 - 100%	19.0%	Deferral Permissible
B-D	80	23	21 - 91%	26%	Deferral Permissible
B-E	2	0	0 - 0%	0%	Deferral Permissible
B-F	38	12	2 - 17%	5%	Percentages not required Per NRC approved RR-ISI-13
B-G-1	403	143	143 - 100%	35%	Insp. Prog. "B" Compliance
B-G-2	77	35	26 - 74%	34%	Insp. Prog. "B" Compliance
B-J	148	48	0 - 0%	0%	Percentages not required Per NRC approved RR-ISI-13
B-K	11	2	2 - 100%	18%	Insp. Prog. "B" Compliance
B-L-2	1	0	0 - 0%	0%	Deferral Permissible
B-M-1	1	0	0 - 0%	0%	Deferral Permissible
B-M-2	18	8	4 - 50%	22%	Deferral Permissible
B-N-1	30	10	9 - 90%	30%	Insp. Prog. "B" Compliance
B-N-2	28	5	5 - 100%	18%	Deferral Permissible
B-O	8	2	0 - 0%	0%	Deferral Permissible
C-A	4	1	1 - 100%	25%	Insp. Prog. "B" Compliance
C-B	4	1	1 - 100%	25%	Insp. Prog. "B" Compliance
C-C	32	10	10 - 100%	31%	Insp. Prog. "B" Compliance
C-F-1	28	10	0 - 0%	0%	Percentages not required Per NRC approved RR-ISI-13
C-F-2	50	18	0 - 0%	0%	Percentages not required Per NRC approved RR-ISI-13
C-G	19	11	6 - 55%	32%	Deferral Permissible Per NRC approved RR-ISI-7
D-A	25	8	8 - 100%	32%	Insp. Prog. "B" Compliance
E-A	184	61	51 - 78.6%	27%	Insp. Prog. "B" Compliance



Nine Mile Point Nuclear Station

Nine Mile Point Nuclear Station Unit 1

THIRD INSERVICE INSPECTION INTERVAL 2003 OWNERS' ACTIVITY REPORT FOR INSERVICE EXAMINATIONS

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TABLE 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRE EVALUATION FOR CONTINUED SERVICE
As required by the provisions of the ASME Code Case N-532

[illegible]





**Constellation
Energy Group**

Nine Mile Point
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**End of Inservice Inspection
Owner's Activity Report
For
Refueling Outage Seventeen (RFO-17)**



**Niagara Mohawk Power Corporation
300 Erie Boulevard West
Syracuse, New York 13252**

ENCLOSURE 3

**FIRST INSERVICE INSPECTION INTERVAL
FIRST INSERVICE INSPECTION PERIOD
1999 CONTAINMENT INSERVICE INSPECTION
OWNER'S ACTIVITY REPORT**

Prepared For

**Nine Mile Point Nuclear Power Station
P.O. Box 63
Lycoming, New York 13093**

Commercial Service Date:	December 26, 1969
NRC Docket Number:	50-220
Document Number:	NMP1-IWE-OAR-003-01
Revision Number: 0	Date: July 17, 2001



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RECORD OF REVISION			
REVISION No.	DATE	AFFECTED PAGES	REASON FOR REVISION
0	July 17, 2001	Entire Document	Initial issue of Owner's Activity Report in accordance with the requirements of ASME Code Case N-532 in lieu of IWA-6000 as granted by USNRC Safety Evaluation, dated October 5, 2000, Request for Relief ISI-8.



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ABSTRACT

This Owner's Activity Report summarizes the results of the Nine Mile Point Nuclear Power Station, Unit 1, First Containment Inservice Inspection Period that started on 26 December 1999 and ends on 25 December 2002. The first inservice inspection period consists of refueling outages fifteen (RFO-15) and sixteen (RFO-16).

As a alternate to the requirements of the American Society of Mechanical Engineers (ASME), Boiler and Pressure vessel Code (B&PVC), Section XI, Article IWA-6000, NMPC submitted Request for Relief ISI-8 on October 30, 1999, under Letter NMP1L 1480, to implement ASME Code Case N-532, "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission as Required by IWA-4000 and IWA-6000, Section XI, Division 1". USNRC Safety Evaluation dated October 5, 2000, under TAC No. MA7129 authorized use of this alternative.

IWE Containment Inservice examinations were initially performed during refueling outage (RFO-15), which were conducted during the period of April 6, 1999 through June 16, 1999. The IWE examinations consisted of examining the general condition of the Torus internal pressure retaining components at or below the waterline. The results of these inspections were documented in the RFO-15 Torus Inspection Plan, Document NER-1S-025, Revision 1, and was provided in Appendix D of the 1999 Summary Report Submittal.

In order to meet the intent of ASME Code Case N-532, an Owners' Activity Report Form OAR-1 was prepared to document the 1999 (RFO-15) Examination activity.

Note: Pursuant to 10 CFR 50.55a(a)(3)(i) ASME Code Case N-532 is authorized for the Third Ten-Year Inservice Inspection Interval, or until ASME Code Case N-532 is approved for general use by reference in 10 CFR 50.55a (previously Regulatory Guide 1.147). After that time, NMPC must follow the conditions, if any, specified in the regulation.

In addition to the Owner's Activity Report, Form OAR-1, the following Tables are also included:

- a. **Abstract of Examinations and Tests, Table 1**, that provides such information as ASME Code Examination Category, Total Examinations Required for the Inspection Interval, Total Examinations Required for this Period, Total Examinations Credited (%) for this Period, Total Examinations Credited (%) to Date for the Interval, and any remarks that may be applicable.
- b. **Items with Flaws or Relevant Conditions that Require Evaluation for Continued Service, Table 2**, that provides a listing of item(s) with flaws or relevant conditions that required evaluation to determine acceptability for continued service, whether or not the flaw or relevant condition was discovered during a scheduled examination or test, and provides such information as Examination Category, Examination Item Number, Item Description, Flaw Characterization (as required by IWA-3300), and Whether the flaw or relevant condition was found during an scheduled Section XI examination or test.
- c. **Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service, Table 3**, which identify those items containing flaws or relevant conditions that exceeded the NMPC defined or ASME Section XI acceptance criteria (IWE-3000) or in the case of supports IWF-3000 acceptance criteria; even though the discovery of the flaw or relevant condition that necessitated the repair, replacement or corrective measure, may not have resulted from an examination or test required by Section XI, and provides such information as Code Class, Whether the item is a repair, replacement or corrective action, item description, description of work, if the flaw or relevant condition was found during a scheduled Section XI Examination or test, date completed and the repair replacement plan number.

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completed and the repair replacement plan number.

- d. **Owners' Report for Inaccessible Areas**, Table 4, as required by Code of Federal regulations 10 CFR 50.55a(b)(x), and provides such information as a description of the type and estimated extent of degradation, and condition that led to the degradation, description and results of the evaluations, and a description of the corrective actions.

Note: If acceptance criteria for a particular item is not specified in Section XI, the provisions of IWA-3100(b) may be used to determine which repairs, replacements, and corrective measures are required to be included in the abstract.

The Form OAR-1 and the applicable Tables were prepared for the NMP1 First Inservice Inspection Period and is being submitted following the end of the first inspection period as defined below. Although specifically not addressed in the ASME Code Case, NMPC approximate submittal date will be ninety (90) days following the end of the each specific inspection period.

Owner's Activity Report Submittals				
Inspection Periods	Inspection Period End Dates	Refueling Outage	Outage Year	Approximate Submittal Date
1 ST . period	December 25, 2002	RFO-15 RFO-16	1999 2001	Extended
1 ST . Period Extension	April 23, 2003	RFO-17	2003	July 23, 2003



Nine Mile Point Nuclear Power Station Unit 1

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FORM OAR-1
OWNER'S ACTIVITY REPORT

As required by the provisions of the ASME Code Case N-532

Report Number NMP1-IWE-OAR-003-01Owner Niagara Mohawk Power Corporation, 300 Erie Boulevard West, Syracuse, New York 13252
(Name and Address of Owner)Plant Nine Mile Point Nuclear Power Station, P. O. Box 63, Lycoming, New York 13093
(Name and Address of Plant)Plant Unit 1 Commercial Service Date December 26, 1969 Refueling Outage Number RFO-15Current Inspection Interval First Inservice Inspection Interval December 26, 1999 to December 25, 2009
(1st, 2nd, 3rd, 4th, Other)Current Inspection Period First Inservice Inspection Period December 26, 1999 to December 25, 2002
(1st, 2nd, 3rd)Edition and Addenda of Section XI applicable to the Inspection Plan 1992 Edition, 1992 AddendaDate and Revision of Inspection Plan NER-IS-025, Revision 1, Dated May 17, 1999Edition and Addenda of ASME Section XI applicable to Repairs and Replacements, if different than the Inspection Plan N/A

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. N/A (If applicable) Expiration Date N/ASigned Glenn R. Perkins Date 7/25/01
(Supervisor - ASME Section XI Programs Group)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New York and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the items described in this Owner's Activity Report, during the period April 6, 1999 to June 16, 1999, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Lyman W. Anderson Commissions NB 8496
National Board, State, Province, and EndorsementsDate 7/26 2001



Nine Mile Point Nuclear Power Station Unit 1

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TABLE 3
ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES REQUIRED FOR CONTINUED SERVICE
As required by the provisions of the ASME Code Case N-532

CODE CLASS	REPAIR REPLACEMENT OR CORRECTIVE MEASURE	ITEM DESCRIPTION	DESCRIPTION OF WORK	FLAW OR RELEVANT CONDITION FOUND DURING SCHEDULED SECTION XI EXAMINATION OR TEST (YES OR NO)	DATE COMPLETE	REPAIR REPLACEMENT PLAN NUMBER
MC	Corrective Measure	PENET-XS-310	Removed gouges	NO	05/10/99	WO 99-01884-01
MC	Replacement	PENET-XS-310	Welded new studs and nuts	NO	09/08/99	WO 99-01884-01
MC	Replacement	PENET-XS-311	Replace bent lifting lug	NO	05/10/99	WO 99-01884-02
MC	Replacement	PENET-XS-311	Welded new studs and nuts	NO	08/17/99	WO 99-01884-02
MC	Corrective Measures	PENET-XS-311	Removed gouges	NO	05/10/99	WO 99-01884-02
MC	Corrective Measures	PENET-XS-312	Removed gouges	NO	05/10/99	WO 99-01884-00
MC	Replacement	PENET-XS-312	Welded new studs and nuts	NO	08/26/99	WO 99-01884-00
MC	Corrective Measures	Dome Bolting	Galled threads were chased with a die, machine groove and washers were ground	NO	05/01/99	WO 98-03786-01
MC	Replacement	Torus Hatch XS-310 XS-311 XS-312	Replaced studs and nuts	NO	08/17/99	WO 98-03314-04
MC	Repair	PENET-X-2B	Weld repair Mainsteam Drywell Bellows	YES	08/26/99	WO 99-01882-04
MC	Replacement	PENET-X-2B	Cut out existing Mainsteam Drywell Bellows and weld in new bellows	NO	08/26/99	WO 99-01882-01
MC	Replacement	HATCH-DW-HEAD	Installed (2) swingbolts	NO	08/26/99	WO 95-01308-01
MC	Replacement	HATCH-DW-HEAD	Replaced reactor drywell dome bolting and washers	NO	08/03/99	WO 98-03786-00



Nine Mile Point Nuclear Power Station Unit 1

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TABLE 4
OWNER'S DATA REPORT FOR INACCESSIBLE AREAS
As required by the provisions of the Code of Federal Regulations 10 CFR 50.55a(b)(x)

1. Owner: Niagara Mohawk Power Corporation, 300 Erie Boulevard West, Syracuse, NY 13252
(Name and Address of Owner)

2. Plant: Nine Mile Point Nuclear Power Station, P.O. Box 63, Lycoming, New York 13093
(Name and Address of Plant)

Plant Unit: 1 Commercial Service Date: December 26, 1969

3. Applicable ASME Section XI Code 1998 Edition, and NO
Addenda

For Class MC applications, NMPC shall evaluate the acceptability of inaccessible areas when conditions exist in accessible areas that could indicate the presence of or result in degradation to such inaccessible areas. For each inaccessible area identified, NMPC shall provide the following:

4. Description of the type and estimated extent of degradation, and the conditions that led to the degradation;

Photo documentation from previous Torus entries indicate that the waterline region may potentially exhibit generalized, non specific corrosion.

Supplemental examinations will be performed from the outside surface of the Torus by taking ultrasonic thickness measurements of the Torus shell plate at the waterline region. These examinations were to determine the general Torus shell thickness and if minimum wall thickness requirements have been violated by the corrosion.

5. An evaluation of each area, and the results of the evaluation;

Engineering had determined that eight (8) locations/areas will be ultrasonically measured for thickness.

Of the three hundred and sixty (360) readings taken, the lowest recorded point (0.0438 inches) was in Bay 3-I at location B6. Since the allowable minimum wall was 0.397 inches at this location, the recorded readings were found to be acceptable.

6. Description of necessary corrective actions;

No corrective actions were required



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**End of Containment Inservice Inspection
Owner's Activity Report
For
Refueling Outage Fifteen (RFO-15)**



**Niagara Mohawk Power Corporation
300 Erie Boulevard West
Syracuse, New York 13252**

ENCLOSURE 4

**FIRST INSERVICE INSPECTION INTERVAL
FIRST INSERVICE INSPECTION PERIOD
CONTAINMENT INSERVICE INSPECTION
2001 OWNER'S ACTIVITY REPORT**

Prepared For

**Nine Mile Point Nuclear Power Station
P.O. Box 63
Lycoming, New York 13093**

Commercial Service Date:	December 26, 1969
NRC Docket Number:	50-220
Document Number:	NMP1-IWE-OAR-003-02
Revision Number:	0
	Date: July 17, 2001

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Nine Mile Point Nuclear Power Station Unit 1

NMP1-IWE-OAR-003-02

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REVISION No.	DATE	AFFECTED PAGES	REASON FOR REVISION
0	July 17, 2001	Entire Document	Initial issue of Owner's Activity Report in accordance with the requirements of ASME Code Case N-532 in lieu of IWA-6000 as granted by USNRC Safety Evaluation, dated October 5, 2000, Request for Relief ISI-8.

**FIRST INSERVICE INSPECTION INTERVAL
2001 CONTAINMENT INSPECTION
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ABSTRACT

This Owner's Activity Report summarizes the results of the Nine Mile Point Nuclear Power Station, Unit 1, First Containment Inservice Inspection Period that started on 26 December 1999 and ends on 25 December 2002. The first inservice inspection period consists of refueling outages fifteen (RFO-15) and sixteen (RFO-16).

As a alternate to the requirements of the American Society of Mechanical Engineers (ASME), Boiler and Pressure Vessel Code (B&PVC), Section XI, Article IWA-6000, NMPC submitted Request for Relief ISI-8 on October 30, 1999, under Letter NMP1L 1480, to implement ASME Code Case N-532, "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission as Required by IWA-4000 and IWA-6000, Section XI, Division 1". USNRC Safety Evaluation dated October 5, 2000, under TAC No. MA7129 authorized use of this alternative.

IWE Containment Inservice examinations were initially performed during refueling outage (RFO-15), which was conducted during the period of April 6, 1999 through June 16, 1999. The IWE examinations consisted of examining the general condition of the Torus internal pressure retaining components at or below the waterline. The results of these inspections were documented in the RFO-15 Torus Inspection Plan, Document NER-1S-025, Revision 1, and was provided in Appendix D of the 1999 Summary Report Submittal.

In order to meet the intent of ASME Code Case N-532, an Owners' Activity Report Form OAR-1 was prepared to document the 1999 (RFO-15) Examination activity, and is scheduled to accompany this submittal.

This Owner's Activity Report Form OAR-1 and attachments were prepared and certified upon completion of the 2001 second refueling outage (RFO-16) which started on March 18, 2001 and ended on May 18, 2001.

Note: Pursuant to 10 CFR 50.55a(a)(3)(i) ASME Code Case N-532 is authorized for use during the Third Ten-Year Inservice Inspection Interval, or until ASME Code Case N-532 is approved for general use by reference in 10 CFR 50.55a (previously Regulatory Guide 1.147). After that time, NMPC must follow the conditions, if any, specified in the regulation.

In addition to the Owner's Activity Report, Form OAR-1, the following Tables are also included:

- a. **Abstract of Examinations and Tests**, Table 1, that provides such information as ASME Code Examination Category, Total Examinations Required for the Inspection Interval, Total Examinations Required for this Period, Total Examinations Credited (%) for this Period, Total Examinations Credited (%) to Date for the Interval, and any remarks that may be applicable.
- b. **Items with Flaws or Relevant Conditions that Require Evaluation for Continued Service**, Table 2, that provides a listing of item(s) with flaws or relevant conditions that required evaluation to determine acceptability for continued service, whether or not the flaw or relevant condition was discovered during a scheduled examination or test, and provides such information as Examination Category, Examination Item Number, Item Description, Flaw Characterization (as required by IWA-3300), and whether the flaw or relevant condition was found during a scheduled Section XI examination or test.
- c. **Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service**, Table 3, which identify those items containing flaws or relevant conditions that exceeded the NMPC defined or ASME Section XI acceptance criteria (IWE-3000) or in the case of supports IWF-3000 acceptance criteria; even though the discovery of the flaw or relevant condition that necessitated the repair, replacement or corrective measure, may not have resulted from an



Nine Mile Point Nuclear Power Station Unit 1

NMP1-IWE-OAR-003-02

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2001 CONTAINMENT INSPECTION
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Date: July 17, 2001

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examination or test required by Section XI, and provides such information as Code Class, whether the item is a repair, replacement or corrective action, item description, description of work, if the flaw or relevant condition was found during a scheduled Section XI Examination or test, date completed and the repair replacement plan number.

- d. **Owners' Report for Inaccessible Areas**, Table 4, as required by Code of Federal Regulations 10 CFR 50.55a(b)(x), provides such information as a description of the type and estimated extent of degradation, and condition that led to the degradation, description and results of the evaluations, and a description of the corrective actions.

Note: If acceptance criteria for a particular item is not specified in Section XI, the provisions of IWA-3100(b) may be used to determine which repairs, replacements, and corrective measures are required to be included in the abstract.

Each Form OAR-1 and the applicable Tables were prepared for the NMP1 First Inservice Inspection Period and is being submitted following the end of the first inspection period as defined below. Although specifically not addressed in the ASME Code Case, NMPC approximate submittal date will be ninety (90) days following the end of the each specific inspection period.

Owner's Activity Report Submittals				
Inspection Periods	Inspection Period End Dates	Refueling Outage	Outage Year	Approximate Submittal Date
1 ST . period	December 25, 2002	RFO-15 RFO-16	1999 2001	Extended
1 ST . Period Extension	April 23, 2003	RFO-17	2003	July 23, 2003



Nine Mile Point Nuclear Power Station Unit 1

NMP1-IWE-OAR-003-02

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2001 CONTAINMENT INSPECTION
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FORM OAR-1
OWNER'S ACTIVITY REPORT

As required by the provisions of the ASME Code Case N-532

Report Number NMP1-IWE-OAR-003-02Owner Niagara Mohawk Power Corporation, 300 Erie Boulevard West, Syracuse, New York 13252
(Name and Address of Owner)Plant Nine Mile Point Nuclear Power Station, P. O. Box 63, Lycoming, New York 13093
(Name and Address of Plant)Plant Unit 1 Commercial Service Date December 26, 1969 Refueling Outage Number RFO-16Current Inspection Interval First Inservice Inspection Interval - December 26, 1999 to December 25, 2009
(1st, 2nd, 3rd, 4th, Other)Current Inspection Period First Inservice Inspection Period - December 26, 1999 to December 25, 2002
(1st, 2nd, 3rd)Edition and Addenda of Section XI applicable to the Inspection Plan 1998 Edition, No AddendaDate and Revision of Inspection Plan NMP1-IWE-003-10, Revision 1, Dated September 4, 2000
Edition and Addenda of ASME Section XI applicable to Repairs and Replacements, if different than the Inspection Plan N/A

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. N/A (If applicable) Expiration Date N/ASigned Glenn R. Perkins Date 7/25/01
(Supervisor - ASME Section XI Programs Group)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New York and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the items described in this Owner's Activity Report, during the period March 18, 2001 to May 18, 2001 and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Lynn D. Anderson Commissions NB 8496
National Board, State, Province, and EndorsementsDate 7/26 2001

**Nine Mile Point Nuclear Power Station Unit 1****NMP1-IWE-OAR-003-02****FIRST INSERVICE INSPECTION INTERVAL
2001 CONTAINMENT INSPECTION
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Rev. 0

Date: July 17, 2001

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**TABLE 4
OWNER'S DATA REPORT FOR INACCESSIBLE AREAS**

As required by the provisions of the Code of Federal Regulations 10 CFR 50.55a(b)(x)

1. Owner: Niagara Mohawk Power Corporation, 300 Erie Boulevard West, Syracuse, NY 13252
(Name and Address of Owner)
2. Plant: Nine Mile Point Nuclear Power Station, P.O. Box 63, Lycoming, new York 13093
(Name and Address of Plant)

Plant Unit: 1 Commercial Service Date: December 26, 1969
3. Applicable ASME Section XI Code 1998 Edition, and NO Addenda

For Class MC applications, NMPC shall evaluate the acceptability of inaccessible areas when conditions exist in accessible areas that could indicate the presence of or result in degradation to such inaccessible areas. For each inaccessible area identified, NMPC shall provide the following:

4. Description of the type and estimated extent of degradation, and the conditions that led to the degradation;

During scheduled inservice examination of the containment moisture barrier between the dry well liner and the concrete floor at elevation 225-ft was identified as portions of the sealant was either missing and those portions of the existing sealant was degraded.

The moisture barrier was degraded over the entire 360 degree circumference, with approximately 60% of the moisture barrier being missing.

5. An evaluation of each area, and the results of the evaluation;

Detailed Visual examination found no unacceptable degradation in the visible areas of the dry well liner adjacent to the moisture barrier.

Evaluation of the inaccessible areas of the Containment Liner condition below the concrete is not possible without breaking and removal of the concrete.

Engineering evaluation of this condition is that a significant portion of the existing barrier is still in good condition and requires corrective actions to be fully effective to function as a moisture barrier.

6. Description of necessary corrective actions;

Restore containment moisture barrier to original intended function by repairing degraded portions and replacing missing portions of moisture barrier.



Nine Mile Point Nuclear Power Station Unit 1

NMP1-IWE-OAR-003-02

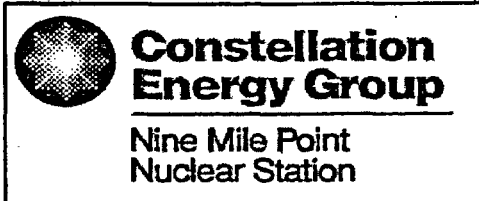
**FIRST INSERVICE INSPECTION INTERVAL
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Rev. 0

Date: July 17, 2001

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**End of Containment Inservice Inspection
Owner's Activity Report
For
Refueling Outage Sixteen (RFO-16)**



**Nine Mile Point Nuclear Station, LLC
P.O. Box 63 Lake Road
Lycoming, New York 13093**

ENCLOSURE 5

**THIRD INSERVICE INSPECTION INTERVAL
FIRST INSERVICE INSPECTION PERIOD
2003 OWNER'S ACTIVITY REPORT
FOR
INSERVICE SYSTEM PRESSURE TESTING**

Prepared For

**Nine Mile Point Nuclear Station
P.O. Box 63
Lycoming, New York 13093**

Commercial Service Date:	December 26, 1969
NRC Docket Number:	50-220
Document Number:	NMP1-SPT-OAR-003-02
Revision Number:	00
	Date: April 23, 2003




 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station Unit 1	NMP1-SPT-OAR-003-02
	THIRD INSERVICE INSPECTION INTERVAL 2003 OWNERS' ACTIVITY REPORT FOR INSERVICE SYSTEM PRESSURE TESTING	Rev. 00 Date: April 23, 2003 Page 1 - 2 of 1 - 10

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Table 3 Abstract of Repairs, Replacements, or Corrective Measures Required for Continued Service	i-10

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RECORD OF REVISION			
REVISION No.	DATE	AFFECTED PAGES	REASON FOR REVISION
00	April 23, 2003	Entire Document	Initial issue of Owner's Activity Report for ASME Section XI Inservice Examinations in accordance with the requirements of ASME Code Case N-532 in lieu of IWA-6000 as granted by USNRC Safety Evaluation, dated October 5, 2000, Request for Relief ISI-8.

 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station Unit 1	NMP1-SPT-OAR-003-02
	THIRD INSERVICE INSPECTION INTERVAL 2003 OWNERS' ACTIVITY REPORT FOR INSERVICE SYSTEM PRESSURE TESTING	Rev. 00 Date: April 23, 2003 Page 1 - 4 of 1 - 10

ABSTRACT

This Owner's Activity Report supplements report NMP1-ISI-OAR-003-01 of the Nine Mile Point Nuclear Station (NMPNS), Unit 1, ASME Section XI Inservice System Pressure Testing performed during the First Refueling Outage (RFO-16) of the First Inservice Inspection Period that started on 26 December 1999 and was scheduled to end on 25 December 2002. This report incorporates the remaining First Inspection Period remaining Pressure Tests required for close-out.


As an alternate to the requirements of the American Society of Mechanical Engineers (ASME), Boiler and Pressure vessel Code (B&PVC), Section XI, Article IWA-6000, NMPNS submitted Request for Relief ISI-8 on October 30, 1999, under Letter NMP1L 1480, to implement ASME Code Case N-532, "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission as Required by IWA-4000 and IWA-6000, Section XI, Division 1". USNRC Safety Evaluation dated October 5, 2000, under TAC No. MA7129 authorized use of this alternative.

An Owner's Activity Report Form OAR-1, was prepared and certified upon completion of the 2003 refueling outage (RFO-17) Examination activity.

Note: Pursuant to 10 CFR 50.55a(a)(3)(i) ASME Code Case N-532 is authorized for the Third Ten-Year Inservice Inspection Interval, or until ASME Code Case N-532 is approved for general use by reference in 10 CFR 50.55a (previously Regulatory Guide 1.147). After that time, NMPNS must follow the conditions, if any, specified in the regulation.

In addition to the Owner's Activity Report, Form OAR-1, the following Tables are also included:

- a. **Abstract of Examinations and Tests, Table 1,** provides such information as ASME Code Examination Category, Total Examinations Required for the Inspection Interval, Total Examinations Required for this Period, Total Examinations Credited (%) for this Period, Total Examinations Credited (%) to Date for the Interval, and any remarks that may be applicable.
- b. **Items with Flaws or Relevant Conditions that Require Evaluation for Continued Service, Table 2,** provides a listing of item(s) with flaws or relevant conditions that required evaluation to determine acceptability for continued service, whether or not the flaw or relevant condition was discovered during a scheduled examination or test, and provides such information as Examination Category, Examination Item Number, Item Description, Flaw Characterization (as required by IWA-3300), and whether the flaw or relevant condition was found during a scheduled Section XI examination or test.
- c. **Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service, Table 3,** identifies those items containing flaws or relevant conditions that exceeded the ASME Section XI acceptance criteria (IWX-3000) or in the case of supports IWF-3000 acceptance criteria; even though the discovery of the flaw or relevant condition that necessitated the repair, replacement or corrective measure, may not have resulted from an examination or test required by Section XI, and provides such information as Code Class, whether the item is a repair, replacement or corrective action, item description, description of work, if the flaw or relevant condition was found during a

 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station Unit 1	NMP1-SPT-OAR-003-02
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In accordance with ASME Section XI, IWB-2412 (a), with the exception of the examinations that may be deferred until the end of the inspection interval as specified in Table IWB-2500-1, the required examinations in each examination category shall be completed during each successive inspection interval in accordance with Table IWB-2412-1, and per IWB-2412 (b) the inspection period specified in (a) above may be decreased or extended by as much as 1 year to enable an inspection to coincide with a plant outage, within the limitations of IWA-2430(d).

Although specifically not addressed in the ASME Code Case, NMPNS approximate submittal date will be ninety (90) days following the end of each specific inspection period.



**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

Nine Mile Point Nuclear Station Unit 1

**THIRD INSERVICE INSPECTION INTERVAL
2003 OWNERS' ACTIVITY REPORT
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NMP1-SPT-OAR-003-02

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**FORM OAR-1
OWNER'S ACTIVITY REPORT**

As required by the provisions of the ASME Code Case N-532

Report Number NMP1-SPT-OAR-003-01-A

Owner Nine Mile Point Nuclear Station, LLC, P.O. Box 63 Lake Road, Lycoming, New York 13093
(Name and Address of Owner)

Plant Nine Mile Point Nuclear Station, P. O. Box 63, Lycoming, New York 13093
(Name and Address of Plant)

Plant Unit 1 Commercial Service Date December 26, 1969 Refueling Outage Number RFO-17

Current Inspection Interval Third Inservice Inspection Interval - December 26, 1999 to December 25, 2009
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period First Inservice Inspection Period - December 26, 1999 to December 25, 2002
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plan 1989 Edition, No Addenda

Date and Revision of Inspection Plan NMP1-PT-003, Revision 1, Dated March 1, 2001
Edition and Addenda of ASME Section XI applicable to Repairs and Replacements, if different than the Inspection Plan N/A

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. N/A (If applicable) Expiration Date N/A

Signed Glenn R Perkins Date 4/23/03
(Principal Engineer - ASME Section XI Programs Group)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New York and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the items described in this Owner's Activity Report, during the period March 14, 2003 to April 23, 2003 and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Lyman Warden Commissions NB 8496
Inspector's Signature National Board, State, Province, and Endorsements

Date 4/28 2003


 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station Unit 1	NMP1-SPT-OAR-003-02
	THIRD INSERVICE INSPECTION INTERVAL 2003 OWNERS' ACTIVITY REPORT FOR INSERVICE SYSTEM PRESSURE TESTING	Rev. 00 Date: April 23, 2003 Page I - 7 of I - 10

TABLE 1
ABSTRACT OF EXAMINATION AND TESTS
 As required by the provisions of the ASME Code Case N-532

CODE EXAMINATION CATEGORY	TOTAL EXAMINATIONS REQUIRED FOR INTERVAL	*TOTAL EXAMINATIONS REQUIRED FOR THIS PERIOD	TOTAL EXAMINATIONS CREDITED (%) FOR THE PERIOD	TOTAL EXAMINATIONS CREDITED (%) TO DATE FOR THE INTERVAL	REMARKS
B-E	2	0	0 - 0%	0%	Deferral Permissible
B-P	N/A	N/A	97-N/A	N/A	Excluded from Insp. Prog. "B"
C-H	N/A	N/A	20-N/A	N/A	Excluded from Insp. Prog. "B"
D-A	N/A	N/A	14 - N/A	N/A	Excluded from Insp. Prog. "B"
G-L-G	100	20	20-100%	20-20%	Inaccessible Welds



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ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES REQUIRED FOR CONTINUED SERVICE
As required by the provisions of the ASME Code Case N-532

No Repairs/Replacements or Corrective Measures Required



**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

Nine Mile Point Nuclear Station Unit 1

**THIRD INSERVICE INSPECTION INTERVAL
2003 OWNERS' ACTIVITY REPORT
FOR
INSERVICE SYSTEM PRESSURE TESTING**

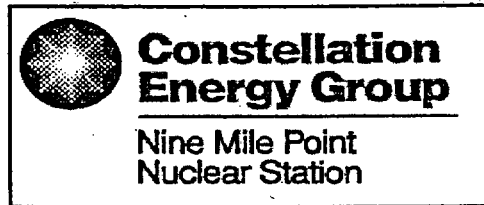
NMP1-SPT-OAR-003-02

Rev. 00

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**End of Inservice System Pressure Testing
Owner's Activity Report
For
Refueling Outage Seventeen (RFO-17)**



**Nine Mile Point Nuclear Station, LLC
P.O. Box 63 Lake Road
Lycoming, New York 13093**

ENCLOSURE 6

**THIRD INSERVICE INSPECTION INTERVAL
SECOND INSERVICE INSPECTION PERIOD
2003 OWNER'S ACTIVITY REPORT
FOR
INSERVICE EXAMINATIONS**

Prepared For

**Nine Mile Point Nuclear Station
P.O. Box 63
Lycoming, New York 13093**

Commercial Service Date:	December 26, 1969
NRC Docket Number:	50-220
Document Number:	NMP1-ISI-OAR-003-02
Revision Number:	00
	Date: April 23, 2003


 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station Unit 1	NMP1-ISI-OAR-003-02
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**THIRD INSERVICE INSPECTION INTERVAL
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RECORD OF REVISION			
REVISION No.	DATE	AFFECTED PAGES	REASON FOR REVISION
00	April 23, 2003	Entire Document	Initial Issue of Owner's Activity Report for ASME Section XI Inservice Examinations in accordance with the requirements of ASME Code Case N-532 in lieu of IWA-6000 as granted by USNRC Safety Evaluation, dated October 5, 2000, Request for Relief ISI-8.

 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station Unit 1	NMP1-ISI-OAR-003-02
	THIRD INSERVICE INSPECTION INTERVAL 2003 OWNERS' ACTIVITY REPORT FOR INSERVICE EXAMINATIONS	Rev. 00 Date: April 23, 2003 Page i-4 of i-11

ABSTRACT

This Owner's Activity Report summarizes the results of the Nine Mile Point Nuclear Station (NMPNS), Unit 1, ASME Section XI Inservice Examinations performed during the First Refueling Outage (RFO-17) of the Second Inservice Inspection Period that started on 26 December 2002 and is scheduled to end on 25 December 2006.


As an alternate to the requirements of the American Society of Mechanical Engineers (ASME), Boiler and Pressure vessel Code (B&PVC), Section XI, Article IWA-6000, NMPNS submitted Request for Relief ISI-8 on October 30, 1999, under Letter NMP1L 1480, to implement ASME Code Case N-532, "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission as Required by IWA-4000 and IWA-6000, Section XI, Division 1". USNRC Safety Evaluation dated October 5, 2000, under TAC No. MA7129 authorized use of this alternative.

An Owner's Activity Report Form OAR-1, was prepared and certified upon completion of the 2003 refueling outage (RFO-17) Examination activity.

Note: Pursuant to 10 CFR 50.55a(a)(3)(i) ASME Code Case N-532 is authorized for the Third Ten-Year Inservice Inspection Interval, or until ASME Code Case N-532 is approved for general use by reference in 10 CFR 50.55a (previously Regulatory Guide 1.147). After that time, NMPNS must follow the conditions, if any, specified in the regulation.

In addition to the Owner's Activity Report, Form OAR-1, the following Tables are also included:

- a. **Abstract of Examinations and Tests**, Table 1, provides such information as ASME Code Examination Category, Total Examinations Required for the Inspection Interval, Total Examinations Required for this Period, Total Examinations Credited (%) for this Period, Total Examinations Credited (%) to Date for the Interval, and any remarks that may be applicable.
- b. **Items with Flaws or Relevant Conditions that Require Evaluation for Continued Service**, Table 2, provides a listing of item(s) with flaws or relevant conditions that required evaluation to determine acceptability for continued service, whether or not the flaw or relevant condition was discovered during a scheduled examination or test, and provides such information as Examination Category, Examination Item Number, Item Description, Flaw Characterization (as required by IWA-3300), and whether the flaw or relevant condition was found during a scheduled Section XI examination or test.
- c. **Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service**, Table 3, identifies those items containing flaws or relevant conditions that exceeded the ASME Section XI acceptance criteria (IWX-3000) or in the case of supports IWF-3000 acceptance criteria; even though the discovery of the flaw or relevant condition that necessitated the repair, replacement or corrective measure, may not have resulted from an examination or test required by Section XI, and provides such information as Code Class, whether the item is a repair, replacement or corrective action, item description, description of work, if the flaw or relevant condition was found during a scheduled Section XI Examination or test, date completed and the repair replacement plan number.

 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station Unit 1	NMP1-ISI-OAR-003-02
	THIRD INSERVICE INSPECTION INTERVAL 2003 OWNERS' ACTIVITY REPORT FOR INSERVICE EXAMINATIONS	Rev. 00 Date: April 23, 2003 Page i - 5 of i - 11

In accordance with ASME Section XI, IWB-2412 (a), with the exception of the examinations that may be deferred until the end of the inspection interval as specified in Table IWB-2500-1, the required examinations in each examination category shall be completed during each successive inspection interval in accordance with Table IWB-2412-1, and per IWB-2412 (b) the inspection period specified in (a) above may be decreased or extended by as much as 1 year to enable an inspection to coincide with a plant outage, within the limitations of IWA-2430(d).

Although specifically not addressed in the ASME Code Case, NMPNS approximate submittal date will be ninety (90) days following the end of each specific inspection period.



**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

Nine Mile Point Nuclear Station Unit 1

**THIRD INSERVICE INSPECTION INTERVAL
2003 OWNERS' ACTIVITY REPORT
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**FORM OAR-1
OWNER'S ACTIVITY REPORT**

As required by the provisions of the ASME Code Case N-532

Report Number NMP1-ISI-OAR-003-02

Owner Nine Mile Point Nuclear Station, LLC, P.O. Box 63 Lake Road, Lycoming, New York 13093
(Name and Address of Owner)

Plant Nine Mile Point Nuclear Station, P. O. Box 63, Lycoming, New York 13093
(Name and Address of Plant)

Plant Unit 1 Commercial Service Date December 26, 1969 Refueling Outage Number RFO-17

Current Inspection Interval Third Inservice Inspection Interval - December 26, 1999 to December 25, 2009
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period Second Inservice Inspection Period - December 26, 2002 to December 25, 2006
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plan 1989 Edition, No Addenda

Date and Revision of Inspection Plan NMP1-ISI-003, Revision 2, Dated September 25, 2002

Edition and Addenda of ASME Section XI applicable to Repairs and Replacements, if different than the Inspection Plan N/A

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. N/A (If applicable) Expiration Date N/A

Signed Glenn R Perkins Date 4/23/03
(Principal Engineer - ASME Section XI Programs Group)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New York and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the items described in this Owner's Activity Report, during the period March 14, 2003 to April 23, 2003 and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Lynn O Anderson Commissions NB 8496
Inspector's Signature National Board, State, Province, and Endorsements

Date 4/28 20 03



**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

Nine Mile Point Nuclear Station Unit 1

**THIRD INSERVICE INSPECTION INTERVAL
2003 OWNERS' ACTIVITY REPORT
FOR
INSERVICE EXAMINATIONS**

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TABLE 1
ABSTRACT OF EXAMINATION AND TESTS
As required by the provisions of the ASME Code Case N-532

CODE EXAMINATION CATEGORY	TOTAL EXAMINATIONS REQUIRED FOR INTERVAL	*TOTAL EXAMINATIONS REQUIRED FOR THIS PERIOD	TOTAL EXAMINATIONS CREDITED (%) FOR THE PERIOD	TOTAL EXAMINATIONS CREDITED (%) TO DATE FOR THE INTERVAL	REMARKS
B-A	42	4	4 - 100%	29%	Deferral Permissible
B-D	82	25	2 - .8%	28.0%	Deferral Permissible
B-E	2	0	0 - 0%	0%	Deferral Permissible
B-F	N/A	N/A	N/A	N/A	Under Risk-Informed
B-G-1	411	135	126 - 93%	65%	Insp. Prog. "B" Compliance
B-G-2	93	48	25 - 52%	54.8%	Insp. Prog. "B" Compliance
B-J	N/A	N/A	N/A	N/A	Under Risk-Informed
B-K	13	5	2 - 40%	30.7%	
B-L-2	1	1	0 - 0%	0%	Deferral Permissible
B-M-1	1	1	0 - 0%	0%	Deferral Permissible
B-M-2	18	11	3 - 27%	38.8%	Deferral Permissible
B-N-1	30	12	8 - 67%	56.6%	
B-N-2	28	12	10 - 83%	53.5%	Deferral Permissible
B-O	8	5	0 - 0%	0%	Deferral Permissible
B-P	N/A	195	110-56.4%	N/A	Excluded from Insp. Prog. "B"
C-A	4	1	1 - 100%	50%	Insp. Prog. "B" Compliance
C-B	4	1	1 - 100%	50%	Insp. Prog. "B" Compliance
C-C	32	10	9 - 90%	59%	Insp. Prog. "B" Compliance
C-F-1	N/A	N/A	N/A	N/A	Under Risk-Informed
C-F-2	N/A	N/A	N/A	N/A	Under Risk-Informed
C-G	19	9	2 - 22%	42%	Deferred Per RR-ISI-7
C-H	N/A	N/A	0-0%	N/A	Excluded from Insp. Prog. "B"
D-A	25	5	5 - 100%	52%	Insp. Prog. "B" Compliance
F-A	186	70	41 - 58.5%	49%	
R-A	63	39	8 - 20.5%	12.6%	



Nine Mile Point Nuclear Station

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**THIRD INSERVICE INSPECTION INTERVAL
2003 OWNERS' ACTIVITY REPORT
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TABLE 2

[illegible]



**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

Nine Mile Point Nuclear Station Unit 1

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TABLE 3
ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES REQUIRED FOR CONTINUED SERVICE
As required by the provisions of the ASME Code Case N-532

CODE CLASS	REPAIR REPLACEMENT OR CORRECTIVE MEASURE	ITEM DESCRIPTION	DESCRIPTION OF WORK	FLAW OR RELEVANT CONDITION FOUND DURING SCHEDULED SECTION XI EXAMINATION OR TEST (YES OR NO)	DATE COMPLETE	REPAIR REPLACEMENT PLAN NUMBER
1	Replacement	SRV Studs	Relief Valve Bolting	No	03/23/03	WO 01-08426-00
1	Repair	IV-01-01	Stellite Overlay	No	03/27/03	WO 02-07572-00
1	Replacement	IV-01-01-VB	Replaced studs and nuts	No	03/24/03	WO 02-07572-00
1	Replacement	IV-01-04-VB	Replaced studs and nuts	No	03/24/03	WO 02-01681-09
1	Replacement	CKV-31-01R-VB	Replaced studs	No	03/28/03	WO 02-04849-00
1	Replacement	CKV-31-01R-VNW	Replaced nuts and washers	No	03/26/03	WO 02-04849-00
1	Replacement	32-191-SHB	Replaced seal housing bolting	No	03/18/03	WO 02-04162-01
1	Replacement	CX-32-513	Replaced Decon flange bolting	No	03/27/03	WO 02-01489-06
1	Replacement	37-WD-002-FB	Replaced flange bolting	No	03/24/03	WO 01-05712-01
1	Repair	CKV-39-04-VBY	Sealing surface	No	03/20/03	WO 01-03197-00
1	Replacement	32-MS-11	Replaced Snubber	No	03/18/03	WO 01-08436-00
1	Replacement	32-MS-23	Replaced Snubber	No	03/18/03	WO 01-08295-00
1	Replacement	CRD-A1-B	Replaced Capscrews	No	03/16/03	WO 02-05630-00
1	Replacement	CRD-C2-B	Replaced Capscrews	No	03/16/03	WO 01-07909-01
1	Replacement	CRD-D2-B	Replaced Capscrews	No	03/16/03	WO 02-03946-00
1	Replacement	CRD-F1-B	Replaced Capscrews	No	03/16/03	WO 02-03947-01
1	Replacement	CRDG4-B	Replaced Capscrews	No	03/16/03	WO 02-03969-01
1	Replacement	CRD-H3-B	Replaced Capscrews	No	03/16/03	WO 02-06691-01
1	Replacement	CRD-L4-B	Replaced Capscrews	No	03/16/03	WO 02-07692-00
1	Replacement	CRD-M3-B	Replaced Capscrews	No	03/16/03	WO 02-06574-00
1	Replacement	CRD-M4-B	Replaced Capscrews	No	03/16/03	WO 02-03942-00
1	Replacement	CRD-M6-B	Replaced Capscrews	No	03/16/03	WO 01-05060-00
1	Replacement	CRD-N2-B	Replaced Capscrews	No	03/16/03	WO 02-03948-00
1	Replacement	CRD-Q2-B	Replaced Capscrews	No	03/16/03	WO 03-01630-00
1	Replacement	CRD-R7-B	Replaced Capscrews	No	03/16/03	WO 02-06575-00



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**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

Nine Mile Point Nuclear Station Unit 1

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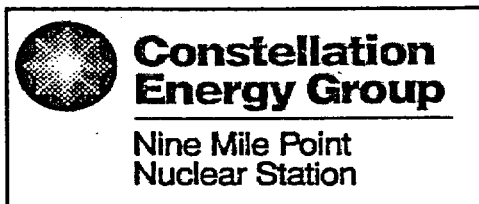
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**End of Inservice Inspection
Owner's Activity Report
For
Refueling Outage Seventeen (RFO-17)**



**Nine Mile Point Nuclear Station, LLC
P.O. Box 63, Lake Road
Lycoming, New York 13093**

ENCLOSURE 7

**FIRST INSERVICE INSPECTION INTERVAL
SECOND INSERVICE INSPECTION PERIOD
2003 OWNER'S ACTIVITY REPORT
FOR
CONTAINMENT INSERVICE EXAMINATIONS**

Prepared For

**Nine Mile Point Nuclear Power Station
P.O. Box 63
Lycoming, New York 13093**

Commercial Service Date:	December 26, 1969
NRC Docket Number:	50-220
Document Number:	NMP1-IWE-OAR-003-03
Revision Number:	00
Date:	April 23, 2003


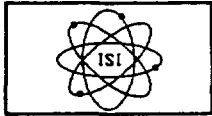
	Nine Mile Point Nuclear Power Station Unit 1	NMP1-IWE-OAR-003-03
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Nine Mile Point Nuclear Power Station Unit 1

NMP1-IWE-OAR-003-03

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RECORD OF REVISION			
REVISION No	DATE	AFFECTED PAGES	REASON FOR REVISION
0	April 23, 2003	Entire Document	Initial Issue of Owner's Activity Report in accordance with the requirements of ASME Code Case N-532 in lieu of IWA-6000 as granted by USNRC Safety Evaluation, dated October 5, 2000, Request for Relief ISI-8.

	Nine Mile Point Nuclear Power Station Unit 1	NMP1-IWE-OAR-003-03
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ABSTRACT

This Owner's Activity Report and associated Tables summarizes the results of the Nine Mile Point Nuclear Station, Unit 1, Second Containment Inservice Inspection Period that started on 25 December 2002 and ends on 26 December 2006. The second inservice inspection period consists of refueling outages seventeen (RFO-17) and eighteen (RFO-18).


As a alternate to the requirements of the American Society of Mechanical Engineers (ASME), Boiler and Pressure Vessel Code (B&PVC), Section XI, Article IWA-6000, NMPNS submitted Request for Relief ISI-8 on October 30, 1999, under Letter NMP1L 1480, to implement ASME Code Case N-532, "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission as Required by IWA-4000 and IWA-6000, Section XI, Division 1". USNRC Safety Evaluation dated October 5, 2000, under TAC No. MA7129 authorized use of this alternative.

This Owner's Activity Report Form OAR-1 and associated Tables were prepared and certified upon completion of the 2003 third refueling outage (RFO-17) Examination activity.

Note: Pursuant to 10 CFR 50.55a(a)(3)(i) ASME Code Case N-532 is authorized for use during the Third Ten-Year Inservice Inspection Interval, or until ASME Code Case N-532 is approved for general use by reference in 10 CFR 50.55a (previously Regulatory Guide 1.147). After that time, NMPNS must follow the conditions, if any, specified in the regulation.

In addition to the Owner's Activity Report, Form OAR-1, the following Tables are also included:

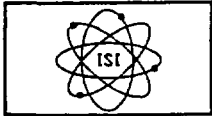
- a. **Abstract of Examinations and Tests, Table 1**, that provides such information as ASME Code Examination Category, Total Examinations Required for the Inspection Interval, Total Examinations Required for this Period, Total Examinations Credited (%) for this Period, Total Examinations Credited (%) to Date for the Interval, and any remarks that may be applicable.
- b. **Items with Flaws or Relevant Conditions that Require Evaluation for Continued Service, Table 2**, that provides a listing of item(s) with flaws or relevant conditions that required evaluation to determine acceptability for continued service, whether or not the flaw or relevant condition was discovered during a scheduled examination or test, and provides such information as Examination Category, Examination Item Number, Item Description, Flaw Characterization (as required by IWA-3300), and whether the flaw or relevant condition was found during a scheduled Section XI examination or test.
- c. **Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service, Table 3**, which identify those items containing flaws or relevant conditions that exceeded the NMPNS defined or ASME Section XI acceptance criteria (IWE-3000) or in the case of supports IWF-3000 acceptance criteria; even though the discovery of the flaw or relevant condition that necessitated the repair, replacement or corrective measure, may not have resulted from an examination or test required by Section XI, and provides such information as Code Class, whether the item is a repair, replacement or corrective action, item description, description of work, if the flaw or relevant condition was found during a scheduled Section XI Examination or test, date completed and the repair replacement plan number.

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- d. **Owners' Report for Inaccessible Areas, Table 4**, as required by Code of Federal Regulations 10 CFR 50.55a(b)(x), provides such information as a description of the type and estimated extent of degradation, and condition that led to the degradation, description and results of the evaluations, and a description of the corrective actions.

Note: If acceptance criteria for a particular item is not specified in Section XI, the provisions of IWA-3100(b) may be used to determine which repairs, replacements, and corrective measures are required to be included in the abstract.

Although specifically not addressed in the ASME Code Case, NMPNS approximate submittal date will be ninety (90) days following the end of the each specific inspection period.



Nine Mile Point Nuclear Power Station Unit 1

**FIRST INSERVICE INSPECTION INTERVAL
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**FORM OAR-1
OWNER'S ACTIVITY REPORT**

As required by the provisions of the ASME Code Case N-532

Report Number NMP1-IWE-OAR-003-03

Owner Nine Mile Point Nuclear Station, P.O. Box 63, Lake Road, Lycoming, New York 13093
(Name and Address of Owner)

Plant Nine Mile Point Nuclear Station, P. O. Box 63, Lycoming, New York 13093
(Name and Address of Plant)

Plant Unit 1 Commercial Service Date December 26, 1969 Refueling Outage Number RFO-17

Current Inspection Interval First Inservice Inspection Interval - December 26, 1999 to December 25, 2009
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period Second Inservice Inspection Period - December 25, 2002 to December 26, 2006
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plan 1998 Edition, No Addenda

Date and Revision of Inspection Plan NMP1-IWE-003, Revision 2, Dated March 17, 2002

Edition and Addenda of ASME Section XI applicable to Repairs and Replacements, if different than the Inspection Plan N/A

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. N/A (If applicable) Expiration Date N/A

Signed Glenn R Perkins Date 4/23/03
(Principal Engineer - ASME Programs Group)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New York and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the items described in this Owner's Activity Report, during the period March 14, 2003 to April 23, 2003 and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Lynn O Anderson Commissions NB 8496
Inspector's Signature National Board, State, Province, and Endorsements

Date 4/28 2003

**FIRST INSERVICE INSPECTION INTERVAL
2003 CONTAINMENT INSPECTION
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TABLE 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRE EVALUATION FOR CONTINUED SERVICE
As required by the provisions of the ASME Code Case N-532

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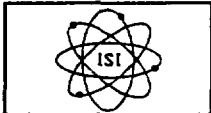
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TABLE 4
OWNER'S DATA REPORT FOR INACCESSIBLE AREAS
As required by the provisions of the Code of Federal Regulations 10 CFR 50.55a(b)(x)


1. Owner: Nine Mile Point Nuclear Station, LLC, P.O. Box 63, Lake Road, Lycoming, New York 13093
(Name and Address of Owner)

2. Plant: Nine Mile Point Nuclear Station, P.O. Box 63, Lycoming, New York 13093
(Name and Address of Plant)
 Plant Unit: 1 Commercial Service Date: December 26, 1969

3. Applicable ASME Section XI Code 1998 Edition, and NO Addenda
 For Class MC applications, NMPNS shall evaluate the acceptability of inaccessible areas when conditions exist in accessible areas that could indicate the presence of or result in degradation to such inaccessible areas. For each inaccessible area identified, NMPNS shall provide the following:
 4. Description of the type and estimated extent of degradation, and the conditions that led to the degradation;
 During scheduled General (G-VT) visual inservice examination (VT-3) of the drywell interior surface of the liner plate, at the 225 foot elevation, major corrosion (rust) was identified near and underneath the area coolers.
 The corrosion was observed over the entire 360 degree circumference of the liner plate, with varying degrees of oxidation (light, medium and course rust).

 5. An evaluation of each area, and the results of the evaluation;
 Detailed (D-VT) Visual examination (VT-1), was performed and found no unacceptable degradation in the visible areas of the dry well liner.
 Evaluation of the inaccessible areas (backside) of the drywell interior surface of the liner plate was performed using ultrasonic thickness measurements to determine any areas of degradation. All thickness measurements were determined to be in excess of material design thickness.

 6. Description of necessary corrective actions;
 No immediate corrective action was required, other than the steps taken above.

	Nine Mile Point Nuclear Power Station Unit 1	NMP1-IWE-OAR-003-03
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**End of Continment Inservice Inspection
Owner's Activity Report
For
Refueling Outage Seventeen (RFO-17)**