Indiana Michigan Power Company Cook Nuclear Plant 500 Circle Drive Buchanan, MI 49107 616-465-5901



March 22, 2001

C0301-04 10 CFR 50.55a

Docket No.: 50-315

U.S. Nuclear Regulatory Commission ATTN: Document Control Desk Mail Stop O-P1-17 Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Unit 1 NIS-1 REPORT FOR INSERVICE INSPECTION (ISI) ACTIVITIES

Attachment 1 to this letter contains a copy of the NIS-1 Report for ISI activities performed at Donald C. Cook Nuclear Plant Unit 1, State of Michigan, National Board Number 20761 (Mich. M-09672-M), located in Bridgman, Michigan. The plant is owned by Indiana Michigan Power Company, P.O. Box 60, Fort Wayne, IN, 46801.

The unit's commercial service date is August 23, 1975, and the Authorized Code Inspector is Mr. M. K. Muterspaugh, who is employed by Factory Mutual Insurance Company of Johnston, Rhode Island.

The examinations, tests, replacements, and repairs performed, conditions observed, and corrective measures taken are summarized in the attached report. ISI activities were performed in accordance with the rules and requirements of ASME Code Section XI, 1989, and 1992 Editions as applicable.

During the preparation of the report, documentation required to complete the NIS-2 forms for three components, 1-SV-45A, 1-SV-45B, and 1-SV-45C could not be located. The NIS-2 forms for these components will be submitted by September 30, 2001. Attachment 2 documents this commitment.

A047

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C0301-04

Should you have any questions, please contact Mr. Ronald Gaston, Manager of Regulatory Affairs at (616) 697-5020

-

Sincerely,

S. A. Greenlee Director of Design Engineering and Regulatory Affairs

/jen

Attachment

c: J. E. Dyer MDEQ - DW & RPD, w/o attachment NRC Resident Inspector R. Whale, w/o attachment

ATTACHMENT 1 TO C0301-04

NIS-1 REPORT FOR INSERVICE INSPECTION ACTIVITIES PERFORMED AT DONALD C. COOK NUCLEAR PLANT UNIT 1

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SUMMARY REPORT

FOR THE

DONALD C. COOK NUCLEAR PLANT

UNIT 1

1998 REFUELING OUTAGE

INDIANA MICHIGAN POWER COMPANY DONALD C. COOK NUCLEAR PLANT, UNIT 1, **BRIDGMAN MI.** COMMERCIAL SERVICE DATE August 23, 1975

Report for Inspection Period From April 28, 1997 to December 22, 2000

March 14, 2001

Prepared by: Roy Hall Program Coordinator) 'uet Reviewed by: Greg/Tucker

(ISI Supervisor)

Date: 3|14|0|Date: 3|14|0|

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INDIANA MICHIGAN POWER COMPANY DONALD C. COOK NUCLEAR PLANT, UNIT 1 BRIDGMAN MI. COMMERCIAL SERVICE DATE 8/23/1975

Report of Inservice Inspections From April 28, 1997 to December 22, 2000

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Section 2	NIS-1 Inservice Inspection Summary Report
Section 3	Abstract of Examinations, Results, and Corrective Actions for Class 1 and Class 2 Components
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Section 5	Snubber Tests
Section 6	Abstract of Examinations, Results, and Corrective Actions for ASME Section XI, Subsections IWE AND IWL
Section 7	Abstract of Examinations, Results and Corrective Actions for Steam Generator Eddy Current Examinations
Section 8	NIS-2 Repair and Replacement Reports Index
Section 9	NIS-2 Repair and Replacement Reports

INDIANA MICHIGAN POWER COMPANY DONALD C. COOK NUCLEAR PLANT, UNIT 1, BRIDGMAN MI. COMMERCIAL SERVICE DATE 8/23/1975

SECTION 1

INTRODUCTION

This report summarizes the Inservice Inspection activities performed at the Donald C. Cook Nuclear Plant, Unit 1, for the period of April 28, 1997 through December 22, 2000. This report addresses examinations and activities associated with the Third 10-Year Interval, First Inspection Period, Second Outage, Refueling Outage 1998 (RFO98). These activities were performed in accordance with the requirements of the ASME Boiler and Pressure Vessel Code, Section XI, Rules for Inservice Inspection of Nuclear Power Plant Components. As of July 1, 1996, the third ten-year inspection interval began and the applicable code of record for ISI activities then became the ASME Section XI, 1989 and 1992 Editions as applicable.

The purpose of this report is to satisfy the requirements of IWA-6000 for the submittal of an Inservice Inspection Summary Report at the completion of each refueling outage. Examination and tests conducted since the preceding summary report (April 27.1997) are included in this report. Repairs and replacements are also included in this report per the requirements of the 1989 Edition of ASME Section XI, IWA-6220.

Contents of this report have been reviewed and verified correct with supporting documentation available at the plant for review if required.

INDIANA MICHIGAN POWER COMPANY DONALD C. COOK NUCLEAR PLANT, UNIT 1 BRIDGMAN MI. COMMERCIAL SERVICE DATE 8/23/1975

SECTION 2

NIS-1 INSERVICE INSPECTION SUMMARY REPORT

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

- 1. Owner: Indiana Michigan Power Co., PO Box 60, Ft. Wayne, IN 46801 (Name and Address of Owners)
- 2. Plant: <u>Donald C. Cook Nuclear Plant, One Cook Place, Bridgman, MI 49106</u> (Name and Address of Plant)
- 3. Plant Unit: ONE
- 4. Owner Certification of Authorization (if required): N/A
- 5. Commercial Service Date: 8/23/1975
- 6. National Board Number for Unit: <u>1-20761 (Mich. M-09672-M)</u>

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial Number	State or Province Number	National Board Number
Boron Injection Tk	Strothers Wells Corp.	Spin No. AMP- SIATBI-01	-	13344
Containment	Graver	-	-	-
Pipe Hangers and Supports	Grinnel	-	-	-

8. Examination Dates 4/28/1997 To 12/22/2000

9. Inspection Period Identification: First

10. Inspection Interval Identification: Third

- 11. Applicable Edition of Section XI _____1989 & 1992 _____ Addenda N/A
- 12. Date/Revision of Inspection Plan: _____11/95 Rev. 0
- 13. Abstract of Examinations. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Sections 3, 4, 5, 6, and 7
- 14. Abstract of Results of Examinations and Tests.
- See Sections 3, 4, 5, 6 and 7
- 15. Abstract of Corrective Measures.

See Sections 3, 4, 5, 6, and 7

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by the ASME Code,

Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

2 of 2

Certificate of Authorization No. (if a	oplicable) <u>N/A</u>	_ Expiration Date <u>N/A</u>
Date 3 14 , 2001 Signed	oplicable) <u>N/A</u> Indiana Michigan Power C	O. By Roy E. Nall
	Owner	\Box

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 $\underline{M_{1CL(3GQ)}}$ and employed by \underline{FMTC} of $\underline{JohN3TON, RT}$ have inspected the components described in this Owner's Report during the period $\underline{4/38/97}$ to $\underline{12/22/2000}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

International Commissions Michigan 0055, Encloresements NST National Board, State, Province, and Endorsements Michael & Miter Date March 14 20 01

SECTION 3

ABSTRACT OF EXAMINATIONS, RESULTS, AND CORRECTIVE ACTIONS FOR CLASS 1 AND CLASS 2 COMPONENTS

Inservice examinations were performed during the period April 28, 1997 to December 22, 2000. This report addresses examinations and activities associated with the Third 10-Year Interval, First Inspection Period, Second Outage, Refueling Outage 98 (RFO98). All examinations were in accordance with the 1989 Edition and 1992 Edition as applicable. This Outage began as a Forced Outage in September of 1997. After some time it was decided to remove the fuel from the reactor. Only late in the ensuing three years was refueling of the reactor determined to be required. Therefore, there were no significant inservice inspections scheduled during this time. All remaining examinations have been deferred to the 2002 RFO.

Examinations were scheduled and performed according to the Third Ten-Year Long Term Inservice Examination Plan for Class 1, 2, and 3 Systems and Components for Donald C. Cook Nuclear Plant, Unit 1. This is the currently approved ISI examination plan that identifies specific activities to be performed on a refueling outage basis. During RFO98, one Code Class 2 ultrasonic examination was performed.

Nondestructive examinations were performed by Framatome Technologies Inc. (FTI) and Indiana Michigan Power (IMP) personnel in accordance with procedures approved for use at the Cook Nuclear Plant.

All findings were dispositioned acceptable. Examinations also recorded ten items with evidence of boric acid residue on bolted connections. All were evaluated and either repaired or found acceptable by evaluation according to Code Case N-533.

The summary pages in this section list the scheduled examinations and tests performed and the results. In the following summary pages, "NOREC" is No Recordable Indications, "GEOM" is Geometric Indications, and "OTHER" is indications other than geometric indications.

EXAMINATION SUMMARY RECORD

COOK NUCLEAR PLANT, UNIT 1

SUMMARY #: 300918

BORON INJECTION TANK MANWAY BOLTING SYSTEM/COMPONENT MANWAY BOLTING LINE/SUBASSEMBLY: 1-BIT-MWY-BOLTING IDENTIFICATION: G O E T Ν T RESOLUTION CALIBRATION NDE EXAM 0 NDE O H RECORD R REMARKS RECORD RECORD EXAM METHOD PROCEDURE NIA X 00053608 C0053608 ----98RF - FTI JO C0053608 UT 54-151-127-R-1 UT Prepared RENOO 03/12/2001 Date:

SECTION 4

ABSTRACT OF SYSTEM PRESSURE TESTS RESULTS

Inservice Inspection System Pressure Tests were performed during the period April 28, 1997 to December 22, 2000. These tests were performed in accordance with the requirements of ASME Section XI, 1989 and 1992 Editions, Articles IWA-5000, IWB-5000, IWD-5000 and Code Case N-533, as applicable.

Pressure tests for portions of systems identified below were performed during this outage. The remainder of the pressure tests for the period will be performed in conjunction with functional tests, inservice operation, and special procedures as applicable. No pressure boundary through wall leaks were identified.

Reactor Coolant System Safety Injection System Chemical Volume Control System Station Drainage Auxiliary Feedwater Main Steam Main Feedwater

INDIANA MICHIGAN POWER COMPANY COOK NUCLEAR PLANT, BRIDGMAN, MI. UNIT 1 COMMERCIAL SERVICE DATE 8/23/1975

SECTION 5

ABSTRACT OF SNUBBER EXAMINATION AND TEST RESULTS AND CORRECTIVE ACTIONS

Snubber examinations and functional testing were performed in conjunction with the maintenance procedures implemented to satisfy technical specification surveillance requirements. Provided is a summary of the as-found visual examinations and as-found functional test results.

Snubber Attachments, VT-3 Visual Examinations

Snubber No.	Exam Date	Job Order No.	Results
1-GRC-S519	11/11/00	R71789	Acceptable
1-GRC-S537	10/18/99	C51830-01	Acceptable
1-GRC-S538	11/11/00	R71789	Acceptable
1-GRC-S555	9/4/98	R56018	Acceptable
1-GRC-S562	10/11/99	C51830-02	Acceptable
1-GRC-S564	8/8/00	R9812	Acceptable
1-GRC-S566	10/5/99	C51830-03	Acceptable
1-GRC-S573	10/19/00	R9813	Acceptable
1-GRC-S575	10/7/99	C51830-05	Acceptable
1-GRC-S582	11/7/00	R96742	Acceptable
1-GRC-S587	10/30/00	R49779	Acceptable
1-GRC-S592	8/9/00	R14681	Acceptable
1-GRC-S594	11/11/00	R71789	Acceptable
1-GRC-S596	10/30/00	C55874	Acceptable
1-GRC-S598	11/16/00	R71789	Acceptable
1-GRC-S599	11/24/00	R71789	Acceptable
1-GRC-S604	11/11/00	R71789	Acceptable
1-GRC-S608	11/11/00	R71789	Acceptable
1-GRC-S614	11/6/00	R90094	Acceptable
1-AFW-S4023	10/8/99	C51819-01	Acceptable
1-AFW-S4024-L	10/18/99	C51819-02	Acceptable
1-AFW-S4024-U	10/18/99	C51819-03	Acceptable
1-AFW-S4021	11/11/00	R71866	Acceptable
1-AFW-S4028-L	10/2/99	C51819-05	Acceptable
1-AFW-S4028-U	10/3/99	C51819-06	Acceptable
1-AFW-S4027	10/2/99	C51819-04	Acceptable
1-AFW-S4025	11/24/00	R71866	Acceptable
1-AFW-S4031	10/1/99	C51819-07	Acceptable
1-AFW-S4032-L	9/30/99	C51819-08	Acceptable
1-AFW-S4032-U	9/29/99	C51819-09	Acceptable

INDIANA MICHIGAN POWER COMPANY COOK NUCLEAR PLANT, BRIDGMAN, MI. UNIT 1 COMMERCIAL SERVICE DATE 8-23-1975

Snubber Attachments, VT-3 Visual Examinations (continued)

Snubber No.	Exam Date	Job Order No.	Results
1-AFW-S4029	11/11/00	R71866	Acceptable
1-AFW-S4036-L	10/26/99	C51819-11	Acceptable
1-AFW-S4036-U	10/26/99	C51819-12	Acceptable
1-AFW-S4035	10/25/99	C51819-10	Acceptable
1-AFW-S4033	11/11/00	R71866	Acceptable
1-GCCW-S309	10/7/98	R50095	Acceptable
1-GCCW-S837	10/7/98	R50095	Acceptable
1-GCCW-S838	10/7/98	R50095	Acceptable
1-GCCW-S839	10/7/98	R50095	Acceptable
1-GBD-S573	8/7/98	R48897	Acceptable
1-GBD-S574	8/7/98	R48897	Acceptable
1-OME-3-1-HSD-3U	9/4/98	R14653	Acceptable
1-OME-3-1-HSD-3L	9/4/98	R14654	Acceptable
1-OME-3-1-HSD-1U	10/20/99	C51831-01	Acceptable
1-OME-3-1-HSD-1L	10/20/99	C51831-01	Acceptable
1-OME-3-2-HSD-3U	10/7/99	C51831-02	Acceptable
1-OME-3-2-HSD-3L	10/7/99	C51831-02	Acceptable
1-OME-3-2-HSD-1U	10/7/99	C51831-02	Acceptable
1-OME-3-2-HSD-1L	10/7/99	C51831-02	Acceptable
1-OME-3-3-HSD-3U	10/4/99	C51831-03	Acceptable
1-OME-3-3-HSD-3L	10/4/99	C51831-03	Acceptable
1-OME-3-3-HSD-1U	10/4/99	C51831-03	Acceptable
1-OME-3-3-HSD-1L	10/4/99	C51831-03	Acceptable
1-OME-3-4-HSD-3U	10/26/99	C51831-04	Acceptable
1-OME-3-4-HSD-3L	10/26/99	C51831-04	Acceptable
1-OME-3-4-HSD-1U	9/2/98	R85787	Acceptable
1-OME-3-4-HSD-1L	9/4/98	R86769	Acceptable

INDIANA MICHIGAN POWER COMPANY DONALD C. COOK NUCLEAR PLANT, UNIT 1 BRIDGMAN, MI. COMMERCIAL SERVICE DATE 8-23-1975

Snubber Functional Tests

Snubber No.	Test Date	Job Order No.	Results	Remarks
1-GRC-S555	9/2/98	R56018	Failed	1 st 14% sample
1-GBD-S574	9/12/98	R14691	Pass	1 st 14% sample
1-GRC-S614	11/3/98	R14682	Pass	1 st 14% sample
1-AFW-S4021	10/31/98	R14683	Pass	1 st 14% sample
1-AFW-S4027	10/9/98	R9792	Pass	1 st 14% sample
1-AFW-S4035	10/13/98	R14685	Pass	1 st 14% sample
1-GRC-S596	11/20/98	R86648	Pass	1 st 14% sample
1-OME-3-1-HSD-1L	9/12/00	R30680	Pass	1 st 14% sample
1-OME-3-1-HSD-1U	9/12/00	R36193	Pass	1 st 14% sample
1-OME-3-4-HSD-1U	9/11/00	R88713	Pass	1 st 14% sample
1-AFW-S4033	12/30/98	R86653	Pass	Expanded Sample
1-GBD-S573	12/17/98	R14690	Pass	Expanded Sample
1-GRC-S582	8/24/99	R14680	Pass	Expanded Sample
1-GRC-S564	7/14/00	R9812	Pass	Expanded Sample
1-GRC S592	8/9/00	R14681	Pass	Expanded Sample
1-GRC-S537	9/16/00	C51830-05	Pass	2 nd 14% Sample
1-GRC-S562	8/25/00	C51830-06	Pass	2 nd 14% Sample
1-GRC-S566	11/2/00	C51830-08	Pass	2 nd 14% Sample
1-GRC-S573	10/20/00	R9813	Pass	2 nd 14% Sample
1-AFW-S4024-L	9/6/00	C51819-15	Pass	2 nd 14% Sample
1-AFW-S4031	8/31/00	C51819-19	Pass	2 nd 14% Sample
1-AFW-S4032-L	8/31/00	C51819-21	Pass	2 nd 14% Sample
1-OME-3-4-HSD-1L	9/11/00	R88714	Pass	2 nd 14% Sample
1-OME-3-4-HSD-3U	9/14/00	R71656	Pass	2 nd 14% Sample
1-OME-3-4-HSD-3L	9/14/00	R21065	Pass	2 nd 14% Sample
1-GRC-S555	11/21/00	R88788	Pass	Test due to failure
1-GRC-S575	10/22/00	C51830-07	Pass	Non-Tech Spec test
1-GRC-S587	10/27/00	R49779	Pass	Non-Tech Spec test
1-GRC S594	10/27/00	C55874-01	Pass	Non-Tech Spec test
1-GRC-S614	11/4/00	R90094	Pass	Non-Tech Spec test
1-AFW-S4023	9/26/00	R102518	Pass	Non-Tech Spec test
1-AFW-S4024-U	5/29/00	C51819-15	Pass	Non-Tech Spec test
1-AFW-S4028-L	8/9/00	C51819-17	Pass	Non-Tech Spec test
1-AFW-S4028-U	10/19/00	C51819-18	Pass	Non-Tech Spec test
1-AFW-S4027	10/19/00	C56556-01	Pass	Non-Tech Spec test
1-AFW-S4032-U	8/31/00	C51819-21	Pass	Non-Tech Spec test
1-AFW-S4036-L	10/14/00	C51819-23	Pass	Non-Tech Spec test
1-AFW-S4036-U	10/14/00	C51819-24	Pass	Non-Tech Spec test
1-AFW-S4035	10/14/00	C51819-22	Pass	Non-Tech Spec test

The minimum 14% Technical Specification required sample size consists of 7 small bore (Grinnell) and 3 large bore (Steam Generator) snubbers.

INDIANA MICHIGAN POWER COMPANY DONALD C. COOK NUCLEAR PLANT, UNIT 1 BRIDGMAN MI. COMMERCIAL SERVICE DATE 8/23/1975

SECTION 6

ABSTRACT OF EXAMINATIONS, RESULTS, AND CORRECTIVE ACTIONS FOR ASME SECTION XI, SUBSECTIONS IWE AND IWL

During the reporting period of April 28, 1997 to December 22, 2000, inservice inspections were performed on the Unit 1 Containment pressure retaining structure in accordance with Subsections IWE and IWL of ASME Section XI, 1992 Edition and 1992 Addenda, and 10 CFR 50.55a.

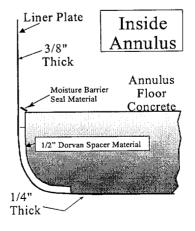
The following attachment provides a listing of the examinations performed, results, and corrective actions, if any were performed. A General Visual Examination was performed on all accessible surfaces of the Containment liner along with examinations performed in conjunction with coating repairs, and other repair/replacement activities.

An acceptance criteria providing the acceptable minimum thickness of the containment liner was established for the examination of the concrete-backed liner. The examination results were compared to the acceptance criteria. With the exception of the following, all results were within the established acceptance criteria and the areas did not require to be classified as an Augmented Examination area in accordance with IWE-1240.

LER 315/1998-011-03 (Unit 1): Liner Corrosion at the Elevation 598'-9 3/8" Concrete Floor-to-Liner Joint Seal (inaccessible area) NRC 0350 Issue No. 12

• Type of Degradation

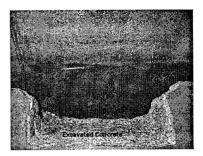
During replacement of sections of the Elevation 598'-9 3/8" concrete floor-to-liner joint seal, liner corrosion was found in the area of the joint seal when the seal material was removed. The corrosion existed for nearly the full length of the moisture barrier.



• Extent of Degradation

The entire joint seal material was removed to allow access to the liner plate for

examinations. Measurements of the corrosion depth was taken and compared to ultrasonic thickness measurements were taken in selected areas to determine remaining wall thickness. To determine the extent, concrete was excavated in areas where the corrosion was more severe. After excavation and examination of the liner, it was determined that the most severe corrosion was found in the area of the seal material.



The following are corrosion areas in Unit 1 that were noted to be greater than .125" in depth. Note¹: UT Avg.=(Average of UT Thickness readings)-(UT instrument uncertainty (.005"))

Area	Location	Meas. Below Grade	Depth	UT Plate	UT Avg. ¹ -
				Thk.	Depth
Concrete-Col. 1	77.75" from C. 1	3.25"	.141"	.401"/.397"	.253"
Concrete-Col. 1	80.6" from C. 1		.141"	.399"/.397"	.252"
Concrete-Col. 1	84.5" from C. 1	2.88"	.141"	.398"/.396"	.251"
Concrete-Col. 1	97.13" from C. 1	2.13"	.141"	.390"/.400"	.249"
Concrete-Col. 1	109" from C. 1	3.88"	.156"	.405"/.402"	.242"
Concrete-Col. 1	112.25" from C. 1	2.75"	.156"	.404"/.402"	.242"
Concrete-Col. 1	112" from C. 1	9.5"	.141"	.404"/.402"	.257"
Concrete-Col. 1	114.5" from C. 1		.141"	.396"/.406"	.255"
Col. 5-6	124.5" from C. 5	1.25"	.141"	.389"/.392"	.244"
Col. 7-8	49" from C .7	1"	.141"	.392"/.385"	.242"
Col. 7-8	75.25" from C. 7		.141"	.391"/.388"	.243"
Col. 10-11	25.4" from C.11	1.25"	.141"	.393"/.396"	.248"
Col. 10-11	26.5" from C.11	1.5"	.156"	.389"/.393"	.230"
Col. 10-11	28.5" from C.11	2.13"	.156"	.387"/.390"	.227"
Col. 10-11	54" from C. 11	3"	.141"	.400"/.396"	.252"
Col. 10-11	68.5" from C. 11	3.25"	.156"	.388"/.389"	.227"
Col. 10-11	74.75" from C. 11	2.25"	.141"	.386"/.387"	.240"
Col. 10-11	77.75" from C. 11	1.75"	.141"	.393"/.388"	.244"
Col. 10-11	78.5" from C. 11	2.5"	.141"	.386"/.389"	.241"
Col. 11-12	1.5" from C. 12	1.5"	.156"	.393"/.394"	.232"
Col. 12-13	.5" from C. 12	1.5"	.141"	.399"/.397"	.252"
Col. 12-13	4.5" from C. 12	1.5"	.141"	.397"/.397"	.251"
Col. 12-13	14.5" from C. 12	1.5"	.156"	.398"/.402"	.239"
Col. 12-13	22" from C. 12	2"	.156"	.401"/.399"	.239"
Col. 12-13	44" from C. 12		.141"	.402"/.403"	.256"
Col. 12-13	129.5" from C. 12		.141"	.385"/.389"	.241"
Col. 12-13	150" from C. 12	1.25"	.172"	.393"/.391"	.215"

3	of	4
9	ΟI	-

Area	Location	Meas. Below Grade	Depth	UT Plate Thk.	UT Avg. ¹ - Depth
Col. 13-14	12" from C. 13	1.25"	.156"	.399"/.396"	.236"
	12 from C. 13	1.25	.156"	.393"/.400"	.235"
Col. 13-14 Col. 13-14	13 Hom C. 13	1.25	.156"	.393"/.400"	.235"
Col. 13-14	14 from C. 13	1.13"	.156"	.390"/.398"	.233"
Col. 13-14	136" from C. 13	1.15	.156"	.386"/.383"	.223"
Col. 15-14	16.5" from C. 16	.75"	.141"	.389"/.407"	.252"
Col. 15-16	30" from C. 16	.75"	.156"	.405"/.407"	.245"
Col. 13-10	10.5" from C. 16	.25"	.156"	.411"/.405"	.247"
	12.5" from C. 16	.25	.156"	.406"/.406"	.245"
Col. 16-17	12.5 Iron C. 10	.25			
Col. 16-17	14" from C. 16	.25"	.141"	.406"/.406"	.260"
Col. 17-18	11" from C. 18	2.38"	.141"	.389"/.400"	.248"
Col. 17-18	32.5" from C. 18	2.5"	.141"	.393"/.395"	.248"
Col. 17-18	35" from C. 18	2.25"	.141"	.393"/.399"	.250"
Col. 17-18	45.25" from C. 18	2.75"	.156"	.398"/.393"	.234"
Col. 17-18	51.5" from C. 18	2"	.141"	.394"/.388"	.245"
Col. 17-18	51.75" from C. 18		.156"	.394"/.388"	.230"
Col. 18-19	67" from C. 18	.5"	.141"	.394"/.397"	.249"
Col. 18-19	67" from C. 18	2.88"	.156"	.394"/.397"	.234"
Col. 18-19	91.75" from C. 18	2.75"	.141"	.408"/.399"	.257"
Col. 19-20	44" from C. 20	2"	.141"	.399"/.394"	.250"
Col. 19-20	50.5" from C. 20	2"	.141"	.393"/.397"	.248"
Col. 19-20	51.5" from C. 20	1.63"	.141"	.397"/.397"	.251"
Col. 19-20	52.25" from C.20	2"	.141"	.397"/.397"	.251"
Col. 19-20	55" from C. 20		.156"	.386"/.397"	.230"
Col. 19-20	56" from C. 20 (3	1.63"	.141"	.394"/.400"	.251"
	pits)				
Col. 19-20	56" from C. 20		.172"	.394"/.400"	.220"
Col. 19-20	57" from C. 20		.156"	.395"/.396"	.234"
Col. 19-20	57" from C. 20	3.13"	.172"	.395"/.396"	.218"
Col. 19-20	83.5" from C. 20	.63"	.141"	.397"/.396"	.250"
Col. 23-24	17" from C. 23	1.25"	.156"	.380"/.388"	.223"
Col. 23-24	18.5" from C. 23	1.25"	.141"	.382"/.392"	.241"
Col. 26-27	15" from C. 26	.88"	.172"	.396"/.400"	.221"
Col. 26-27	40" from C. 26	1"	.141"	.381"/.391"	.240"
Col. 26-27	42.5" from C. 26	.75"	.141"	.391"/.395"	.247"

• Conditions That Led To The Degradation Deterioration of the seal material resulted in moisture penetrating the seal area causing a corrosive environment at the liner. The seal material was installed during construction approximately twenty-five years ago.

• Evaluation

The concrete excavations and the seal material removal allowed for an extensive investigation of the condition. A structural evaluation was performed to accept the remaining liner thickness. (See LER 315/1998-011-03).

• Corrective Actions

Since the remaining liner thickness was evaluated to be acceptable, repair of the liner was not required. The concrete floor-to-liner seal was replaced with a new improved design intended to keep water away from the liner.

In accordance with LER-98-011-03, periodic inspections will be performed on the moisture barrier including some moisture barrier excavation to examine the liner in the seal area for evidence of continuing corrosion.

• Areas Susceptible to Similar Degradation

The elevation 598'- 9 3/8" liner seal is unique in type, design, function, and service conditions. The seal, after installation in the construction phase, prevented any inspections or maintenance on the liner plate during operation of the plant.

INDIANA MICHIGAN POWER COMPANY DONALD C. COOK NUCLEAR PLANT, UNIT 1 BRIDGMAN MI. COMMERCIAL SERVICE DATE 8/23/1975

SECTION 7

ABSTRACT OF EXAMINATIONS, RESULTS AND CORRECTIVE ACTIONS FOR STEAM GENERATOR EDDY CURRENT EXAMINATIONS

During the 1998 RFO, all four of the Steam Generators were replaced. Preservice Eddy Current examinations were performed, but no inservice Eddy Current examinations were required due to the replacement.

INDIANA MICHIGAN POWER COMPANY DONALD C. COOK NUCLEAR PLANT, UNIT 1 BRIDGMAN MI. COMMERCIAL SERVICE DATE 8/23/1975

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SECTION 8

NIS-2 REPAIR AND REPLACEMENT INDEX

The Repair/Replacement documentation for the three components listed below was misplaced. All of the components received a VT-2 during Reactor Coolant System Full Pressure and Temperature Walkdown. Cook Nuclear Plant initiated Action Request A01061028 to track the retrieval and submittal of the documentation. The NIS-2s for these components will be submitted in an addendum to this report.

- 1. 1-SV-45A Job Order R0072608 06, 1-SV-45A RMV/RPLC VLV For Setpoint Testing (VT-2 Completed under R72394 01)
- 2. 1-SV-45B Job Order R0072609 06, 1-SV-45B RMV/RPLC VLV For Setpoint Testing (VT-2 Completed under R72394 01)
- 3. 1-SV-45C Job Order R0072610 06, 1-SV-45C RMV/RPLC VLV For Setpoint Testing (VT-2 Completed under R72394 01)

Repáirs and replacements Query

Status	CC	Job Order V	/ T-2	ISI	NIS-2	Description	Comments	Overall Stat
COMPL	2	00257009 01 C	Completed	None	Received	1-SI-183 REPAIR VALVE LEAK BY	VT-2 on 10/28/00	Completed
COMPL	2	00257017 03 N	lot Required	VT-3	Received	DCP-4724 ADD BELLEVILLE WASHERS 1-ASI-L49A/L43A		Completed
COMPL	2	00259006 01 N	lot Required	VT-3	Received	DCP-4789 MODIFY EXISTING SUPPORT 1-GMS-R829		Completed
COMPL	2	00259006 02 N	lot Required	VT-3	Received	DCP-4789 MODIFY EXISTING SUPPORT 1-GMS-R832		Completed
COMPL	1	00259059 01 C	Completed	None	Received	1-IMO-315, REPLACE VALVE STEM, IRREGULAR MACHINED	VT-2 on 11/29/00 Seal Weld removed and replaced.	Completed
COMPL	2	00273021 01 N	lot Required	None	Received	12-DCP-903 SEAL WELD 2" PIPE PLUGS UNIT 1 ANNULUS		Completed
COMPL	2	00291026 01 C	Completed	None	Received	1-SV-52, REPLACE VALVE, PERFORM PRESSURE TEST	VT-2 on 12/15/00	Completed
COMPL	2	00293050 01 N	lot Required	None	Received	1-LDCP-4863:INSTALL GAMMA PLUGS TO MAIN STEAM LINE		Completed
COMPL	2	00299024 01 N	lot Required	VT-3	Received	PERFORM WELD BUILDUP ON VARIOUS WELDS PER WR		Completed
COMPL	2	00299070 01 N	lot Required	VT-3	Received	PERFORM WELD BUILDUP ON VARIOUS WELDS PER WR		Completed
COMPL	2	00333077 01 N	lot Required	VT-3	Received	RESTORE 1-GSI-R38 TO DESIGN		Completed
COMPL	2	C0009272 01 N	lot Required	VT-3	Received	MM300 INSTALL GRINNELL CONFIG."A" KIT ON SNUBBER		Completed
COMPL	2	C0034027 03 N	lot Required	None	Received	1-IFI-310-V2, REPLACE STEM ASSEMBLY		Completed
COMPL	1	C0035767 01 N	lot Required	None	Received	INSTALL WELDED PLUG IN SG12 HOT LEG	Work by FTI	Completed
COMPL	2	C0040467 01 N	lot Required	VT-3	Received	DCP116 FAB/INSTALL U1 AUX BLD PIPE SUPPORTS		Completed
COMPL	2	C0040467 02 N	lot Required	VT-3	Received	DCP116 FAB/INSTALL U1 AUX BLD PIPE SUPPORTS		Completed
COMPL	2	C0040467 02 N	lot Required	VT-3	Received	DCP116 FAB/INSTALL U1 AUX BLD PIPE SUPPORTS		Completed
COMPL	2	C0040467 02 N	lot Required	VT-3	Received	DCP116 FAB/INSTALL U1 AUX BLD PIPE SUPPORTS		Completed
COMPL	2	C0040467 02 N	lot Required	VT-3	Received	DCP116 FAB/INSTALL U1 AUX BLD PIPE SUPPORTS		Completed
COMPL	2	C0040467 02 N	lot Required	VT-3	Received	DCP116 FAB/INSTALL U1 AUX BLD PIPE SUPPORTS		Completed
COMPL	2	C0040467 02 N	lot Required	VT-3	Received	DCP116 FAB/INSTALL U1 AUX BLD PIPE SUPPORTS		Completed
COMPL	2	C0040467 07 N	Not Required	VT-3 PT	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS		Completed
COMPL	2	C0040467 07 N	lot Required	VT-3 PT	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS		Completed
COMPL	2	C0040467 07 N	lot Required	VT-3 PT	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS		Completed
COMPL	2	C0040467 07 N	Not Required	VT-3 PT	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS		Completed

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Status CQ	ა Order	· VT-2	ISI	NIS-2	Description 3 - //	
COMPL 2		Not Required		Received	DCP116 MODIFY UI AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 08	Not Required	None	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 08	Not Required	None	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 09	Not Required	VT-3 PT	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 09	Not Required	VT-3 PT	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 09	Not Required	VT-3 PT	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 09	Not Required	VT-3 PT	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 09	Not Required	VT-3 PT	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 10	Not Required	VT-3	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 10	Not Required	VT-3	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 10	Not Required	VT-3	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 11	Not Required	VT-3	Received	DCP116 MODIFY UI AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 11	Not Required	VT-3	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 12	Not Required	VT-3	Received	DCP116 MODIFY UI AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 12	Not Required	VT-3	Received	DCP116 MODIFY UI AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 12	Not Required	VT-3	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 12	Not Required	VT-3	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 13	Not Required	VT-3	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 13	Not Required	VT-3	Received	DCP116 MODIFY UI AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 13	Not Required	VT-3	Received	DCP116 MODIFY UI AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 13	Not Required	VT-3	Received	DCP116 MODIFY UI AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 13	Not Required	VT-3	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 13	Not Required	VT-3	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 14	Not Required	VT-3	Received	DCP116 MODIFY UI AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 14	Not Required	VT-3	Received	DCP116 MODIFY UI AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 14	Not Required	VT-3	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 14	Not Required	VT-3	Received	DCP116 MODIFY UI AUX BLD LARGE BORE PIPE SUPPORTS	Completed
COMPL 2	C0040467 15	Not Required	None	Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS	Completed

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Status CO	• Order VT-2	ISI	NIS-2	Description	Comments 4 -//	¶ <u>all Stat</u>
Status CC COMPL 2	C0040467 15 Not Required		Received	DCP116 MODIFY UI AUX BLD LARGE BORE PIPE SUPPORTS	Comments	Completed
<u> </u>	C0040467 16 Not Required		Received	DCP116 MODIFY U1 AUX BLD LARGE BORE PIPE SUPPORTS		Completed
COMPL 2	C0040743 02 Completed	None	Received	1-DCR-310 DISASSEMBLE VALVE TO REPAIR BONNET LEAK	VT-2 on 4/25/97	Completed
	C0040743 11 Not Required		Received	1-DCR-310 DISASSEMBLE VALVE TO REPAIR BONNET LEAK		Completed
	C0040743 15 Completed	None	Received	1-DCR-310 WELD BUILDUP BODY OR VALVE REPLACEMENT	VT-2 on 12/26/00	Completed
			Received	1-MRV-223 DISASSEMBLE AND REPAIR LEAKBY		Completed
	C0040885 05 Not Required		Received	1-MRV-223 DISASSEMBLE AND REPAIR LEARBY		Completed
COMPL 2	C0040887 05 Not Required			1-GFW-L-113 INSTALL SHIM PER MDS-603 TO REDUCE GAP	· · · · · · · · · · · · · · · · · · ·	Completed
COMPL 2	•		Received	CE-96-0205 1-IRV-310 INSTALL HEAVY DUTY SEAL		Completed
COMPL 2	C0042141 02 Not Required		Received	· · · · · · · · · · · · · · · · · · ·		Completed
	C0042172 02 Not Required		Received	CE-96-0205 1-IRV-311 INSTALL HEAVY DUTY SEAL	·····	<u> </u>
COMPL 2	C0042178 02 Not Require		Received	1-IRV-320, INSTALL HEAVY DUTY SEAL, EE-99-0115		Completed
COMPL 2	· · · · · · · · · · · · · · · · · · ·		Received	1-CS-440-3 DISASSEMBLE & REPAIR LEAKBY		Completed
COMPL 1	C0042256 05 Completed	VT-1/3	Received	SEAL WELD BODY/BONNET LEAK AT 1-CS-329-L1	VT-2 under R72394 01	Completed
COMPL 1	C0042256 07 Not Require	l None	Received	1-CS-329-L1 FABRICATE NEW COVER STUDS		Completed
COMPL 1	C0042256 23 Not Require	d None	Received	1-CS-328-L1 FABRICATE NEW COVER STUDS		Completed
COMPL 1	C0042425 03 Completed	None	Received	1-RC-112-L3 REPACK VALVE & REPAIR LOOSE HANDLE	VT-2 under R72394 01	Completed
COMPL 2	C0042480 01 Completed	None	Received	DCP853 INSTALL PIPING AND SUPPORTS UP TO TIE-INS	VT-2 on 10/17/97	Completed
COMPL 2	C0042480 01 Not Require	1 VT-3	Received	DCP853 INSTALL PIPING AND SUPPORTS UP TO TIE-INS		Completed
COMPL 2	C0042480 01 Not Require	1 VT-3	Received	DCP853 INSTALL PIPING AND SUPPORTS UP TO TIE-INS		Completed
COMPL 2	C0042537 02 Not Require	1 VT-3	Received	INSTALL SHIM PACK ON S.G. #1		Completed
COMPL 1	C0042731 01 Not Require	1 VT-3	Received	MM300 INSTALL GRINNELL CONFIG."A" KIT (1-GRC-8555)		Completed
COMPL 2	C0042738 01 Not Require	d VT-3	Received	MM300 INSTALL GRINNELL CONFIG."A" KIT (1-GBD-S569)		Completed
COMPL 2	C0043213 01 Not Require	d None	Received	1-CTS-105W DISASSEMBLE/INSPECT/REPAIR LEAKBY		Completed
COMPL 2	C0043767 01 Not Require	d None	Received	DCP127 FAB U1 AUX BLD PIPE SUPPORTS		Completed
COMPL 2	C0043767 01 Not Require	d None	Received	DCP127 FAB U1 AUX BLD PIPE SUPPORTS		Completed
COMPL 2	C0044134 01 Not Require	d VT-3	Received	1- ASI-L-49A REPLACE MISSING NUT, REASSEMBLE HGR.	······	Completed
COMPL 2	C0044212 09 Not Require	d None	Received	1-IFX-210-OR / REINSTALL SPOOL PIECE		Completed
COMPL 2	C0044389 14 Not Require	d None	Received	DCP896 INSTALL SAFETY RELATED GLYCOL SUPPORTS		Completed
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Status CQ	b Order VT-2	ISI	NIS-2	Description	Comments	<u>all Stat</u>
COMPL 2	C0044389 14 Not Require	d None	Received	DCP896 INSTALL SAFETY RELATED GLYCOL SUPPORTS		Completed
COMPL 2	C0044418 01 Not Require	d None	Received	1-ASI-L-43A REPAIR BROKEN WELDS ON SUPPORT		Completed
COMPL 2	C0045405 06 Completed	None	Received	DCP903 INSTALL PIPETS AND DRILL HOLES	VT-2 Exam performed under C45405-34 11/29/00	Completed
COMPL 2	C0045405 28 Completed	None	Received	DCP-903 REINSTALL NOZZLES AND THREADED PLUGS	VT-2 Exam performed under C45405-34 11/29/00	Completed
COMPL 2	C0045442 03 Not Require	d None	Received	1-HE-18W INSTALL TUBESIDE WATERBOX COVER		Completed
COMPL 2	C0045627 13 Not Require	d None	Received	DISASSEMBLE, INSPECT, REASSEMBLE PUMP		Completed
COMPL 1	C0045766 02 Completed	None	Received	1-NFA-230-OR REPLACE FLANGE GASKETS	VT-2 under R72394 01	Completed
COMPL 1	C0045766 13 Completed	None	Received	REPLACE FLANGE GASKET	VT-2 under R72394 01	Completed
COMPL 2	C0045801 09 Completed	None	Received	DCP-239 ROTATE 1-HE-18W TO FINAL POSITION AND SET	VT-2 on 12/2/00	Completed
COMPL 2	C0045801 11 Not Require	d VT-3	Received	DCP-239 REINSTALL LATERAL GUIDES (BELLY BANDS)		Completed
COMPL 2	C0045801 12 Completed	None	Received	DCP-239 WELD ESW NOZZLES	VT-2 on 12/2/00	Completed
COMPL 2	C0045801 13 Completed	None	Received	DCP-239 WELD CTS NOZZLES	VT-2 on 12/2/00	Completed
COMPL 2	C0045801 15 Completed	None	Received	DCP-239 REINSTALL RELIEF VALVE AND PIPING	VT-2 on 12/2/00	Completed
COMPL 2	C0045801 32 Completed	None	Received	DCP-239 - REPLACE THERMOWELL FOR INST 1-ITI-220	VT-2 on 12/2/00	Completed
COMPL 2	C0045803 03 Not Require	d None	Received	REMOVE BOAT SAMPLES		Completed
COMPL 2	C0045803 05 Not Require	d None	Received	WELD EXCAVATED REGIONS ON MAIN STEAM PIPE.		Completed
COMPL 2	C0045848 06 Completed	None	Received	MANAGE CONTRACTOR FOR WELDING ACTIVITIES	VT-2 on 12/15/00	Completed
COMPL 2	C0045848 30 Not Require	d None	Received	APPLY EXTERNAL REINFORCEMENT @ EXISTING WELD JOIN		Completed
COMPL 2	C0045855 01 Completed	None	Received	1-CTS-103E REPLACE VALVE BY WELDING	VT-2 on 11/8/00	Completed
COMPL 2	C0045855 07 Not Require	d None	Received	1-CTS-103E MACHINE VALVE BONNET		Completed
COMPL 2	C0046046 01 Not Require	d None	Received	1-CS-308S DISASSEMBLE/REPAIR VALVE AND REACHROD		Completed
COMPL 2	C0046088 01 Not Require	đ None	Received	1-RH-128E, REPAIR LEAKBY/-BONNET LEAK/HARD OPERATE		Completed
COMPL 2	C0047262 01 Not Require	d PT	Received	12-DCP-265 FAB PIPE SUB ASSEMBLIES - EAST TRAIN	Pre-installation fabrication only.	Completed
COMPL 2	C0047300 03 Completed	РТ	Received	DCP-265 INSTALL CTS FULL FLOW TEST PIPE / VALVES	UT - Unit 1 JOA is C47300-28 VT-2 on 11/8/00	Completed
COMPL 2	C0047300 06 Completed	РТ	Received	DCP-265 INSTALL NEW TEST LOOP VALVES (EAST PP ROOM)	UT - Unit 1 JOA is C47300-28 VT-2 on 11/8/00	Completed
COMPL 2	C0047300 30 Completed	None	Received	DCP-265 INSTALL ORIFACE	VT-2 on 11/8/00	Completed
COMPL 2	C0047301 03 Completed	PT	Received	DCP-265 INSTALL CTS FULL FLOW TEST PIPE / VALVES	UT - Unit 1 JOA is C47300-28 VT-2 on 11/9/00	Completed
COMPL 2	C0047301 06 Completed	PT	Received	DCP-265 INSTALL NEW TEST LOOP VALVES (WEST PUMP RM)	UT - Unit 1 JOA is C47300-28 VT-2 on 11/9/00	Completed
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Status	<u>cq</u>) Order	VT-2	ISI	NIS-2	Description		Comments	<u>all Stat</u>
COMPL	2	C0047342 01	Not Required	None	Received	1-QRV-251, REPAIR VALVE LE	AKBY		Completed
COMPL	1	C0047437 05	Not Required	None	Received	1-NFA-220-OR, INSPECT & TIGI	HTEN OR REPLACE BOLTING		Completed
COMPL	2	C0047445 02	Not Required	None	Received	1-QRV-200 DISASSEMBLE/INSI	PECT FOR SEAT DAMAGE		Completed
COMPL	2	C0047767 01	Not Required	None	Received	1-TK-84, REPLACE MANWAY	GASKET/BOLTING AND CLOSE		Completed
COMPL	2	C0047908 03	Not Required	None	Received	REMOVE ORIFICE & INSTALL	BLANK PER T/M 12-99-02	Is a traveler needed?	Completed
COMPL	2	C0048064 07	Not Required	None	Received	INSTALL CHANNEL HEAD			Completed
COMPL	2	C0048713 04	Completed	UT PT	Received	DCP-622 REPLACE VALVE 1-C	S-534	VT-2 on 2/22/00	Completed
COMPL	2	C0048716 04	Completed	UT PT	Received	DCP-622 REPLACE VALVE 1-C	S-535	VT-2 on 2/22/00	Completed
COMPL	2	C0048716 15	Not Required	UT PT	Received	DCP-622 EXCAVATE/REWELD	PIPE TO CORRECT ALIGNMENT		Completed
COMPL	2	C0048717 04	Completed	UT PT	Received	DCP-622 REPLACE VALVE 1-C	S-536	VT-2 on 2/22/00	Completed
COMPL	2	C0048910 01	Completed	None	Received	1-SI-120N DISASSEMBLE AND	RERPAIR LEAK BY		Completed
COMPL	2	C0050418 03	Not Required	None	Received	REPLACE FLANGE GASKETS/E	BOLTING 1-CTS-21		Completed
COMPL	2	C0050418 04	Not Required	None	Received	REPLACE FLANGE GASKETS/E	SOLTING 1-CTS-22		Completed
COMPL	2	C0050418 05	Not Required	None	Received	REPLACE FLANGE GASKETS/E	BOLTING 1-CTS-23		Completed
COMPL	2	C0050418 06	Not Required	None	Received	REPLACE FLANGE GASKETS/E	BOLTING 1-CTS-24		Completed
COMPL	2	C0051584	Completed	None	Received	SGRP Containment Spray Piping I	Removal and Reinstallation		Completed
COMPL	1	C0051830 08	Not Required	VT-3	Received	1-GRC-S566: PERFORM FUNCT	IONAL TEST AND REINSTALL		Completed
COMPL	2	C0052690 02	Not Required	None	Received	1-OME-3-1 MACHINE STEAM I	OOME MANWAY COVERS #11 S/		Completed
COMPL	2	C0052693 02	Not Required	None	Received	1-OME-3-4 MACHINE STEAM I	DOME MANWAY COVERS #14 S/	See C0052697	Completed
COMPL	2	C0052694	Completed	See Matrix	Received	REMOVE / REINSTALL SECON	DARY SIDE PIPING S/G #1	Feedwater UT C52550 02 Main Steam UT C5255	Completed
COMPL	2	C0052695	Completed	See Matrix	Received	REMOVE / REINSTALL SECON	DARY SIDE PIPING S/G #2	UT not required	Completed
COMPL	2	C0052696	Completed	See Matrix	Received	REMOVE / REINSTALL SECON	DARY SIDE PIPING S/G #3	UT not required	Completed
COMPL	2	C0052696 08	Not Required	None	Received	DCP-305 MACHINE STUDS F/"	Y-2" PER: FCN-305-R1-02		Completed
COMPL	2	C0052697	Completed	See Matrix	Received	REMOVE / REINSTALL SECON	DARY SIDE PIPING S/G #4	UT not required	Completed
COMPL	1	C0053315	Completed	See Matrix	Received	REMOVE / REINSTALL RCS PI	PING FOR S/G #1	VT-2 under R72394 01	Completed
COMPL	1	C0053316	Completed	See Matrix	Received	REMOVE / REINSTALL RCS PI	PING FOR S/G #2	VT-2 under R72394 01	Completed
COMPL	1	C0053317	Completed	See Matrix	Received	REMOVE / REINSTALL RCS PI	PING FOR S/G #3	VT-2 under R72394 01	Completed
COMPL	1	C0053318	Completed	See Matrix	Received	REMOVE / REINSTALL RCS PI	PING FOR S/G #4	VT-2 under R72394 01	Completed

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Status CQ	b Order	VT-2	ISI	NIS-2	Description	<u></u>	Comments / · · /	
COMPL 2	C0054335 05	Not Required	None	Received	1-PP-35E DISASSEMBLE PUMP	TO SUPPORT MOTOR REFURB		Completed
COMPL 2	C0054654 01	Not Required	None	Received	1-OME-3-2 MACHINE STEAM D	OME MANWAY COVERS #12 S/		Completed
COMPL 2	C0054655 01	Not Required	None	Received	1-OME-3-3 MACHINE STEAM D	OME MANWAY COVERS #13 S/		Completed
COMPL 2	C0055051 01	Completed	None	Received	1DCP4540 REMOVE ISO PROBE	S PER BECHTEL WPIR	VT-2 under C0052694-52697	Completed
COMPL 2	C0055997 01	Not Required	VT-3	Received	CORRECT SUPPORT THREAD I	ENGAGEMENT		Completed
COMPL 2	C0056078 01	Not Required	VT-3	Received	REPAIR SUPPORT FOR THREAD	D ENGAGEMENT ISSUE		Completed
COMPL 2	C0056271 01	Not Required	None	Received	1-STN-36N REMOVE HOT SPOT	& CORRECT THRD ENGAGMEN		Completed
COMPL 2	C0056340 02	Not Required	None	Received	1-IRV-300, REPAIR LEAKBY / B	ENCHSET ACTUATOR		Completed
COMPL 2	C0056397 01	Completed	None	Received	1-CS-577, REPLACE BONNET A	SSEMBLY PER EE-2000-002	VT-2 on 11/9/00	Completed
COMPL 1	C0056556 01	Not Required	VT-3	Received	EE-2000-0224 REPLACE SNUBB	ER WITH A CONFIG."A" KIT		Completed
COMPL 2	C0056600 01	Not Required	None	Received	REPAIR UNDERSIZED WELD O	N CTS LO SUPPLY LINE		Completed
COMPL 2	C0056606 01	Not Required	VT-3	Received	1-GCTS-V-524 CORRECT THRE	AD ENGAGEMENT ON CLAMP		Completed
COMPL 2	C0057197 03	Not Required	None	Received	1-ICM-321/MECH CM/SEAT LEA	KBY & DISC INSPECTION		Completed
COMPL 2	C0057214 03	Not Required	None	Received	1-IMO-256/DISASSEMBLE & RE	PAIR SEAT LEAKAGE		Completed
COMPL 2	C0057231 03	Not Required	None	Received	1-IMO-331/REPLACE BONNET	GASKET AND REPACK	One NIS-2 needed for this or C206190 not both.	Completed
COMPL 2	C0057232 03	Not Required	None	Received	1-IMO-340 DISASSEMBLE REPA	AIR B/B LEAK & REPACK		Completed
COMPL 2	C0130577 01	Not Required	None	Received	LDCP-274 FAB/INSTALL NEW S	UPPORT AT 1-FFI-240		Completed
COMPL 2	C0184356 01	Not Required	None	Received	1-QRV-251, REPLACE VALVE S	TEM, WRONG MATERIAL		Completed
COMPL 2	C0203301 02	Not Required	None	Received	1-TK-85, REPLACE MANWAY S	TUDS/NUTS AND CLOSE		Completed
COMPL 1	C0203602 13	Completed	None	Received	1-DCP-535 INSTALL VALVE & (DRIFICE FOR SI-141-L1	VT-2 under act 24 on 12/15/00	Completed
COMPL 1	C0203602 14	Completed	None	Received	1-DCP-535 INSTALL VALVE & (DRIFICE FOR SI-141-L2	VT-2 under act 25 on 12/15/00	Completed
COMPL 1	C0203602 15	Completed	None	Received	1-DCP-535 INSTALL VALVE & (DRIFICE FOR SI-141-L3	VT-2 under act 26 on 12/15/00	Completed
COMPL 1	C0203602 16	Completed	None	Received	1-DCP-535 INSTALL VALVE & C	DRIFICE FOR SI-141-L4	VT-2 under act 27 on 12/15/00	Completed
COMPL 1	C0203602 17	Completed	None	Received	1-DCP-535 INSTALL VALVE & (DRIFICE FOR SI-121-N	VT-2 under act 28 on 12/15/00	Completed
COMPL 1	C0203602 18	Completed	None	Received	1-DCP-535 INSTALL VALVE & C	DRIFICE FOR SI-121-S	VT-2 under act 29 on 12/15/00	Completed
COMPL 1	C0203602 30	Not Required	VT-3	Recieved	1-DCP-535 INSTALL PIPE SUPPO	ORTS/FABBED PER ACT. 29		Completed
COMPL 2	C0203602 36	Completed	None	Received	1-DCP-535 INSTL ORIFICE PLAT	TE (1-IFI-260)	VT-2 under act 48 on 10/24/00	Completed
COMPL 2	C0203602 37	Completed	None	Received	INSTALL TRIMMING ORIFICES	1-IFI-266	VT-2 under act 49 on 10/24/00	Completed

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<u>Status_CQ</u>	<u>order VT-2</u>	ISI	NIS-2	Description	Comments	
COMPL 2	C0203602 38 Not Required	None	Received	1-DCP-535 REMV./INSTALL TRANSMITTER /1-IFI-260		Completed
COMPL 2	C0203602 39 Not Required	None	Received	1-DCP-535 REMV./INSTALL TRANSMITTER /1-IFI-266		Completed
COMPL 2	C0204675 03 Completed	None	Received	1-DCP-678 DEMO OLD PIPE AND INSTALL NEW		Completed
COMPL 2	C0204675 04 Not Required	l None	Received	1-DCP-678 FAB & INSTALL TANK/NOZZEL REINFORCE		Completed
COMPL 2	C0204675 05 Not Required	l None	Received	1-DCP-678 DEMO OLD AND INSTALL NEW SUPPORTS		Completed
COMPL 2	C0205318 02 Not Required	l None	Received	1-SV-1A-2 REMOVE/INSTALL VALVE		Completed
COMPL 2	C0205328 02 Not Required	I None	Received	1-SV-1B-1 REMOVE/INSTALL VALVE		Completed
COMPL 2	C0205329 02 Not Required	l None	Received	1-SV-1B-2 REMOVE/INSTALL VALVE		Completed
COMPL 2	C0205333 02 Not Required	l None	Received	1-SV-2A-1 REMOVE/INSTALL VALVE	Bolting replacement	Completed
COMPL 2	C0205335 02 Not Required	i None	Received	1-SV-2A-3 REMOVE/INSTALL VALVE	Bolting replacement	Completed
COMPL 2	C0205339 02 Not Required	i None	Received	1-SV-2B-1 REMOVE/INSTALL FOR OFFSITE TESTING		Completed
COMPL 2	C0205363 05 Not Required	None	Received	1-LDCP-4668 DISASSEMBLE, REASSEMBLE 1-CTS-106		Completed
COMPL 2	C0205381 01 Not Required	l None	Received	1-SI-110S, DISASSEMBLE/INSPECT (86-03) AND REPAIR		Completed
COMPL 2	C0205388 01 Completed	None	Received	1-CCW-142, REMOVE/INSPECT (86-03) REPAIR/REPLACE	VT-2 on 11/5/00	Completed
COMPL 1	C0205594 01 Not Required	1 VT-3	Received	1-GRC-S564: REPLACE SNUBBER PIPE SUPPORT		Completed
COMPL 1	C0205596 01 Not Required	i VT-3	Received	1-GRC-S562: REPLACE SNUBBER PIPE SUPPORT CLAMP		Completed
COMPL 2	C0205796 01 Completed	None	Received	1-DCP-425 INSTALL VLV 1-FW-261 IN WMDAFP RM	VT-2 on 10/19/00 Adds new valve to program	Completed
COMPL 2	C0205801 01 Completed	None	Received	1-DCP-425 INSTALL MAN OP. VLV 1-FW-262 (EMDAFP)	VT-2 on 10/11/00 Adds new valve to program	Completed
COMPL 2	C0205802 01 Completed	None	Received	1-DCP-425 INSTALL MAN OP. VLV 1-FW-263 (TDAFP)	Adds new valve to program VT-2 on 12/15/00	Completed
COMPL 2	C0205878 01 Not Required	i None	Received	DCP 163 FAB/INSTALL SUPPORT 1-ACTS-R4000		Completed
COMPL 2	C0205878 04 Not Required	l None	Received	DCP 163 FAB/INSTALL SUPPORT 1-ACTS-R4007		Completed
COMPL 2	C0205967 11 Not Required	1 VT-3	Received	DCP163 FAB/INSTALL 1-ASI-R4002		Completed
COMPL 2	C0205967 12 Not Required	1 VT-3	Received	DCP163 FAB/INSTALL 1-ASI-R4003		Completed
COMPL 2	C0205967 13 Not Required	1 VT-3	Received	DCP163 FAB/INSTALL 1-ASI-R4004		Completed
COMPL 2	C0205967 14 Not Required	1 VT-3	Received	DCP163 FAB/INSTALL 1-ASI-R4005		Completed
COMPL 2	C0205967 15 Not Required	1 VT-3	Received	DCP163 FAB/INSTALL 1-GSI-R21		Completed
COMPL 2	C0205967 18 Not Required	1 VT-3	Received	DCP163 MODIFY SUPPORT 1-GSI-R-139		Completed
COMPL 2	C0205967 19 Not Required	1 VT-3	Received	DCP 163 MODIFY SUPPORT 1-GSI-R42		Completed

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Status CQ	D Order VT-2	ISI	NIS-2	Description	Comments 7 V1	<u>('all Stat</u>
COMPL 2	C0205967 20 Not Required	VT-3	Received	DCP 163 MODIFY SUPPORT 1-GSI-R44		Completed
COMPL 2	C0205967 21 Not Required	VT-3	Received	DCP 163 MODIFY SUPPORT 1-GSI-R48		Completed
COMPL 2	C0205967 22 Not Required	VT-3	Received	DCP 163 MODIFY SUPPORT 1-GSI-R50		Completed
COMPL 2	C0205967 23 Not Required	VT-3	Received	DCP163 MODIFY SUPPORT 1-GSI-R805		Completed
COMPL 2	C0205967 24 Not Required	None	Received	DCP 163 INSTALL REINFORCING COLLAR ON 1-SI-1		Completed
COMPL 2	C0205967 25 Not Required	l None	Reveived	DCP 163 INSTALL REINFORCING COLLAR ON 1-SI-3		Completed
COMPL 2	C0205968 01 Not Required	I VT-3	Received	DCP163 FAB/INSTALL 1-ARH-R-4003		Completed
COMPL 2	C0205968 02 Not Required	I VT-3	Received	DCP163 FAB/INSTALL 1-ARH-R-4004		Completed
COMPL 2	C0205968 03 Not Required	I VT-3	Received	DCP163 FAB/INSTALL 1-ARH-R-4005		Completed
COMPL 2	C0205968 04 Not Required	I VT-3	Received	DCP163 FAB/INSTALL 1-ARH-R-4006		Completed
COMPL 2	C0205968 05 Not Required	l VT-3	Received	DCP163 FAB/INSTALL 1-ARH-R-4007		Completed
COMPL 2	C0205968 09 Not Required	I VT-3	Received	DCP163 FAB/INSTALL 1-ARH-R-4008		Completed
COMPL 2	C0205968 10 Not Required	I VT-3	Received	DCP163 FAB/INSTALL 1-GRH-V40		Completed
COMPL 2	C0205968 11 Not Required	1 VT-3	Received	DCP163 FAB/INSTALL 1-GRH-R41		Completed
COMPL 2	C0205968 12 Not Required	l None	Received	DCP-163 MODIFY SUPPORT 1-GRH-R28		Completed
COMPL 2	C0205968 13 Not Required	I VT-3	Received	DCP-163 FAB/INSTALL SUPPORT 1-ARH-R4009		Completed
COMPL 2	C0205968 14 Not Required	I VT-3	Received	DCP-163 FAB/INSTALL SUPPORT 1-ARH-R4010		Completed
COMPL 2	C0205968 15 Not Required	I VT-3	Received	DCP-163 MODIFY SUPPORT 1-ARH-R4011		Completed
COMPL 2	C0206081 02 Completed	None	Received	1-IMO-910/DCP-4695/REPLACE STEM/DISC/YOKE/BONNET	VT-2 on 10/6/00	Completed
COMPL 2	C0206081 06 Completed	None	Received	1-IMO-910 REPLACE DISC	VT-2 on 10/6/00	Completed
COMPL 2	C0206082 01 Completed	None	Received	1-IMO-911/DCP-4695/ REPLACE STEM/DISC/YOKE/BONNET	VT-2 on 10/6/00	Completed
COMPL 2	C0206082 04 Completed	None	Received	DCP-4695 1-IMO-911, MACHINE REPLACEMENT DISC	VT-2 on 10/6/00	Completed
COMPL 2	C0206188 02 Not Required	I None	Received	DCP-4705 1-IMO-330 DRILL DISC, MACHINE STEM		Completed
COMPL 2	C0206190 02 Not Required	l None	Received	1-IMO-331/DCP-4705/DRILL DISC / MACH.STEM		Completed
COMPL 2	C0206385 02 Completed	None	Received	DCP-4705, 1-IMO-261 REPLACE STEM, DISC, YOKE, BONNET	VT-2 on 10/17/00	Completed
COMPL 2	C0206385 09 Completed	None	Received	DCP-4705: 1-IMO-261, MACHINE REPLACEMENT WEDGE	VT-2 on 10/17/00	Completed
COMPL 2	C0206585 01 Completed	None	Received	DCP-4700 REMOVE/INSTALL VALVE 1-MCM-221	VT-2 on 12/14/00	Completed
COMPL 2	C0206587 01 Completed	None	Received	DCP-4700 REMOVE/INSTALL VALVE 1-MCM-231	VT-2 on 12/15/00	Completed
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<u>Status Co</u>	<u>ל Order VT-2</u>		ISI	NIS-2	Description		Comments	<u>(rall Stat</u>
COMPL 2	C0207062 01 Comple	eted	None	Received	1-DCP-4691 REPLACE EXIST	ING VALVE 1-CCM-453	VT-2 on 11/5/00	Completed
COMPL 2	C0207066 02 Comple	eted	None	Received	DCP-4691 REPLACE EXISTIN	IG VALVE (1-CCM-454)	VT-2 on 11/5/00	Completed
COMPL 2	C0207067 01 Comple	eted	None	Received	1-DCP-4691 REPLACE VALV	E 1-CCM-458	VT-2 on 11/5/00	Completed
COMPL 1	R0009812 01 Not Re	quired	VT-3	Received	1-GRC-S564, REMOVE, FUNC	CTIONAL TEST AND INSTALL		Completed
COMPL 1	R0009813 01 Not Re	quired	VT-3	Received	1-GRC-S573, REMOVE, FUNC	CTIONAL TEST AND REINSTALL		Completed
COMPL 1	R0014679 01 Not Re	quired	VT-3	Received	1-GRC-S562, FUNCTIONAL T	EST AND INSTALL SNUBBER		Completed
COMPL 1	R0014680 01 Not Re	quired	VT-3	Received	1-GRC-S582, REMOVE, FUNC	CTIONAL TEST, REINSTALL		Completed
COMPL 2	R0014683 01 Not Re	quired	VT-3	Received	1-AFW-S4021, REMOVE, FUN	ICTIONAL TEST AND REINSTALL		Completed
COMPL 2	R0014690 01 Not Re	quired	VT-3	Received	1-GBD-S573, REMOVE, FUNG	CTIONAL TEST, REINSTALL	Timmons says not required	Completed
COMPL 2	R0015536 04 Comple	eted	None	Received	CUT/REWELDING PIPING/TU	JBING TO 1-PP-50E	VT-2 on 8/24/00	Completed
COMPL 2	R0015536 10 Comple	eted	None	Received	CUT/REWELDING PIPING/TU	JBING TO 1-PP-50E	VT-2 on 8/24/00	Completed
COMPL 1	R0036169 02 Comple	eted	None	Received	1-QRV-51 REFURBISH VALV	'E AND ACTUATOR		Completed
COMPL 2	R0036175 02 Not Re	quired	None	Received	DISASSEMBLE VALVE & AC	TUATOR, REPLACE PARTS AS RE		Completed
COMPL 2	R0036176 02 Not Re	quired	None	Received	DISASSEMBLE VALVE & AC	TUATOR, REPLACE PARTS AS RE		Completed
COMPL 2	R0036677 11 Not Re	quired	None	Received	1-MRV-220, DISASSEMBLE/	NSPECT/REASSEMBLE VALVE		Completed
COMPL 2	R0036677 13 Comple	eted	None	Received	1-MRV-220, CONNECT STEA	M VENT PIPE	VT-2 on 12/15/00	Completed
COMPL 2	R0037666 03 Not Re	quired	None	Received	1-SV-51, REPLACE DISC ANI	DNOZZLE		Completed
COMPL 2	R0051576 01 Not Re	quired	None	Received	1-SV-52, PERFORM SET POI	NT TEST COMPONENT	Valve leaked and was replaced under 00291026	Completed
COMPL 2	R0051678 02 Comple	eted	None	Received	1-PCR-40 REFURBISH VALV	E AND ACTUATOR	As left B&C on 10/30/00	Completed
COMPL 2	R0059811 01 Not Re	quired	None	Received	1-SV-1A-3 DISASSEMBLE, R	EPAIR/REPLACE	· · · · · · · · · · · · · · · · · · ·	Completed
COMPL 2	R0061017 03 Not Re	quired	None	Received	1-FW-118-3 DISASSEMBLE V	ALVE FOR QC INSPECTION		Completed
COMPL 2	R0061019 01 Not Re	quired	None	Received	1-SV-1B-2 DISASSEMBLE, R	EPAIR/REPLACE		Completed
COMPL 2	R0061020 01 Not Re	quiređ	None	Received	1-SV-2B-3 REFURBISH VALV	VЕ		Completed
COMPL 2	R0062233 01 Not Re	quired	None	Received	1-SV-2A-1 DISASSEMBLE, R	EPAIR/REPLACE		Completed
COMPL 2	R0071813 01 Not Re	quired	None	Received	1-SV-54, PERFORM ISI SET P	POINT TEST/INSPECTION	N N	Completed
COMPL 2	R0071866 13 Not Re	quired	VT-3	Received	PERFORM AS-FOUND VISUA	AL INSPECTION ON INACC. SNUBS		Completed
COMPL 2	R0072160 01 Not Re	quired	None	Received	1-SV-107, PERFORM ISI SET	POINT TEST/INSPECTION		Completed
COMPL 1	R0072607 02 Compl	eted	None	Received	1-CS-325, DISASSEMBLE FO	R SOER 86-03 INSPECTION		Completed
<u> </u>							· · · · · · · · · · · · · · · · · · ·	· · · ·

					11-11	
Status CG	b Order VT-2	ISI	NIS-2	Description	Comments	<u>rall Stat</u>
COMPL 1	R0072608 06 Completed	None	A1061028	1-SV-45A RMV/RPLC VLV FOR SETPOINT TESTING	VT-2 under R72394 01	A1061028
COMPL 1	R0072609 06 Completed	None	A1061028	1-SV-45B REMOVE/REPLACE VALVE FOR SETPOINT TESTING	VT-2 under R72394 01	A1061028
COMPL 1	R0072610 06 Completed	None	A1061028	1-SV-45C RMV/RPLC VLV FOR SETPOINT TESTING	VT-2 under R72394 01	A1061028
COMPL 2	R0086653 01 Not Required	VT-3	Received	1-AFW-S4033, VISUAL INSPECT AND FUNCTIONAL TEST		Completed
COMPL 1	R0096742 01 Not Required	VT-3	Received	1-GRC-S582, REMOVE, FUNCTIONAL TEST, REINSTALL		Completed
COMPL 2	R0102518 01 Not Required	VT-3	Received	1-AFW-S4023: REMOVE, FUNCTIONAL TEST, REINSTALL		Completed
COMPL 1	R0208566 01 Completed	None	Received	1-CS-328-L1 DISASSEMBLE/REASSEMBLE FOR INSPECTION	VT-2 under R72394 01	Completed

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INDIANA MICHIGAN POWER COMPANY DONALD C. COOK NUCLEAR PLANT, UNIT 1 BRIDGMAN MI. COMMERCIAL SERVICE DATE 8/23/1975

SECTION 9

NIS-2 REPAIR AND REPLACEMENT REPORTS

2-563

Page 1 of 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 09-27-00
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order# 00257009-01
	One Cook Place, Bridgman, MI 49106	Component# <u>1-SI-183</u>
3.	Work Performed by: AEP/D.C. COOK Maintenance Depar	tment
1 .	Identification of System: <u>REFUELING WATER STORA</u>	<u>GE TANK SUPPLY</u>
<u>5.</u>	(a) Applicable Construction Code: ANSI B31.1, 1983 Ed.	NO Add., Code Case:
	(b) Applicable Edition of Section XI Utilized for Repairs or	Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	<u>Material Identification:</u> M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-SI-183						
BONNET ASSY	ASME# SA-351	N/A	M&E# 30-040528	N/A	REPLACED	NO
	GR CF8		ASP# 23156			
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						,

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure VT-2 NDE:

Pressure: psi Test Temperature F.

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Page 2 of 2

Description of Work: The valve was repaired using a new bonnet assembly. A VT-2 test was also performed.

Job Order/File: 00257009-01 ISI CLASS 2

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement. Type Code Symbol Stamp
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed: Dewayner immons Maint. Welding Supervisor Date <u>12-1-00</u> Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{(\gamma - 27 - 97)}{10}$ to $\frac{(\gamma - 27 - 97)}{12 - 17 - 93}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

21 1. Matrapaust Co		Arch 2055 ENd NEI
Inspector's Signature	Natio	onal Board, State, Province, Endorsements
		1911
Date: Dece	mbc: 14 19	2000

Page 1 of 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:10-18-00
	<u>P.O. Box 60 Fort Wayne IN 46801</u>	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u>#00257017-03</u>

One Cook Place, Bridgman, MI 49106

...0025/01/-03 ob Oraer<u>#</u>____

4-563

Component#_DC-1

- 3. Work Performed by: AEP/D.C. COOK Maintenance Department
- 4. Identification of System: RHR
- (a) Applicable Construction Code: ANSI-B31.1-1983 Ed. NO Add., Code Case: NA <u>5.</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

Identification of Components Repaired or Replaced and Replacement Components 6.

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
 1-ASI-L49A						
BELLEVILLE		NA	ASP 24458	NA	REPLACED	NO
WASHERS			TEMP M&E 00-022152			
÷ .						

7. Pneumatic N/A Nominal Operating Pressure Hydrostatic NA ___F. NDE: VT-3 Pressure: psi Test Temperature

Description of work: INSTALLED WASHERS AND HAD VT-3 PERFORMED

Job Order/File 00257017-03

ISI Class 2

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement conforms</u> to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA				
Certificate of Authorization No.	MA	_Expiration Date			
Certificate of Authorization No Signed:	9 g supervisor		Date 1- 30-01		
Owner or Owner's Designee, Title					

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period $\frac{20-16-80}{1-31-1}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

<u>MR Muterspace</u> Commissions Inspector's Signature	Mich 0055, ENGNET
Inspector's Signature	National Board, State, Province, Endorsements
Date: Jan 31	19/2001

Page 1 of 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_10-23-00
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1

2. Plant: D.C.Cook Nuclear Power Plant

One Cook Place, Bridgman, MI 49106

- Work Performed by: AEP/D.C. COOK Maintenance Department 3.
- 4. Identification of System: MAIN STEAM
- (a) Applicable Construction Code: ANSI-B31.1-1983 Ed. NO Add., Code Case: NA <u>5.</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

Identification of Components Repaired or Replaced and Replacement Components 6.

	Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
\sim	1-GMS-R-829						
	STEEL PLATE	ASTM A-36 1991	NA	M&E 30-153133 ASP 24267	NA	REPLACED	NO

7.	Hydrostatic NA	Pneumatic N	/A Nominal Operating Pressure_	
	•			
	NDE: MT/VT-3	Pressure: psi	Test Temperature	F.

Description of work: INSTALLED HANGER AND HAD MT/VT-3 PERFORMED

Job Order# 00259006-01

Component# 1-GMS-R-829

6-563

Job Order/File: 00259006-01

ISI Class 2

CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI repair of	
Type Code Symbol Stamp <u>AA</u>	
Certificate of Authorization No Expiration Date	NA
Signed: Dewayne Timpions, welding supervisor	Date <u>1-30-01</u>
Owner or Owner's Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period <u>'o-i2-oo</u> to <u>oi-31-oi</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MA Minterspruch	Commissions	Mich 0055, EDDNIT
Inspector's Signature		National Board, State, Province, Endorsements
		m
Date: Jan	31	19 2001
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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS 8-563 As Required by the Provisions of the ASME Code Section XI

Owner AMER	ICAN ELECTRIC	POWER (COMPANY	Date	Februar	y 01, 200	1
997	Name						
P.O. Box	60 Fort Wayne		6801	Sheet	1	of2	
	Addre						
2. Plant D.C.	COOK NUCLEAR	POWER I	PLANT	Unit	# 1		
	Nat						
One Cook I	Place, Bridgma		9106		259006-0		
	Address	-		-	-	No., Job No	
3. Work Perfor	rmed by Instal	lation S	ervices		-	ol Stamp <u>N</u>	J/A
		Name		Author	ization 1	No. N/A	
Same a	as #2			Expira	tion Dat	e N/A	
	Addro	ess					
4. Identificat	ion of System	Main St	zeam			IE CODE CL	ASS 2
5. (a) Applicab	ole Const. Code	B31.1	_19 83	3Ed., N/	A_Add.	Code (Case
(b) Applicab	ole Edition of Se	ection XI	Utilized	for Repairs	or Repla	acements 19	89
6. Identificat	ion of Component	ts Repaire	ed or Rep	laced and Re	placement	t Components	S
				Other		Repaired	ASME
Name of	Name of	Manuf.	Nat.	Other		Replaced	Code
Component	Manufacturer	Serial	Board	Identi-	Year	or Replace-	Stamped (Yes
-		No.	No.	Fication	Built	ment	or No)
1-GMS-R-832	M&E#	ASP#	N/A	A36 1991	N/A	Replace-	No
4 x 4 Flat	30-153133	24267				ment	
Bar	50 155155						
·····							
r	<u></u>						
	1						
							1
							1
L		_L	L	l	·	I	
7. Descriptio	on of work <u>Mod</u>	ifv exist	ing Suppo	rt 1-GMS-R-8	32 in ac	cordance wi	th 1-DCP-4'
Deberipere	<u></u>						

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N/A S Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

		FORM NIS-2 (Back)
ř.	Remarks _	Final VT and MT VT-3 Applicable Manufacturer's Data Reports to be attached
		Ref. JO: 00259006-02 Design Change: 1-DCP-4789
	·	Repair/Replacement Plan: 00259006-02 ISI Class 2
	REPLACEN	CERTIFICATE OF COMPLIANCE That the statements made in the report are correct and this <u>MENT</u> conforms to the rules of the ASME Code, Section XI.
		e Symbol Stamp <u>N/A</u> ate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
	Signed	Will fammer Will Tanknews MANT Spie welding Date <u>3-5-</u> , 20 <u>01</u> Owher or Owner's Designee, Title

9-563

Page 2 of 2

CERTIFICATE OF INSERVICE INSPECTION	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 <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of <u>Johnston, R.I. 02919</u> Have inspected the components described in this Owner's Report during the period $\frac{100 - 12 - 00}{100}$ to $\frac{2 - 2 - 01}{100}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

Commissions <u>Mich 0055</u>, <u>End N&</u> National Board, State, Province, Endorsements MR Matisspaue Inspector's Signature Date Feb 6 20 01

2.

10 - 563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1. Owner: AMERICAN ELECTRIC POWER

P.O. Box 60 Fort Wayne IN 46801

Date_Performed: 09-30-00

Component# 1-IMO-315

Unit# 1

Plant: D.C.Cook Nuclear Power PlantJob Order# 00259059-01

One Cook Place, Bridgman, MI 49106

- 3. Work Performed by: <u>AEP/D.C. COOK Maintenance Department</u>
- 4. Identification of System: <u>DIESEL COMBUSTION AIR</u>
- 5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N-416-1

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-IMO-315						
STEM	ASTM# A182-94C	ANCHOR	M&E# 30-041724	N/A	REPLACED	NO
	F6A	DARLING	ASP# 18457			
RING SEAL	ASTM# SA-240	ANCHOR	M&E# 30-041707	N/A	REPLACED	NO
		DARLING	ASP# 18457			
FILLER	ASME# SFA 5.9	N/A	M&E# 30-045073	N/A	REPLACED	
MATERIAL			ASP# 10831			
ER 316						

Page 2 of 2

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure VT-2 NDE: PT

11-563

Pressure: psi Test Temperature F

Description of Work: A new stem & ring seal were used in the repair of the

valve. Old seal weld was removed. PT performed and new seal weld made after

valve assembled. VT-2 performed

Job Order/File: 00259059-01 ISI CLASS 1

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> replacement conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA	
Certificate of Authorization No.	NA	Expiration Date//#
Signed: Dewayne Timmons M	aint. Weldi	Expiration Date <u>NA</u> ng Supervisor Date <u>1-15-01</u>
Owner or	Owner's Desi	ignee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MA Muters pauge Commissions Mich 0055 END NET Inspector's Signature National Board, State, Province, Endorsements Inspector's Signature M 10 2001 Date: Jan 16

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

 1.
 Owner: AMERICAN ELECTRIC POWER
 Date_Performed:_11-10-00

 P.O. Box 60 Fort Wayne IN 46801
 Unit# 1

 2.
 Plant: D.C.Cook Nuclear Power Plant
 Job Order# 00273021-01

One Cook Place, Bridgman, MI 49106

Component<u>#_PIPE CTS</u>

12-563

- 3. Work Performed by: <u>AEP/D.C. COOK Maintenance Department</u>
- 4. Identification of System: <u>PIPE</u>
- 5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, <u>1983 Ed.</u> NO Add., Code Case: <u>N-416-1</u>
 - (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
- 6. Identification of Components Repaired or Replaced and Replacement Components

	Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
$\overline{}$	PIPE CTS RING HEADER	N/A	N/A	EXISTING	N/A	REPAIRED	NO
	FILLER MATERIAL ER 308	ASME# SFA.5.9	N/A	M&E# 30-044988 ASP# 19186	N/A	REPAIRED	NO
:							

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE: PT

Pressure: psi Test Temperature F.

Page 2 of 2

Description of Work: The existing weld was excavated and rewelded.QC was there for

VT fit up & final & final PT

Job Order/File: 00273021-01 ISI CLASS 2

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol Stamp
Certificate of Authorization No Expiration DateA
Signed: Dewayne Timmons Maint. Welding Supervisor Date 1-15-01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\underbrace{11-2-00}_{\text{belief}}$ to $\underbrace{1-2-00}_{\text{belief}}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

 MA
 Muticspace
 Commissions
 Mich 2055, End Nit

 Inspector's Signature
 National Board, State, Province, End
 National Board, State, Province, Endorsements 2001 Date: Jan 16

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

14 - 563

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_11-07-00
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># 00291026-01</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-SV-52
3.	Work Performed by: AEP/D.C. COOK Maintenance Department	nent

4. Identification of System: <u>LETDOWN (CVCS)</u>

5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

\searrow	Name of Component 1-SV-52	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
	SAFETY VALVE	ASME# SA-351 Grade CF8M	CROSBY	M&E# 30-036387 ASP# 16025	N/A	REPLACED	NO
					· · · · · ·		
							- -

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure VT-2 NDE:

Pressure: psi Test Temperature F.

. 1 .

Description of Work: The old valve was removed and the new one installed. A VT-2

exam was done also.

Job Order/File: 00291026-01 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp NA

. ...

Certificate of Authorization No. <u><i>N</i></u>	Expiration Date_	N/A
Signed Dewyne Timmons Maint. Weldin		
Signed: Dewayne Timmons Maint. Weldin	g Supervisor Date	= 2-17-01
Owner or Owner's Desig	nee, Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{23 - 23 - 20}{10 - 23 - 20}$ to $\frac{2 - 16 - 03}{10 - 23 - 10}$, and state that to the best of my knowledge and

belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MR Waterways Commissions	Mich0055, ENDNEI
Inspector's Signature	National Board, State, Province, Endorsements
0	mt
Date: Feb 19	18 2001

16-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

. Owner AMER	ICAN ELECTRIC	POWER C	COMPANY	Date	Februar	у 6, 2001	
P.O. Box	Name 60 Fort Wayne	, IN 46	5801	Sheet	1	of 2	
	Addre						
. Plant D.C.	COOK NUCLEAR		PLANT	Unit	# 1		
	Nar						
<u>One Cook</u>	Place, Bridgm		19106		293050-		
	Addre					D. No., Job	
. Work Perfor	med by Install	lation S	ervices		-	ol Stamp N	I/A
		Name				No. N/A	· · · · · · · · · · · · · · · · · · ·
Same a	as #2	255		Expira	tion Dat	e <u>N/A</u>	
Identificat	Addre ion of System	ess Main St			ASM	IE CODE CL	ASS 2
				83₽3			Code Case
(a) Applicab	le Const. Code i le Edition of Se	THUT TOT	·	for Popping	or Perl	a comente 19	
(D) Applicab	ion of Component	ection XI	ocitized	laced and De	or repro	t Component	3
Identificat	TOU OF COMPONENT	I Repaire	l or kep	Taceu and Ke		Repaired	
				Other		Replaced	Code
Name of	Name of	Manuf.	Nat.			or	Stamped
Component	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes
		No.	No.	Fication	Built	ment	or No)
Jamma Plug	Temp M&E#	ASP#	N/A	SA 105	N/A	Replace- ment	No
	00-023887	24303					
					·····-	ļ	
							<u> </u>
	· · · · · · · · · · · · · · · · · · ·						
Descriptic	n of workIns	tall Gamma	A Plug in	accordance	With 1-L	DCP-4863	
. Test Conduc	ted: Hydrostat N/A 🛛			ic 🗌 No sure N/A			
n. (2) informatio	al sheets in form of on in items 1 throug sheets is recorded a	nh 6 on this	report is	included on eac	used, prov h sheet, a	rided (1) size nd (3) each sh	is 8-1/2 in eet is numbe

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

FORM NIS-2 (Back) Page 2 of 2

9. Remarks Fit Up and Final VT and Final MT Applicable Manufacturer's Data Reports to be attached

Ref. JO: 00293050-01 Design Change: 1-LDCP-4863

17-563

Repair/Replacement Plan: 00293050-01 ISI Class 2

	CERTIFICATE OF COMPLIANCE
REPLAC	ertify that the statements made in the report are correct and this EMENT conforms to the rules of the ASME Code, Section XI. or replacement
ype Co	ode Symbol Stamp <u>N/A</u>
ertifi	cate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
igned	MANT Super Wolding Williams Date 2-12-, 20 01
·	

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 <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of <u>Johnston, R.I. 02919</u> Have inspected the components described in this Owner's Report during the period $\frac{11-1-00}{10}$ to $\frac{1-13-01}{10}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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.
a toss of any kind arising from of connected with this inspection.
<u>Ma Materspaugh</u> Commissions <u>Mich 0055, End Nit</u> Inspector's Signature National Board, Staté, Province, Endorsements
Date <u>Feb 13</u> 20 01

Page 1 of 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1. Owner: <u>AMERICAN ELECTRIC POWER</u>

P.O. Box 60 Fort Wayne IN 46801

2. Plant: <u>D.C.Cook Nuclear Power Plant</u>

One Cook Place, Bridgman, MI 49106

3. Work Performed by: AEP/D.C. COOK Maintenance Department

- 4. Identification of System: <u>PIPING SUPPORT</u>
- 5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	<u>Material Identification:</u> M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-GSI-R-44	N/A	N/A	EXISTING	N/A	REPAIRED	NO
FILLER MAT.	ASME# SFA 5.1	N/A	M&E# 30-044315	N/A	REPAIRED	NO
E 7018		· · · · · · · · · · · · · · · · · · ·	ASP# 23546			

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/A NDE: MT

Pressure: psi

Test Temperature F.

Job Order<u># 00299024-01</u>

Unit# 1

Date Performed: 11-15-00

Component# 1-GS-R-44

18-563

Page 2 of 2

Description of Work: The existing welds were exavated and rewelded, QC did the final

MT. A VT-3 exam was done also

Job Order/File: 00299024-01 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement conforms</u> to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA	
Certificate of Authorization No.	NA	Expiration Date
Signed: Dewayne Timmons M	Jums Laint. Welding	Supervisor Date 1-9-01
Owner or	Owner's Design	ee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{11-16-00}{10}$ to $\frac{01-12-01}{10}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

kind arising from or connected with this hispect	
Allake Commissions	
Inspector's Signature	National Board, State, Province, Endorsements
Date: fan. 12	18 <u>2001</u>

20-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: <u>11-16-01</u>
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># 00299070-01</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-GSI-R-50
3.	Work Performed by: AEP/D.C. COOK Maintenance Departr	nent

- 4. Identification of System: <u>PIPING SUPPORT</u>
- 5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, <u>1983 Ed.</u> <u>NO_Add.</u>, Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
_	1-GSI-R-50	N/A	N/A	EXISTING	N/A	REPAIRED	NO
	FILLING MATERIAL	ASME# SF A 5.1	N/A	M&E# 30-044315 ASP# 23546	N/A	REPAIRED	NO

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE: MT

Pressure: psi Test Temperature F.

Description of Work: The hanger was repaired by welding it. A VT-3, VT, MT, on final

welds was preformed. Filler metal used was ER70S-2

Order/File: 00299070-01 ISI CLASS 2

CERTIFICATE OF COMPLIANCE				
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.				
Type Code Symbol Stamp				
Certificate of Authorization No. <u>MA</u> Expiration Date <u>MA</u>				
Signed: Dewayne Timmons Maint. Welding Supervisor Date 1-15-01 Owner or Owner's Designee, Title				

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\underline{n-10-00}$ to $\underline{-0.10-00}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

Section XI

MA Waters pany Commissions	Michouss, ENDNE	
Inspector's Signature	National Board, State, Province, Endorsements	
Date: Jan ic	18 ⁻¹⁴ 200 i	

22-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner:	AMERICAN	ELECTRIC	POWER

P.O. Box 60 Fort Wayne IN 46801

Date_Performed:_11-29-00

Component# 1-GSI-R-38

Unit# 1

2.Plant: D.C.Cook Nuclear Power PlantJob Order# 00333077-01

One Cook Place, Bridgman, MI 49106

3. Work Performed by: <u>AEP/D.C. COOK Maintenance Department</u>

4. Identification of System: <u>PIPING SUPPORT</u>

5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, <u>1983 Ed.</u> <u>NO Add.</u>, Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Name of Component 1-GSI-R-38	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
-1							
	STEELE PLATE	ASTM# A-36	N/A	M&E# 30-153201	N/A	REPLACED	NO
		1990 ED		ASP# 13127			
	BASE	ASTM#A-36	N/A	M&E# 30-153192	N/A	REPLACED	NO
	SUPPORT	1993 ED		ASP3 23756			
	BASE PLATE	ASTM# A-36-93-A	N/A	M&E# 30-153191	N/A	REPLACED	NO
				ASP# 22356			

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/AND: MT/PT

Pressure: psi Test Temperature F.

Description of Work: The old slider plate was removed and all new material was welded

in place. QC did a VT-3 & final PT/MT exams

Job Order/File: 00333077-01 ISI CLASS 2

CERTIFICATE OF COMPLIANCE					
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement conforms</u> to the rules of the ASME Code, Section XI repair or replacement.					
Type Code Symbol Stamp MA					
Certificate of Authorization No. NA Expiration Date NA					
Signed: Dewayne Timmons Maint. Welding Supervisor Date <u>-/5-of</u> Owner or Owner's Designee, Title					

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{11/29}{00}$ to $\frac{1.2600}{1.2600}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

 MIX Muterpany
 Commissions
 ME 0055
 GNONEE

 Inspector's Signature
 National Board, State, Province, Endorsements

 Date: Jan 16 18 2001

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_09-11-98
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0009272-01</u>

One Cook Place, Bridgman, MI 49106

Component# 1-GBD-S574

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24-563

- 3. Work Performed by: <u>AEP/D.C. COOK Maintenance Department</u>
- 4. Identification of System: <u>Steam Generator Blowdown</u>
- 5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1	1-GBD-S574						
	"A" KIT	Grinnell Fig 200/201	GRINNELL	M&E# 30-040550 ASP# 17314	N/A	REPLACED	NO

7. Hydrostatic NA Pneumatic NA Nominal Operating Pressure N/A NDE: N/A

Pressure: psi VT-3 Test Temperature F.

25-563

Page 2 of 2

Description of Work: The snubber was repaired using a "A" kit. A VT-3 exam was done under Job Order R14649-01.

Job Order/File: C0009272-01 ISI CLASS 2

CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this repair and/or replacement conforms to the rules of the ASME Code, Section XI repair or replacement. Type Code Symbol Stamp MA Certificate of Authorization No. MA Expiration Date MA Signed: Dewayne Timmons Maint. Welding Supervisor Date Owner or Owner's Designee, Title Date

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{9-2-98}{10}$ to 3-12-93, and state that to the best of my knowledge and

belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

ma mutinspace Commissions	Michops, End NEI
Inspector's Signature	National Board, State, Province, Endorsements
Date: Marsch 12	20

~

26- 563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_12-05-98
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0034027-03</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-IFI-310-V2
3.	Work Performed by: AEP/D.C. COOK Maintenance Depart	ment

4. Identification of System: <u>RESIDUAL HEAT REMOVAL</u>

5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
_	1-IFI-310-V2						
	STEM ASSY	ASTM# SA-479	N/A	M&E# 30-035554 ASP# 19101	N/A	REPLACED	NO
	BONNET	N/A .	N/A	M&E# 30-035394 ASP# 12688	N/A	REPLACED	NO

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE:

Pressure: psi Test Temperature F.

Description of Work: The vale was disassembled and then reassembled using a new

stem assembly and a new bonnet chamber.

Job Order/File: C0034027-03 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> replacement conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	N.A	
Certificate of Authorization N	Io. NA	Expiration Date <u>A</u>
Signed: Dewayne Timpons	Maint. Weldi	ng Supervisor Date <u>/-/5-</u> ∂/
Owner	or Owner's Desi	ignee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period <u>vo-14-98</u> to <u>ou-16-98</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MA Muters pauge Commissions Mich 0055, E. S. Ng7 National Board, State, Province, Endorsements Inspector's Signature 19 2001 Date: JON 16

FORM NIS-2 OWNER'S REPORT FOR REI As Required by the Provisions of th		
Indiana Michigan Power Company	12/15/97	

28-563

1.	Owner	Date
	Name One Summit Square, Ft. Wayne, IN 468	02 1 2
2.	Address Donald C. Cook	1 Unit
	Name One Cook Place, Bridgeman, MI 49106	
	Address	Repair/Replacement Organization P.O. No., Job No., etc.
3.	Work Performed by Framatome Technologies	Type Code Symbol Stamp//A
	155 Mill Ridge Road, Lynchburg, VA	24502 Authorization No
	Address	
4.	Identification of System Reactor Coolant	

5. (a) Applicable Construction Code Section III, 19 65 Edition, _____Addenda, _____Code Case (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 19 89

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Steam Gen. #12	Vestinghous	e 1122	68-32	N/A	1970		Yes
· · · · · · · · · · · · · · · · · · ·					•		
•						<u> </u>	
·····							
						<u> </u>	

7. Description of Work _____ See Remarks

8. Tests Conducted: Hydrostatic 🗆 Pneumatic 🗆 Nominal Operating Pressure 🗆 Exempt 💢

Other D Pressure _____ psi

psi Test Temp. _____

۰F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8\frac{1}{2}$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

(12/95)

This form may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300. REPRINT 7/96



29-563

FORM NIS-2 (Back)

w 8, column 19.	ual weld plug in steam generator #12 hot leg tube loc Applicable Manufacturer's Data Reports to be attached
*	
	· · · ·
	CERTIFICATE OF COMPLIANCE
I certify that the statements made de, Section XI.	in the report are correct and that this conforms to the requirements of the ASME
be Code Symbol Stamp	
	1
tificate of Authorization No	OWNERS Expiration Date
Harald Behacht	DW NEWS
Owner or Owner's D	DESIGEL Date 1-5 , 19 98 Designee, Title MICHIGAN REPAIRER 0309-V
	MICHIGAN REPAIRER 0309-V
	CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid	commission issued by the National Board of Boiler and Pressure Vessel Inspectors
- Waltham, Ma.	and employed by <u>AREWRIGHT MUTUAL TWI. Co.</u>
his Owner's Report during the period	d 3/25/97 and 3/5/96
is Owner's Report in accordance will By signing this certificate neither the	e lospector por bio opplause malues
his Owner's Report in accordance will be a signing this certificate neither the examinations and corrective measures.	e Inspector nor his employer makes any warranty, expressed or implied, concerning
his Owner's Report in accordance will By signing this certificate neither the examinations and corrective measure loyer shall be liable in any manner	e Inspector nor his employer makes any warranty, expressed or implied, concerning
his Owner's Report in accordance will By signing this certificate neither the examinations and corrective measure ployer shall be liable in any manner	e lospector por bio employee malage
his Owner's Report in accordance will By signing this certificate neither the examinations and corrective measu ployer shall be liable in any manner nected with this inspection.	In the requirements of the ASME Code, Section XI. e Inspector nor his employer makes any warranty, expressed or implied, concerning ares described in this Owner's Report. Furthermore, neither the Inspector nor his for any personal injury or property damage or a loss of any kind arising from or
his Owner's Report in accordance will By signing this certificate neither the examinations and corrective measu ployer shall be liable in any manner nected with this inspection.	e Inspector nor his employer makes any warranty, expressed or implied, concerning ares described in this Owner's Report. Furthermore, neither the Inspector nor his for any personal injury or property damage or a loss of any kind arising from or

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS 30-563

As Required by the Provisions of the ASME Code Section XI

NIS-2-253-98

<u> </u>	Owner <u>AMER</u>	ICAN ELECTRIC	POWER	COMPANY	Date	01/0	8/98	
		Name	TNT 4 4		-	-		
	<u>P.O. Box (</u>	60 Fort Wayne	<u>, IN 46</u>	<u>801</u>	Sheet	<u>⊥</u>	of3	
		Address					-	
2.	Plant <u>D.C.</u>	COOK NUCLEAR	POWER P	PLANT	Unit	#	1	
		Name						
	<u>One Cook l</u>	<u>Place, Bridgm</u>	an, MI 4	19106			167-02	
		Address			Repair	COrg. P.	O. No., Job	No., etc
-								r / ¬
3.	Work Perfor	med by <u>Instal</u>	Lation S	ervices		-	ol Stamp <u>N</u>	
			Name				No. N/A	
	Same	as #2			Expira	tion Dat	e <u>N/A</u>	
		Address						
4.	Identificat	ion of System <u>C</u>	HEMICAL	AND VOI	LUME CONTRO	<u>L AS</u>	<u>SME CODE C</u>	LASS 2
5.	(a) Applical	ble Const. Code	<u>ANSI B3</u>	<u>1.1</u> 19 _	<u>83</u> Ed., <u>1</u>	<u>V/A</u> Add	I. <u>N/A</u>	_Code Case
	(b) Applical	ble Edition of a	Section XI	C Utilize	d for Repair	s or Rep	lacements 19	9 <u>89</u>
6.	Identificat	ion of Componen	ts Repaire	ed or Rep	laced and Re	placemen	t Components	5
							Repaired	ASME
	-				Other		Replaced	Code
	Name of	Name of	Manuf.	Nat.		Year	or	Stamped
C	omponent	Manufacturer	Serial	Board	Identi-	Built	Replace-	(Yes
			No.	No.	Fication		ment	or No)
1-	GCS-R88	M&E#	ASP#	N/A	E7018	N/A	REPLACE-	NO
FI	LLER METAL	30-044315	19459				MENT	
11-	GCS-R115	M&E#	ASP#	N/A	A36 (90)	N/A	REPLACE-	NO
	x 2 x 3/8	30-153030	19842	ĺ		, r	MENT	
	ANGLE							
	GCS-R116	M&E#	ASP#	N/A	A36 (93a)	N/A	REPLACE-	NO
	CS PLATE	30-153188	17202	N/A	A30 (350)		MENT	10
			ASP#	N/A	A36 (90)	N/A	REPLACE-	NO
	GCS-R116	M&E#		N/A	A36 (90)	N/A	MENT	NO
	x 2 x 3/8	30-153030	19842				MENI	
	ANGLE							
	GCS-R141	M&E#	ASP#	N/A	A36 (90)	N/A	REPLACE-	NO
	x 3 x 3/8	30-153032	18722				MENT	
CS	ANGLE							
1-	GCS-R218	M&E#	ASP#	N/A	A36 (91)	N/A	REPLACE-	NO
34	CS PLATE	30-153217	18084				MENT	·
	-GCS-R218	M&E#	ASP#	N/A	A500 GR B	N/A	REPLACE-	NO
4	x 3 x 5/16	30-153280	17126		(90a)		MENT	1
TU	JBE STEEL							
	-GCS-R218	M&E#	ASP#	N/A	HILTI KB	N/A	REPLACE-	NO
34	HILTI BOLT	30-046280	16861		II 34-8		MENT	
L			. 1		1		1	

7. Description of Work <u>INSTALLED AND MODIFIED SUPPORTS 1-GCS-R88, 1-GCS-R115</u> 1-GCS-R116, 1-GCS-R141, 1-GCS-R218 AND 1-ACS-R4005 PER DESIGN CHANGE DCP-116.

Nominal Operating Pressure 🗆 Test Conducted: Hydrostatic Pneumatic 🗆 ۹. Pressure <u>N/A</u>psi N/A 🛛 Other 🗆 Test Temp. <u>N/A</u>°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI 31 - 563

NIS-2-253-98

1. Owner <u>AMER</u>	ICAN ELECTRIC	POWER C	COMPANY	Date _	01/0	8/98	
P.O. Box 6	Name 50 Fort Wayne	. IN 46	801	Sheet	2	of <u>3</u>	
· ·	Address <u>COOK NUCLEAR</u> Name				#		
<u>One Cook I</u>	Place, Bridgm Address	an, MI 4	9106	Repair		57-02 D. No., Job	No., etc
		<u>ation Se</u> Jame	ervices	Author	ization 1	NO. <u>N/A</u>	/A
<u>Same as </u> #				Expira	tion Date	e <u>N/A</u>	
4. Identificat:	Address ion of System <u>C</u>	HEMICAL	AND VOI	LUME CONTRO	L AS	ME CODE C	LASS 2
	ble Const. Code ble Edition of S						
6. Identificat	ion of Component	s Repaire	ed or Rep	laced and Re	placement		3
				Other		Repaired Replaced	ASME Code
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Identi- Fication	Year Built	or Replace- ment	Stamped (Yes or No)
1-GCS-R218 ¾ HILTI BOLT	M&E# 30-046281	ASP# 16861	N/A	HILTI KB II 34-10	N/A	REPLACE - MENT	NO
1-GCS-R218 3 x 2 x ¼ TUBE STEEL	M&E# 30-153277	ASP# 20070	N/A	A500 GR B (90)	N/A	REPLACE- MENT	NO
1-GCS-R218 5/8 CS PLATE	M&E# 30-153194	ASP# 16017	N/A	A36 (93)	N/A	REPLACE- MENT	NO
1-ACS-R4005 FIG #640 SWAY STRUT	P.O. # 66172-042-7X	ASP# 19755	N/A	SIZE C P.O. ITEM 2	N/A	REPLACE- MENT	NO
1-ACS-R4005 4 x 4 x ¼ TUBE STEEL	M&E# 30-153269	ASP# 19757	N/A	A500 GR B (93)	N/A	REPLACE- MENT	NO
1-ACS-R4005 % CS PLATE	M&E# 30-153217	ASP# 18928	N/A	A36 (91)	N/A	REPLACE - MENT	NO
1-ACS-R4005 % HILTI BOLT	M&E# 30-046280	ASP# 14398	N/A	HILTI KB II 34-7	N/A	REPLACE- MENT	NO
1-ACS-R4005 ¾ HILTI BOLT	M&E# 30-046281	ASP# 16861	N/A	HILTI KB II 34-10	N/A	REPLACE- MENT	NO

7. Description of Work <u>INSTALLED AND MODIFIED SUPPORTS 1-GCS-R88, 1-GCS-R115</u> <u>1-GCS-R116, 1-GCS-R141, 1-GCS-R218 AND 1-ACS-R4005 PER DESIGN CHANGE DCP-116.</u>

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N/A Other Pressure <u>N/A</u>psi Test Temp.<u>N/A</u>°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x ll in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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NIS-2-253-98

FORM NIS-2 (Back)

Remarks Applicable Manufacturer's Data Reports to be attached Ref. JO: C40467-02 DESIGN CHANGE: DCP-116 REPAIR/REPLACEMENT TRAVELER: C40467-02 ISI CLASS: 2 CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp <u>N/A</u> Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> Signed Wayne Cretsinger, Senior Planner Date JAN. 8, 1998 Owner or Owner's Designee, Title 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 <u>Michigan</u> and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 12-6-77 to 1-30-78, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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 Mich 1935, End NEL National Board, State, Province, En National Board, State, Province, Endorsements

Date January 30 19 90

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI 33-563

NIS-2-254-98

Owner <u>AMER</u>	ICAN ELECTRIC	POWER (COMPANY	Date _	01/0	9/98	
	Nar	ne					
P.O. Box	<u>60 Fort Wayne</u>	, IN 46	5801	Sheet	1	of 2	
	Addre					·····	
2. Plant <u>D.C.</u>	COOK NUCLEAR	POWER H	PLANT	Unit _	#	1	
	Nar	ne					
<u>One Cook</u>	<u>Place, Bridgm</u>	<u>an, MI 4</u>	19106		C404	<u> 167-07</u>	
	Addre					D. No., Job	
3. Work Perfor	med by <u>Instal</u>	<u>lation S</u>	ervices			ol Stamp <u>N</u>	
		Name		Author	ization 1	No. N/A	
Same a	is #2			Expira	ation Dat	e <u>N/A</u>	
	Addre						
	ion of System <u>C</u>						LASS 2
5. (a) Applicab							_Code Case
	le Edition of Se						
6. Identificat	ion of Component	ts Repaire	ed or Rep	laced and Re	placemen		
				Other		Repaired	ASME
Name of	Name of	Manuf.	Nat.	Other		Replaced	Code
Component	Manufacturer	Serial	Board	Identi-	Year	or	Stamped
	minuraccurer	No.	No.	Fication	Built	Replace- ment	(Yes or No)
		2 0 0 1		7.26 (01)	N/A		
1-GCS-R86	M&E#	ASP# 16493	N/A	A36 (91)	N/A	REPLACE- MENT	NO
% CS PLATE	30-153217						
l-GCS-R86	M&E#	ASP#	N/A	HILTI KB	N/A	REPLACE- MENT	NO
, HILTI BOLT	30-046271	18649		II 12-7	ļ		
1-GCS-R86	M&E#	ASP#	N/A	A36 (93a)	N/A	REPLACE-	NO
% CS PLATE	30-153190	16085			1	· MENT	
1-GCS-R86	M&E#	ASP#	N/A	A570 GR45	N/A	REPLACE-	NO
1/8 CS PLATE	30-153125	16652		(92)		MENT	
1-GCS-R94	M&E#	ASP#	N/A	A36 (90)	N/A	REPLACE-	NO
1 CS PLATE	30-153179	15171				MENT	
1-GCS-R234	M&E#	ASP#	N/A	A570 GR45	N/A	REPLACE-	NO
1/8 CS PLATE	30-153123	19770		(92)		MENT	
1-GCS-R234	M&E#	ASP#	N/A	A36 (91)	N/A	REPLACE -	NO
2 CS PLATE	30-153218	18215				MENT	
	1	1					
	I	1	<u> </u>	1	_ _	.	

7. Description of Work <u>REWORK SUPPORTS 1-GCS-R86, 1-GCS-R94 AND 1-GCS-R234 PER</u> DESIGN CHANGE DCP-116.

8. Test Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
N/A
Other
Pressure <u>N/A</u>psi Test Temp. <u>N/A</u>°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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Page 2 of 2

NIS-2-254-98

FORM NIS-2 (Back)

-

Remarks .	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C40467-07 DESIGN CHANGE: DCP-116
	REPAIR/REPLACEMENT TRAVELER: C40467-07 ISI CLASS: 2
	CERTIFICATE OF COMPLIANCE
REPLACE	rtify that the statements made in the report are correct and this MENT conforms to the rules of the ASME Code, Section XI. r replacement
Type Cod	e Symbol Stamp <u>N/A</u>
	ate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> Wayne Cretsinger, Senior Planner Date <u>JAN.</u> 9, 1998 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
And Press by ARKW	dersigned, holding a valid commission issued by the National Board of Boile sure Vessel Inspectors and the State or Province of <u>Michigan</u> and employe REIGHT MUTUAL INS. CO of WALTHAM, MASS.
<u>8/20/97</u> and belie	bected the components described in this Owner's Report during the period to $\frac{z/4/9}{2}$, and state that to the best of my knowledge of, the Owner has performed examinations and taken corrective measures I in this Owner's Report in accordance with the requirements of the ASME
warranty, described employer	otion XI. Aing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures I in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage or E any kind arising from or connected with this inspection.
~ ~ ~ ~ ~ ~	2/- Euclard
Inspec	Commissions <u>Michouss</u> , Evel N <u>F</u> ctor's Signature National Board, State, Province, Endorsement
Date <u>Feb</u>	19 78

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI 25-563

NIS-2-255-98

. Owner <u>AMER</u>	ICAN ELECTRIC	<u>POWER</u>	COMPANY	Date	01/0	9/98	
	Nat	ne					
<u>P.O. Box</u>	<u>60 Fort Wayne</u>	e, IN 46	5801	Sheet	1	of2	
	Addre	ess					
. Plant <u>D.C.</u>	COOK NUCLEAR	R POWER H	PLANT	Unit	#	1	
	Nat	ne					
<u>One Cook</u>	<u>Place, Bridgm</u>	nan, MI 4	19106			<u>467-08</u>	
	Addre	ess		Repair	Org. P.C	D. No., Job	No., etc
. Work Perfor	med by <u>Instal</u>	lation S	ervices		-	ol Stamp <u> </u>	
		Name		Author	ization 1	No. <u>N/A</u>	
<u> Same a</u>				Expira	tion Dat	e <u>N/A</u>	
	Addr	+					
	ion of System <u>C</u>						
. (a) Applicab	le Const. Code	<u>ANSI B3</u>	<u>1.1</u> 19 _	<u>83</u> Ed., <u>1</u>	N/A Ado	1. <u>N/A</u>	_Code Cas
(b) Applicab	le Edition of S	ection XI	Utilized	l for Repairs	or Repl	acements 19	89
. Identificat	ion of Componen	ts Repaire	ed or Rep	laced and Re	placemen		s
				Other		Repaired	ASME
Name of	Name of	Manuf.	Nat	other		Replaced	Code
Component	Manufacturer	Serial	Nat. Board	Identi-	Year	or	Stamped
-	Manufacturer	NO.	No.	Fication	Built	Replace-	(Yes
						ment	or No)
1-GCS-R132	M&E#	ASP#	N/A	A36 (90)	N/A	REPLACE-	NO
2 x 2 x 3/8	30-153030	11779				MENT	
CS ANGLE							
GCS-R176	M&E#	ASP#	N/A	FIG 137N	N/A	REPLACE-	NO
½ x 4 UBOLT	30-024120	18925				MENT	
1-GCS-R178	M&E#	ASP#	N/A	A36 (90)	N/A	REPLACE-	NO
1 CS PLATE	30-153177	15569				MENT	
1-GCS-R207	M&E#	ASP#	N/A	HILTI KB	N/A	REPLACE-	NO
1 HILTI BOLT	30-046288	14640		II 1-12		MENT	
1-GCS-R207	M&E#	ASP#	N/A	A36 (93a)	N/A	REPLACE-	NO
% CS PLATE	30-153250	12145				MENT	
1-GCS-R207	M&E#	ASP#	N/A	A36 (93)	N/A	REPLACE-	NO
$4 \times 4 \times 3/8$	30-153271	17870				MENT	1
TUBE STEEL							
1-GCS-R207	M&E#	ASP#	N/A	A36 (90)	N/A	REPLACE-	NO
1 CS PLATE	30-153214	19099				MENT	
	M&E#	ASP#	N/A	A570 GR45	N/A	REPLACE -	NO
1-GCS-R207		//		1	1 - /		1
1-GCS-R207 1/8 CS PLATE	30-153125	18319		(92)		MENT	

7. Description of Work <u>REWORK SUPPORTS 1-GCS-R132, 1-GCS-R176, 1-GCS-R178 AND</u> 1-GCS-R207 PER DESIGN CHANGE DCP-116.

8. Test Conducted: Hydrostatic \Box Pneumatic \Box Nominal Operating Pressure \Box N/A \boxtimes Other \Box Pressure <u>N/A</u> psi Test Temp.<u>N/A</u>°F

TE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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NIS-2-255-98

FORM NIS-2 (Back)

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Remarks	
	Applicable Manufacturer's Data Reports to be attached
	·
	Ref. JO: C40467-08 DESIGN CHANGE: DCP-116
	REPAIR/REPLACEMENT TRAVELER: C40467-08 ISI CLASS: 2
	CERTIFICATE OF COMPLIANCE
	ertify that the statements made in the report are correct and this
-	IMENT conforms to the rules of the ASME Code, Section XI.
Туре Сос	le Symbol Stamp <u>N/A</u>
Certific	cate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed	Wayne Cretsinger, Senior Planner Date JAN, 9, 1998
<u> </u>	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
And Pres	ndersigned, holding a valid commission issued by the National Board of Boiler sure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed WRIGHT MUTUAL INS. CO of <u>WALTHAM, MASS.</u>
have ins 12-12-97	pected the components described in this Owner's Report during the period to $2 \cdot 3 \cdot 5^{n}$, and state that to the best of my knowledge
describe	ef, the Owner has performed examinations and taken corrective measures d in this Owner's Report in accordance with the requirements of the ASME ction XI.
By sig	ning this certificate neither the Inspector nor his employer makes any , expressed or implied, concerning the examinations and corrective measures
employer	d in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage or f any kind arising from or connected with this inspection.
- MAD	Commissions Mich 2055 End NET
Inspe	ctor's Signature Commissions <u>Mick 0055</u> , <u>ENDNÉT</u> National Board, State, Province, Endorsements
Date <u>Fe</u>	<u> 5.10 Ry 3 19 98</u>
~	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS 37-563

As Required by the Provisions of the ASME Code Section XI

NIS-2-249-97 Owner AMERICAN ELECTRIC POWER COMPANY Date 02/19/98 Name Sheet <u>1</u> of <u>2</u> P.O. Box 60 Fort Wayne, IN 46801 Address Plant D.C. COOK NUCLEAR POWER PLANT Unit <u># 1</u> 2. Name C40467-09 One Cook Place, Bridgman, MI 49106 Repair Org. P.O. No., Job No., etc Address Work Performed by Installation Services Type Code Symbol Stamp <u>N/A</u> 3. Authorization No. N/A Name Expiration Date N/A Same as #2 Address 4. Identification of System <u>SAFETY INJECTION</u> ASME CODE CLASS 2 5. (a) Applicable Const. Code <u>ANSI B31.1</u> 19 <u>83</u>Ed., <u>N/A</u> Add. <u>N/A</u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 6. Identification of Components Repaired or Replaced and Replacement Components Repaired ASME Other Replaced Code Name of Name of Manuf. Nat. Stamped or Component Manufacturer Serial Board Identi-Year Replace-(Yes No. Fication Built NO. ment or No) REPLACE-NO ASP# N/A A36 (93a) N/A 1-GSI-R4 M&E# MENT 1/ CS PLATE 30-153191 19061 N/A A500 GR B N/A REPLACE-NO -GSI-R4 M&E# ASP# (90) MENT 12087 30-150167 1 x 21/2 x 1/4 TUBE STEEL N/A SA240 N/A REPLACE -NO ASP# 1-GSI-R4 M&E# MENT TP304 12735 1 SS PLATE 30-153222 N/A REPLACE-NO ASP# N/A A36 (93a) 1-GSI-R119 M&E# MENT % CS PLATE 30-153188 19061 N/A SIZE 1 N/A REPLACE-NO P.O. # ASP# 1-GSI-R807 MENT P.O. ITEM 19755 FIG #211 66172-042-7X 14 SWAY STRUT REPLACE -NO ASP# N/A A36 (93a) N/A 1-GSI-R808 M&E# MENT 17202 % CS PLATE 30-153188 NO N/A REPLACE-1-GSI-R808 M&E# ASP# N/A A36 (93) 19662 MENT % CS PLATE 30-153186 N/A REPLACE-NO M&E# ASP# N/A A36 (91) 1-GSI-R808 MENT 30-153129 19616 % CS PLATE NO ASP# N/A A36 (93a) N/A REPLACE-1-GSI-R819 M&E# MENT 17619 30-153010 1% x 1% x % CS ANGLE

7. Description of Work REWORK SUPPORTS 1-GSI-R4, 1-GSI-R119, 1-GSI-R807 1-GSI-R808 AND 1-GSI-R819 PER DESIGN CHANGE DCP-116.

Pneumatic D Nominal Operating Pressure D Test Conducted: Hydrostatic Other D Pressure <u>N/A</u>psi Test Temp. N/A °F N/A 🖾

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

38-563

Page 2 of 2

FORM NIS-2 (Back)

NIS-2-249-97

🦕 Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C40467-09 DESIGN CHANGE: DCP-116

REPAIR/REPLACEMENT TRAVELER: C40467-09 ISI CLASS: 2

CERTIFICATE OF COMPLIANCE

We certify that the st <u>REPLACEMENT</u> co repair or replacement		ne report are correct s of the ASME Code, Se	
Type Code Symbol Stamp	N/A		
Certificate of Authorizat		Expiration Date	N/A
1 > 0 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +			
Signed Wayne Cretsinge:	Senior Planner	Date FER 19	19 18
÷ — — — — — — — — — — — — — — — — — — —	B Designee, Title		/ <u></u>

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 <u>Michigan</u> and employed by <u>ARKWRIGHT MUTUAL INS. CO.</u> of <u>WALTHAM, MASS</u> . have inspected the components described in this Owner's Report during the period $\underline{\$-12-57}$ to $\underline{2-23-75}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.
MR Materianal Commissions Mich 0055, England Inspector's Signature National Board, State, Province, Endorsements
Inspector's Signature National Board, State, Province, Endorsements
Date <u>February 23 19 97</u>

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS 39-563

As Required by the Provisions of the ASME Code Section XI

NIS-2-256-98 Owner AMERICAN ELECTRIC POWER COMPANY Date 01/09/98 Name P.O. Box 60 Fort Wayne, IN 46801 Sheet <u>1</u> of 2 Address Unit _____ #___ 1 2. Plant D.C. COOK NUCLEAR POWER PLANT Name C40467-10 One Cook Place, Bridgman, MI 49106 Repair Org. P.O. No., Job No., etc Address Type Code Symbol Stamp <u>N/A</u> Work Performed by Installation Services 3. Authorization No. N/A Name Expiration Date N/A Same as #2 Address Identification of System <u>SAFETY INJECTION</u> ASME CODE CLASS 2 4. 5. (a) Applicable Const. Code <u>ANSI B31.1</u>19<u>83</u>Ed., <u>N/A</u>Add.<u>N/A</u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 6. Identification of Components Repaired or Replaced and Replacement Components Repaired ASME Other Replaced Code Name of Name of Manuf. Nat. or Stamped Component Year Identi-Manufacturer Serial Board Replace-(Yes Built No. No. Fication ment or No) NO N/A A36 (91) N/A REPLACE-1-GSI-R14 M&E# ASP# MENT 19453 3 x 3 x ¼ 30-153016 CS ANGLE A36 (90) -GSI-R14 M&E# ASP# N/A N/A REPLACE-NO MENT 13224 1 CS PLATE 30-153177 N/A A36 (91) N/A REPLACE-NO 1-GSI-R15 ASP# M&E# MENT 19453 3 x 3 x ¼ 30-153016 CS ANGLE N/A REPLACE -NO ASP# N/A A36 (90) 1-GSI-R15 M&E# MENT 1 CS PLATE 30-153177 13224 N/A REPLACE -NO N/A A36 (90) M&E# ASP# 1-GSI-R814 MENT 18738 30-153211 % CS PLATE N/A REPLACE-NO M&E# ASP# N/A HILTI KB 1-GSI-R814 MENT II 12-7 30-046271 18649 ½ HILTI BOLT N/A A36 (90) N/A REPLACE-NO 1-GSI-R814 M&E# ASP# MENT 18769 % CS PLATE 30-153199

7. Description of Work <u>REWORK SUPPORTS 1-GSI-R14, 1-GSI-R15 AND 1-GSI-R814 PER</u> DESIGN CHANGE DCP-116.

8.	Test Conducted:	Hydrosta	tic 🗆	Pneumatic	Nominal	Operating	Pressure	<u>،</u> □
		N/A 🛛	Other 🗆	Pressure	<u>N/A</u> psi	Test Temp.	N/A	°F

MOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 ., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

40-563 Page 2 of 2

NIS-2-256-98

Remarks	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C40467-10 DESIGN CHANGE: DCP-116
	REPAIR/REPLACEMENT TRAVELER: C40467-10 ISI CLASS: 2
	CERTIFICATE OF COMPLIANCE
REPLAC	ertify that the statements made in the report are correct and this EMENT conforms to the rules of the ASME Code, Section XI. or replacement
Туре Со	de Symbol Stamp <u>N/A</u>
	cate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> $\bigcup Opp (\bigcup A)$ <u>Wayne Cretsinger, Senior Planner</u> Date <u>JAN</u> , 9, 1998
	Owner or Owner's Designee, Title
	Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION
I, the u And Pres by <u>ARK</u> have ins 9-5-9 and beli	Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION ndersigned, holding a valid commission issued by the National Board of Boil sure Vessel Inspectors and the State or Province of <u>Michigan</u> and employ WRIGHT MUTUAL INS. CO. of <u>WALTHAM, MASS</u> . pected the components described in this Owner's Report during the period 7 to <u>2-3-92</u> , and state that to the best of my knowledg ef, the Owner has performed examinations and taken corrective measures
I, the u And Pres by <u>ARK</u> have ins <u>9-5-9</u> and beli describe Code, Se By sig warranty describe employer	Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION ndersigned, holding a valid commission issued by the National Board of Boil sure Vessel Inspectors and the State or Province of <u>Michigan</u> and employ <u>WRIGHT MUTUAL INS. CO.</u> of <u>WALTHAM, MASS.</u> pected the components described in this Owner's Report during the period 7 to $2 \cdot 3 - 9 \times$, and state that to the best of my knowledg ef, the Owner has performed examinations and taken corrective measures d in this Owner's Report in accordance with the requirements of the ASME ction XI. ning this certificate neither the Inspector nor his employer makes any , expressed or implied, concerning the examinations and corrective measures d in this Owner's Report. Furthermore, neither the Inspector nor his
I, the u And Pres by <u>ARK</u> have ins <u>9-5-9</u> and beli describe Code, Se By sig warranty describe employer a loss c	CERTIFICATE OF INSERVICE INSPECTION ndersigned, holding a valid commission issued by the National Board of Boil sure Vessel Inspectors and the State or Province of <u>Michigan</u> and employ WRIGHT MUTUAL INS. CO of <u>WALTHAM, MASS</u> . pected the components described in this Owner's Report during the period 7, and state that to the best of my knowledg ef, the Owner has performed examinations and taken corrective measures d in this Owner's Report in accordance with the requirements of the ASME ction XI. ning this certificate neither the Inspector nor his employer makes any c, expressed or implied, concerning the examinations and corrective measures d in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage of any kind arising from or connected with this inspection. Mathematical Commissions <u>Michones</u> , <u>cond Wit</u>
I, the u And Press by <u>ARK</u> have ins <u>9-5-9</u> and beli describe Code, Se By sig warranty describe employer a loss of <u>Mark</u>	Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION ndersigned, holding a valid commission issued by the National Board of Boil- sure Vessel Inspectors and the State or Province of <u>Michigan</u> and employ- WRIGHT MUTUAL INS. CO. of <u>WALTHAM, MASS</u> . pected the components described in this Owner's Report during the period 7 to $2 \cdot 3 - 9 \times$, and state that to the best of my knowledg ef, the Owner has performed examinations and taken corrective measures d in this Owner's Report in accordance with the requirements of the ASME ction XI. ning this certificate neither the Inspector nor his employer makes any r, expressed or implied, concerning the examinations and corrective measures d in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage of and arising from or connected with this inspection.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI 41-563

NIS-2-261-98 Owner AMERICAN ELECTRIC POWER COMPANY Date 01/15/98 Name Sheet 1 of 2 P.O. Box 60 Fort Wayne, IN 46801 Address Unit # 1_____ 2. Plant D.C. COOK NUCLEAR POWER PLANT Name C40467-11 <u>One Cook Place, Bridgman, MI 49106</u> Repair Org. P.O. No., Job No., etc Address Type Code Symbol Stamp <u>N/A</u> 3. Work Performed by Installation Services Authorization No. N/A Name Expiration Date <u>N/A</u> <u>Same as </u>#2 Address ASME CODE CLASS 2 4. Identification of System SAFETY INJECTION 5. (a) Applicable Const. Code <u>ANSI B31.1</u>19 <u>83</u>Ed., <u>N/A</u>Add.<u>N/A</u>Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Identification of Components Repaired or Replaced and Replacement Components · · · · · · Repaired ASME Other Replaced Code Name of Manuf. Name of Nat. Stamped or Component Serial Identi-Year Manufacturer Board Replace-(Yes Fication Built No. No. ment or No) NO N/A A36 (90) N/A REPLACE-1-GSI-R69 M&E# ASP# MENT 13675 1 CS PLATE 30-153181 N/A NO N/A A36 (91) REPLACE-1-GSI-R69 M&E# ASP# 11796 MENT .% CS PLATE 30-153216 N/A REPLACE -NO N/A A570 GR45 1-GSI-R69 M&E# ASP# (92) MENT 19770 1/8 CS PLATE 30-153123 N/A A36 (91) REPLACE-NO 1-GSI-V147 M&E# ASP# N/A MENT 16973 % CS PLATE 30-153148 7. Description of Work <u>REWORK SUPPORTS 1-GSI-R69 AND 1-GSI-V147 PER DESIGN</u>

CHANGE DCP-116.

6

Test Conducted: Hydrostatic 🛛

8.

N/A 🛛 Other 🗆

Pneumatic 🛛

Nominal Operating Pressure

Pressure <u>N/A</u>psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

42-563 Page 2 of 2

FORM NIS-2 (Back)

. 3

NIS-2-261-98

	Applicable Manufacturer's Data Reports to be attached	
-		
		<u>.</u>
	Ref. JO: C40467-11 DESIGN CHANGE: DCP-116	
	REPAIR/REPLACEMENT TRAVELER: C40467-11 ISI CLASS: 2	
	CERTIFICATE OF COMPLIANCE	
	rtify that the statements made in the report are correct and this	
	MENT conforms to the rules of the ASME Code, Section XI.	
repair or	r replacement	
Type Code	e Symbol Stamp <u>N/A</u>	
	ate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	
	Wayne Cretsinger, Senior Planner Date JAN. 15, 1998	
Signed		
	Owner or Owner's Designee, Title	
	· · · · · · · · · · · · · · · · · · ·	
	CERTIFICATE OF INSERVICE INSPECTION	

by <u>ARKWRIGHT MUTUAL INS. CC</u> have inspected the components	rs and the State or Province of <u>Michigan</u> and employ of <u>WALTHAM, MASS</u> . s described in this Owner's Report during the period (95), and state that to the best of my knowledg	
	rformed examinations and taken corrective measures	1
described in this Owner's Rep	port in accordance with the requirements of the ASME	
Code, Section XI.		
	e neither the Inspector nor his employer makes any	
	ed, concerning the examinations and corrective measures	
	port. Furthermore, neither the Inspector nor his	
	any manner for any personal injury or property damage o	r
a loss of any kind arising fr	rom or connected with this inspection.	
1 1		
MA Matasouch	Commissions Mich 0055, ENDNST	
Inspector's Signature	Commissions Mich 0055, END NJE National Board, State, Province, Endorsemen	ts
\mathcal{O}		
V		
V	98	
Date February 3 19	9 <i>6</i>	

As Required by the Provisions of the ASME Code Section XI 43-563

NIS-2-257-98

\sim	Owner <u>AMER</u>	ICAN ELECTRIC	POWER C	COMPANY	Date	01/0	9/98	
		Name						
	<u>P.O. Box 6</u>	50 Fort Wayne	<u>, IN 46</u>	801	Shee	t <u> </u>	of <u>3</u>	
		Address						
2.	Plant <u>D.C.</u>	COOK NUCLEAR	POWER P	PLANT	Unit	<u> </u>	1	
		Name						
	One Cook I	Place, Bridqm	an, MI 4	9106		C40-	467-12	
		Address			Rep	air Org. P	.O. No., Job	No., etc
					_			
з.	Work Perfor	med by <u>Install</u>	ation Se	ervices			ol Stamp <u>N</u>	
			Name		Aut	norization	No. <u>N/A</u>	
	Same	as #2			Exp	iration Dat	e <u>N/A</u>	
		Address			×			
4.	Identificat:	ion of System <u>C</u>	ONTAINME	INT SPRA	Y	A	SME CODE C	LASS 2
5.		ble Const. Code				N/A Ado	1. N/A	Code Case
2.		ble Edition of S						
	(D) Appilea	DIE BUICION OL 4	Section Al	L OCLIIZE	a for Keb	ATTO OT RCP	Lacemented 1.	<u> </u>
6.	Idontificat	ion of Component	ta Penaire	d or Rep	laced and	Replacemen	t Components	3
	Idenciitac		CB Reparte			1	Repaired	ASME
					Other	1	-	
	Nome of	Name of	Manuf.		00.01		Replaced	Code
	Name of	Name OF	manur.	Nat.		Year	or	Stamped

				Other		Replaced	Code
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Identi- Fication	Year Built	or Replace- ment	Stamped (Yes or No)
1-GCTS-R73	P.O. #	ASP#	N/A	SIZE B	N/A	REPLACE-	NO
IG #211N SWAY STRUT	66172-042-7X	19755		P.O. ITEM 3		MENT	
1-GCTS-R73 ½ CS PLATE	M&E# 30-153193	ASP# 15650	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
1-GCTS-R73 ¼ CS PLATE	M&E# 30-153185	ASP# 14257	N/A	A36 (93a)	N/A	REPLACE - MENT	NO
1-GCTS-R73 3/8 CS PLATE	M&E# 30-153143	ASP# 17466	N/A	A36 (93A)	N/A	REPLACE - MENT	NO
1-GCTS-R76 FIG #211N SWAY STRUT	P.O. # 66172-042-7X	ASP# 19755	N/A	SIZE 2 P.O. ITEM 4	N/A	REPLACE- MENT	NO
1-GCTS-R160A FIG #211N SWAY STRUT	P.O. # 66172-042-7X	ASP# 19755	N/A	SIZE C P.O. ITEM 5	N/A	REPLACE- MENT	NO
1-GCTS-R161 FIG #211N SWAY STRUT	P.O. # 66172-042-7X	ASP# 19755	N/A	SIZE C P.O. ITEM 6	N/A	REPLACE- MENT	NO
1-GCTS-R161 ½ CS PLATE	M&E# 30-153193	ASP# 15650	N/A	A36 (93a)	N/A	REPLACE- MENT	NO

7. Description of Work <u>INSTALLED AND MODIFIED SUPPORTS 1-GCTS-R73, 1-GCTS-R76,</u> 1-GCTS-R160A AND 1-GCTS-R-161 PER DESIGN CHANGE DCP-116.

	Test Conducted:	Hydrosta	tic 🗆	Pneumatic		Nominal	Opera	ating	Pressure	
\sim		N/A 🖾	Other 🛛	Pressure .	N/A	psi	Test	Temp.	N/A	°F

As Required by the Provisions of the ASME Code Section XI 44-563

NIS-2-257-98

1.	Owner <u>AMER</u>	ICAN ELECTRIC	POWER C	COMPANY	Date	01/0	9/98	
		Name						
	<u>P.O. Box (</u>	<u>60 Fort Wayne</u>	<u>, IN 46</u>	801	Sheet _	2	of <u>3</u>	· · · · · · · · · · · · · · · · · · ·
		Address						
2.	Plant <u>D.C.</u>	COOK NUCLEAR	POWER F	LANT	Unit	#	1	
		Name						
	<u>One Cook I</u>	<u>Place, Bridgm</u>	an, MI 4	9106			7-12	
		Address			Repair	Org. P.C). No., Job	No., etc
								1-
з.	Work Perfor	med by <u>Install</u>	<u>ation Se</u>	ervices		-	l Stamp <u>N</u>	
		1	Jame		Author	ization N	10. <u>N/A</u>	
	Same as #	2			Expira	tion Date	e <u>N/A</u>	
		Address						
4.	Identificat	ion of System <u>C</u>	ONTAINME	NT SPRA	ΥΥ	AS	ME CODE C	LASS 2
		•						
5.	(a) Applical	ble Const. Code	ANSI B3	1.1 19	<u>83</u> Ed., 1	J/A Add	N/A	_Code Case
		ble Edition of S						
						-		
6.	Identificat	ion of Component	s Repaire	d or Rep	laced and Re	placement	Components	3
	1						Repaired	ASME
					Other		Replaced	Code
	Name of		Manuf.	Nat.			or	Stamped
	Component	Name of	Serial	Board	Identi-	Year	Replace-	(Yes
'		Manufacturer	No.	No.	Fication	Built	ment	or No)
1-	-GCS-R218	M&E#	ASP#	N/A	HILTI KB	N/A	REPLACE-	NO
5/	8 HILTI	30-046274	14398		II 58-812		MENT	

7. Description of Work INSTALLED AND MODIFIED SUPPORTS 1-GCTS-R73, 1-GCTS-R76,

1-GCTS-R160A AND 1-GCTS-R161 PER DESIGN CHANGE DCP-116.

14398

30-046274

BOLT

Test Conducted: Hydrostatic 🗆 Pneumatic 🗆 Nominal Operating Pressure 8. N/A 🛛 Other 🗆 Pressure <u>N/A</u>psi Test Temp. N/A °F

45-563 Page 3 of 3

NIS-2-257-98

FORM NIS-2 (Back)

÷.

Remarks _	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C40467-12 DESIGN CHANGE: DCP-116
	REPAIR/REPLACEMENT TRAVELER: C40467-12 ISI CLASS: 2
	CERTIFICATE OF COMPLIANCE
_REPLACEM	tify that the statements made in the report are correct and this <u>IENT</u> conforms to the rules of the ASME Code, Section XI. replacement
Type Code	Symbol Stamp <u>N/A</u>
Certifica	te of Authorization No. N/A Expiration Date N/A
Signed	Wayne Cretsinger, Senior Planner Date AN, 9, 1998 Owner or Owner's Designee, Title
<u> </u>	
	CERTIFICATE OF INSERVICE INSPECTION
and Pressu by <u>ARKWF</u> have inspe <u><!--20/97</u--> and belief described Code, Sect By signing warranty, described employer s</u>	dersigned, holding a valid commission issued by the National Board of Boile are Vessel Inspectors and the State or Province of <u>Michigan</u> and employed <u>AIGHT MUTUAL INS. CO.</u> of <u>WALTHAM, MASS.</u> ected the components described in this Owner's Report during the period to $2/3/9^{s}$, and state that to the best of my knowledge in this Owner's Report in accordance with the requirements of the ASME tion XI. If this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.
ma	Autor Commissions Mulass CHNII
Inspect	cor's Signature Commissions <u>Milooss, 60 dN/J</u> National Board, State, Province, Endorsement
Date <u>F<b< u=""></b<></u>	rmry 319 <u>78</u>

As Required by the Provisions of the ASME Code Section XI 46-563

NIS-2-258-98 Owner AMERICAN ELECTRIC POWER COMPANY Date ____01/09/98 Name Sheet <u>1 of 3</u> <u>P.O. Box 60 Fort Wayne, IN 46801</u> Address 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1 Name One Cook Place, Bridgman, MI 49106 C40467-13 Address Repair Org. P.O. No., Job No., etc 3. Work Performed by Installation Services Type Code Symbol Stamp N/A Authorization No. <u>N/A</u> Name Same as #2 Expiration Date N/A Address Identification of SystemRESIDUAL HEAT REMOVALASME CODE CLASS 2(a) Applicable Const. CodeANSI B31.1 19 83Ed., N/A Add. N/A Code Case 4. 5. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Identification of Components Repaired or Replaced and Replacement Components б. Repaired ASME Other Replaced Code Name of Name of Manuf. Nat. Year Stamped or Component Manufacturer Serial Identi-Built Board Replace-(Yes No. Fication No. or No) ment 1-GRH-R7A M&E# ASP# N/A A36 (90) N/A REPLACE-NO 1 CS PLATE 30-153214 19099 MENT N/A SIZE C N/A REPLACE-1-GRH-R7A P.O. # ASP# NO P.O. ITEM MENT FIG #211N 66172-042-7X 19755 8 SWAY STRUT SIZE C REPLACE-1-GRH-R7B N/A N/A NO P.O. # ASP# P.O. ITEM 66172-042-7X 19755 MENT FIG #211N 9 SWAY STRUT N/A A36 (88c) N/A REPLACE-NO 1-GRH-R7B M&E# ASP# MENT 1% CS PLATE 30-153216 11796 N/A SIZE C N/A REPLACE~ NO 1-GRH-R47 P.O. # ASP# P.O. ITEM MENT 66172-042-7X 19755 FIG #211N 10 SWAY STRUT N/A HILTI KB REPLACE -M&E# N/A NO 1-GRH-R48 ASP# II 34-7 MENT 30-046279 14398 ¾ HILTI BOLT N/A SIZE C N/A 1-GRH-R48 P.O. # ASP# REPLACE-NO 66172-042-7X P.O. ITEM MENT 19755 FIG #211N SWAY STRUT 11 1-GRH-R48 N/A A36 (91) N/A REPLACE-NO M&E# ASP# 3/4 CS PLATE 30-153217 18084 MENT

7. Description of Work <u>INSTALLED AND MODIFIED SUPPORTS 1-GRH-R7A, 1GRH-R7B,</u> 1-GRH-R47, 1-GRH-R48, 1-ARH-R4000 AND 1-GRH-V2 PER DESIGN CHANGE DCP-116.

Test Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
N/A
Other
Pressure
N/A psi Test Temp.
N/A
F

As Required by the Provisions of the ASME Code Section XI 47-563

NIS-2-258-98

. Owner AMER	ICAN ELECTRIC	POWER	COMPANY	Date	01/0	19/98	
· ••••••••••••••••••••••••••••••••••••	Name	2 2 011211	0011211111				
P.O. Box	60 Fort Wayne	e. TN 4	6801	Sheet	2	of 3	
<u>1.0. 2011</u>	Address	<u> </u>	<u></u>				-PULK 118.848.4
. Plant D.C.	COOK NUCLEAR	R POWER	PLANT	Unit	#	1	
	Name				1		
One Cook	Place, Bridge	nan. MI	49106		C404	67-13	
	Address			Repair		O. No., Job	No., etc
Work Perfor	med by <u>Install</u>	<u>lation S</u>	<u>ervices</u>	Туре С	ode Symb	ol Stamp <u>N</u>	/A
		Name		Author	ization	No. N/A	
Same as	#2			_ Expira	tion Dat	e N/A	
	Address			- <u>-</u>			
Identificat	ion of System <u>F</u>	RESIDUAL	HEAT R	EMOVAL	A	SME CODE C	LASS 2
(a) Applica	ble Const. Code	ANSI B3	<u>1.1</u> 19	<u>83</u> Ed.,	N/A Ado	d. <u>N/A</u>	_Code Case
	ble Edition of						
					-		· · · · · · · · · · · · · · · · · · ·
Identificat	ion of Componen	ts Repair	ed or Rep	placed and Re	placemen	t Component	s
· ·· · · · · · · · · · · · · · · · · ·		1				Repaired	ASME
_				Other		Replaced	Code
Name of		Manuf.	Nat.			or	Stamped
Component	Name of	Serial	Board	Identi-	Year	Replace-	(Yes
	Manufacturer	No.	No.	Fication	Built	ment	or No)
1-ARH-R4000	M&E#	ASP#	N/A	A500 GR B	N/A	REPLACE-	NO
2 x 2 x ¼	30-150165	17922		(90)		MENT	
TUBE STEEL							
L-ARH-R4000	M&E#	ASP#	N/A	A36 (93a)	N/A	REPLACE-	NO
3/4 CS PLATE	30-153195	13747				MENT	
1-ARH-R4000	M&E#	ASP#	N/A	A500 GR B	N/A	REPLACE-	NO
3 x 3 x ¼	30-150169	18929		(90)		MENT	
TUBE STEEL				1 225 (02-)	27/2		110
1-ARH-R4000 % CS PLATE	M&E#	ASP#	N/A	A36 (93a)	N/A	REPLACE-	NO
- 	30-153195	15663			l	MENT	
L-ARH-R4000 5/8 HILTI	M&E#	ASP#	N/A	HILTI KB	N/A	REPLACE-	NO
BOLT	30-046274	14398		II 58-812		MENT	
1-GRH-V2	M&E#	ASP#	N/A	HILTI KB	N/A	REPLACE-	NO
5/8 HILTI	M&E# 30-046272	ASP# 16284	N/A	II 58-6		MENT	INC
BOLT	50-0-02/2	10204	1	11 30-0		1.11914 T	
				1		-	-
· · · · · · · · · · · · · · · · · · ·							
	1			_L			_L

7. Description of Work <u>INSTALLED AND MODIFIED SUPPORTS 1-GRH-R7A, 1GRH-R7B,</u> <u>1-GRH-R47, 1-GRH-R48, 1-ARH-R4000 AND 1-GRH-V2 PER DESIGN CHANGE DCP-116.</u>

8. Test Conducted: Hydrostatic
Pneumatic
N/A Other
Pressure <u>N/A</u> psi Test Temp.<u>N/A</u>°F

48-563

Page 3 of 3

FORM NIS-2 (Back)

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NIS-2-258-98

Remarks	
	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C40467-13 DESIGN CHANGE: DCP-116
	REPAIR/REPLACEMENT TRAVELER: C40467-13 ISI CLASS: 2
	CERTIFICATE OF COMPLIANCE
REPLACEM	tify that the statements made in the report are correct and this <u>ENT</u> conforms to the rules of the ASME Code, Section XI. replacement
	Symbol Stamp <u>N/A</u>
Signed	Wayne Cretsinger, Senior Planner Date Date AH. 9, 19 98
	CERTIFICATE OF INSERVICE INSPECTION
and Pressu:	ersigned, holding a valid commission issued by the National Board of Boiler re Vessel Inspectors and the State or Province of <u>Michiqan</u> and employed IGHT MUTUAL INS. CO of <u>WALTHAM, MASS.</u>
nave insper <u>2-6-97</u> and belief described	cted the components described in this Owner's Report during the period to $1 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3$
warranty, described employer s	ton XI. this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.
MI	or's Signature Commissions Michaels, End NEL National Board, State, Province, Endorsement
Inspect	or's Signature National Board, State, Province, Endorsement:
Date Jann	ARY 30 19 98

As Required by the Provisions of the ASME Code Section XI 49-563

NIS-2-259-98

Or man A MIT	TON FIROTIC	מקואסם א	~^ N ATI N NIV	D = + -	01/0	0.400	
. Owner <u>AME</u>	RICAN ELECTRIC	POWER (Date	01/0	19/98	
P O Boy	60 Fort Wayne	TN A	6901	Shoot	1	of 3	
<u>F.O. BOX</u>	Address	5, IN 4	0001	Sheet	<u>ــــــــــــــــــــــــــــــــــــ</u>	01	
. Plant D.C	. COOK NUCLEAF	POWER	PLANT	Unit	#	1	
	Name		<u></u>		······································		
One Cook	Place, Bridge	nan, MI	49106		C404	467-14	
	Address					O. No., Job	No., etc
. Work Perfo	rmed by <u>Instal</u>	<u>lation S</u>	ervices		-	ol Stamp <u>N</u>	
		Name		Author	ization 1	No. <u>N/A</u>	
Same	<u>as #2</u>			Expira	tion Dat	e <u>N/A</u>	
	Address						
	tion of System <u>F</u>						
	able Const. Code						
(b) Applic	able Edition of	Section X	I Utilize	ed for Repair	s or Rep	lacements 1	9 <u>89</u>
					-		
. Identifica	tion of Componen	ts Repair	ed or Rep	laced and Re	placemen		
				Other		Repaired	ASME
Name of	Name of	Manuf.	Nat.		Year	Replaced or	Code Stamped
Component	Manufacturer	Serial	Board	Identi-	Built	Replace-	(Yes
		No.	Doura	The second second	24110	Inoprade	
		_ NO.	No.	Fication		ment	or No)
1-GRH-R60	M&E#				N/A	ment REPLACE-	or No) NO
1-GRH-R60 5/8 CS PLATE	M&E# 30-153194	ASP# 19148	No. N/A	A36 (93)	N/A		
	30-153194	ASP#	N/A	A36 (93)		REPLACE -	
5/8 CS PLATE		ASP# 19148			N/A N/A	REPLACE - MENT	NO
5/8 CS PLATE	30-153194 M&E#	ASP# 19148 ASP#	N/A	A36 (93)		REPLACE - MENT REPLACE -	NO
5/8 CS PLATE 1-GRH-R60 ½ CS PLATE	30-153194 M&E# 30-153188	ASP# 19148 ASP# 19061	N/A N/A	A36 (93) A36 (93a)	N/A	REPLACE - MENT REPLACE - MENT	NO NO
5/8 CS PLATE 1-GRH-R60 ½ CS PLATE 1-GRH-R52	30-153194 M&E# 30-153188 M&E#	ASP# 19148 ASP# 19061 ASP#	N/A N/A	A36 (93) A36 (93a) A240	N/A	REPLACE - MENT REPLACE - MENT REPLACE -	NO NO
<pre>5/8 CS PLATE 1-GRH-R60 ½ CS PLATE 1-GRH-R52 ¾ SS PLATE 1-GRH-R52</pre>	30-153194 M&E# 30-153188 M&E#	ASP# 19148 ASP# 19061 ASP#	N/A N/A	A36 (93) A36 (93a) A240 TP304	N/A	REPLACE - MENT REPLACE - MENT REPLACE -	NO NO
5/8 CS PLATE 1-GRH-R60 ½ CS PLATE 1-GRH-R52 ¾ SS PLATE	30-153194 M&E# 30-153188 M&E# 30-153221	ASP# 19148 ASP# 19061 ASP# 18688	N/A N/A N/A	A36 (93) A36 (93a) A240 TP304 (89b)	N/A N/A	REPLACE - MENT REPLACE - MENT REPLACE - MENT	NO NO NO
<pre>5/8 CS PLATE 1-GRH-R60 ½ CS PLATE 1-GRH-R52 ¾ SS PLATE 1-GRH-R52</pre>	30-153194 M&E# 30-153188 M&E# 30-153221 M&E#	ASP# 19148 ASP# 19061 ASP# 18688 ASP#	N/A N/A N/A	A36 (93) A36 (93a) A240 TP304 (89b)	N/A N/A	REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE-	NO NO NO
<pre>5/8 CS PLATE 1-GRH-R60 ½ CS PLATE 1-GRH-R52 ¾ SS PLATE 1-GRH-R52 5/8 CS PLATE 1-ARH-R4001 FIG #211N</pre>	30-153194 M&E# 30-153188 M&E# 30-153221 M&E# 30-153194	ASP# 19148 ASP# 19061 ASP# 18688 ASP# 19148	N/A N/A N/A	A36 (93) A36 (93a) A240 TP304 (89b) A36 (93) SIZE 2 P.O. ITEM	N/A N/A N/A	REPLACE - MENT REPLACE - MENT REPLACE - MENT REPLACE - MENT	NO NO NO
<pre>5/8 CS PLATE 1-GRH-R60 ½ CS PLATE 1-GRH-R52 ¾ SS PLATE 1-GRH-R52 5/8 CS PLATE 1-ARH-R4001</pre>	30-153194 M&E# 30-153188 M&E# 30-153221 M&E# 30-153194 P.O. #	ASP# 19148 ASP# 19061 ASP# 18688 ASP# 19148 ASP#	N/A N/A N/A	A36 (93) A36 (93a) A240 TP304 (89b) A36 (93) SIZE 2	N/A N/A N/A	REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE-	NO NO NO
<pre>5/8 CS PLATE 1-GRH-R60 ½ CS PLATE 1-GRH-R52 ¾ SS PLATE 1-GRH-R52 5/8 CS PLATE 1-ARH-R4001 FIG #211N SWAY STRUT 1-ARH-R4001</pre>	30-153194 M&E# 30-153188 M&E# 30-153221 M&E# 30-153194 P.O. #	ASP# 19148 ASP# 19061 ASP# 18688 ASP# 19148 ASP#	N/A N/A N/A	A36 (93) A36 (93a) A240 TP304 (89b) A36 (93) SIZE 2 P.O. ITEM	N/A N/A N/A	REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE-	NO NO NO
<pre>5/8 CS PLATE 1-GRH-R60 ½ CS PLATE 1-GRH-R52 ½ SS PLATE 1-GRH-R52 5/8 CS PLATE 1-ARH-R4001 FIG #211N SWAY STRUT</pre>	30-153194 M&E# 30-153188 M&E# 30-153221 M&E# 30-153194 P.O. # 66172-042-7X	ASP# 19148 ASP# 19061 ASP# 18688 ASP# 19148 ASP# 19755	N/A N/A N/A N/A N/A	A36 (93) A36 (93a) A240 TP304 (89b) A36 (93) SIZE 2 P.O. ITEM 12	N/A N/A N/A N/A	REPLACE - MENT REPLACE - MENT REPLACE - MENT REPLACE - MENT REPLACE - MENT	NO NO NO NO
<pre>5/8 CS PLATE 1-GRH-R60 ½ CS PLATE 1-GRH-R52 ½ SS PLATE 1-GRH-R52 5/8 CS PLATE 1-ARH-R4001 FIG #211N SWAY STRUT 1-ARH-R4001</pre>	30-153194 M&E# 30-153188 M&E# 30-153221 M&E# 30-153194 P.O. # 66172-042-7X M&E#	ASP# 19148 ASP# 19061 ASP# 18688 ASP# 19148 ASP# 19755 ASP#	N/A N/A N/A N/A N/A	A36 (93) A36 (93a) A240 TP304 (89b) A36 (93) SIZE 2 P.O. ITEM 12	N/A N/A N/A N/A	REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE-	NO NO NO NO
<pre>5/8 CS PLATE 1-GRH-R60 ½ CS PLATE 1-GRH-R52 ¾ SS PLATE 1-GRH-R52 5/8 CS PLATE 1-ARH-R4001 FIG #211N SWAY STRUT 1-ARH-R4001 1 CS PLATE</pre>	30-153194 M&E# 30-153188 M&E# 30-153221 M&E# 30-153194 P.O. # 66172-042-7X M&E# 30-153214	ASP# 19148 ASP# 19061 ASP# 18688 ASP# 19148 ASP# 19755 ASP# 19099	N/A N/A N/A N/A N/A	A36 (93) A36 (93a) A240 TP304 (89b) A36 (93) SIZE 2 P.O. ITEM 12 A36 (90)	N/A N/A N/A N/A	REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE- MENT	NO NO NO NO NO
<pre>5/8 CS PLATE 1-GRH-R60 ½ CS PLATE 1-GRH-R52 ½ SS PLATE 1-GRH-R52 5/8 CS PLATE 1-ARH-R4001 FIG #211N SWAY STRUT 1-ARH-R4001 1 CS PLATE 1-ARH-R4001</pre>	30-153194 M&E# 30-153188 M&E# 30-153221 M&E# 30-153194 P.O. # 66172-042-7X M&E# 30-153214 M&E#	ASP# 19148 ASP# 19061 ASP# 18688 ASP# 19148 ASP# 19755 ASP# 19099 ASP#	N/A N/A N/A N/A N/A	A36 (93) A36 (93a) A240 TP304 (89b) A36 (93) SIZE 2 P.O. ITEM 12 A36 (90) HILTI KB	N/A N/A N/A N/A	REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE-	NO NO NO NO NO
<pre>5/8 CS PLATE 1-GRH-R60 ½ CS PLATE 1-GRH-R52 ½ SS PLATE 1-GRH-R52 5/8 CS PLATE 1-ARH-R4001 FIG #211N SWAY STRUT 1-ARH-R4001 1 CS PLATE 1-ARH-R4001 1 HILTI BOLT</pre>	30-153194 M&E# 30-153188 M&E# 30-153221 M&E# 30-153194 P.O. # 66172-042-7X M&E# 30-153214 M&E# 30-153214	ASP# 19148 ASP# 19061 ASP# 18688 ASP# 19148 ASP# 19755 ASP# 19099 ASP# 19099	N/A N/A N/A N/A N/A N/A N/A	A36 (93) A36 (93a) A240 TP304 (89b) A36 (93) SIZE 2 P.O. ITEM 12 A36 (90) HILTI KB II 1-12	N/A N/A N/A N/A N/A	REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE- MENT REPLACE- MENT	NO NO NO NO NO NO

7. Description of Work <u>INSTALLED AND MODIFIED SUPPORTS 1-GRH-R60, 1-GRH-R52,</u> <u>1-ARH-R4001 AND 1-ARH-R4002 PER DESIGN CHANGE DCP-116.</u>

8. Test Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
N/A
Other
Pressure <u>N/A</u>psi Test Temp. <u>N/A</u>°F

As Required by the Provisions of the ASME Code Section XI 577-583

NIS-2-259-98

. Owner <u>AMER</u>	ICAN ELECTRIC	C POWER	COMPANY	Date _	01/0	9/98	
P.O. Box	Name 60 Fort Wayne Address	e, IN 4	6801	Sheet	2	of3	
. Plant <u>D.C.</u>	COOK NUCLEAF	R POWER	PLANT	Unit	#	1	· · · · · · · · · · · · · · · · · · ·
<u>One Cook</u>	<u>Place, Bridgn</u> Address	nan, MI	49106			<u>67-14</u> O. No., Job	No., etc
. Work Perfor	med by <u>Install</u>	Lation So Name	ervices		-	ol Stamp <u>N</u> No. N/A	
Same as ‡	\$2					e <u>N/A</u>	
. Identificat	Address ion of System <u>F</u>	RESIDUAL	HEAT RI	EMOVAL	A	SME CODE C	LASS 2
(b) Applica	ble Const. Code ble Edition of ion of Componen	Section X	I Utilize	ed for Repair	s or Rep	lacements 1	989
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- Fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
1-ARH-R4002 6 x 6 x ¼ TUBE STEEL	M&E# 30-153273	ASP# 18454	N/A	A500 GR B (90)	N/A	REPLACE- MENT	NO
1-ARH-R4002 1 CS PLATE	M&E# 30-153214	ASP# 19099	N/A	A36 (90)	N/A	REPLACE - MENT	NO
1-ARH-R4002 1 HILTI BOLT	M&E# 30-046288	ASP# 14640	N/A	HILTI KB II 1-12	N/A	REPLACE - MENT	NO
1-ARH-R4002 ¼ CS PLATE	M&E# 30-153128	ASP# 19034	N/A	A36 (90)	N/A	REPLACE- MENT	NO
1-ARH-R4002 3/8 CS PLATE	M&E# 30-153142	ASP# 17917	N/A	A36 (90)	N/A	REPLACE- MENT	NO
1-ARH-R4002 1½ CS PLATE	M&E# 30-153216	ASP# 11796	N/A	A36 (88c)	N/A	REPLACE- MENT	NO
				1			

1-ARH-R4001 AND 1-ARH-R4002 PER DESIGN CHANGE DCP-116.

8. Test Conducted: Hydrostatic \Box Pneumatic \Box Nominal Operating Pressure \Box N/A \boxtimes Other \Box Pressure <u>N/A</u> psi Test Temp.<u>N/A</u> °F

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NIS-2-259-98

FORM NIS-2 (Back)

. :

	Applicable Manufacturer's Data Repo	orts to be attached
	Ref. JO: C40467-14 DES	IGN CHANGE: DCP-116
	REPAIR/REPLACEMENT TRAVELER: C	40467-14 ISI CLASS: 2
	CERTIFICATE OF COMP	LIANCE
<u>REPLACEME</u> repair or	tify that the statements made in the re ENT conforms to the rules of replacement	
	Symbol Stamp <u>N/A</u> te of Authorization No. <u>N/A</u>	Expiration Date <u>N/A</u>
(Signed	bio CA	ate JAN. 9 , 1998
	CERTIFICATE OF INSERVICE	INSPECTION
and Pressur by <u>ARKWRJ</u> have inspec <i>w/25/97</i> and belief, described	ersigned, holding a valid commission is re Vessel Inspectors and the State or IGHT MUTUAL INS. CO. of cted the components described in this to <u>2/3/9</u> , and st , the Owner has performed examinations in this Owner's Report in accordance w	Province of <u>Michigan</u> and employed WALTHAM, MASS. Owner's Report during the period ate that to the best of my knowledge and taken corrective measures
varranty, e described : employer sh	ion XI. this certificate neither the Inspecto expressed or implied, concerning the e in this Owner's Report. Furthermore, hall be liable in any manner for any p any kind arising from or connected wit	xaminations and corrective measures neither the Inspector nor his ersonal injury or property damage or
MA B	Commissions Mai ou	oss, EndNSI
Inspecto	or's Signature National	Board, State, Province, Endorsements
Date <u>Febr</u>	19 92	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI 52-563

NIS-2-262-98

n de la composition d La composition de la c

n 9. ¹ - ² -

Owner <u>In Ibr</u>	RICAN ELECTRIC		<u>COMPANY</u>	Date _	01/1	5/98	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
<u>P.O. Box</u>	60 Fort Wayne	, IN 46	5801	Sheet	1	of2	
	Addre				11	7	
Plant <u>D.C.</u>	COOK NUCLEAR		PLANT	Unit _		1	
	Nan Dlaga Daidem		10106		C104	167-15	
<u>Une Cook</u>	Place, Bridgm Addre	all, MI 4 SS	19100	Repair). No., Job	No., etc
Work Perfo	rmed by <u>Install</u>		ervices	-		ol Stamp <u> </u>	
NOIN IGILO	2	Name				No. N/A	
Same	as #2			Expira	ation Dat	e <u>N/A</u>	
	Addre	ess					
Identificat	tion of System <u>C</u>	HEMICAL	AND VOI	LUME CONTRO	DL AS	SME CODE C	CLASS 1
(a) Applical	ole Const. Code	ANSI B3	<u>1.1</u> 19 _	<u>83</u> Ed.,	<u>N/A</u> Add	1. <u>N/A</u>	_Code Case
(b) Applical	ole Edition of Se	ection XI	Utilized	l for Repairs	or Repla	acements 19	89
Identificat	tion of Component	s Repaire	ed or Rep	laced and Re	placemen	t Component	S
				Other		Repaired	ASME
Name of	Name of	Manuf.	Nat.	Other		Replaced	Code Stamped
Component	Manufacturer	Serial	Board	Identi-	Year	or Replace-	(Yes
	handraddaror	No.	No.	Fication	Built	ment	or No)
	 M&E#	ASP#	N/A	A36 (90)	N/A	REPLACE-	NO
-GCS-R97		13430	N/A	A30 (50)		MENT	
2½ x 2½ x ½ CS ANGLE	30-153015	13430					
-GCS-R215	M&E#	ASP#	N/A	A36 (90)	N/A	REPLACE -	NO
$2 \times 2 \times 3/8$	30-153030	19842				MENT	
CS ANGLE	50 133030						
	<u> </u>						
			<u> </u>				
					1		
						· .	

53-563 Page 2 of 2

NIS-2-262-98

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Re ~

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	FORM NIS-2 (Back)	
Remarks		
	Applicable Manufacturer's Data Reports to be attached	
	Ref. JO: C40467-15 DESIGN CHANGE: DCP-116	
	Rel. 00. C40407-15 DEDIGN CHANGE. Del 110	
	REPAIR/REPLACEMENT TRAVELER: C40467-15 ISI_CLASS: 2	· · ·
		• ·
	CERTIFICATE OF COMPLIANCE	
	the state of the second the second the	
We ce	ertify that the statements made in the report are correct and this <u>EMENT</u> conforms to the rules of the ASME Code, Section XI.	
	or replacement	
repair (JE TEPTACEMENT	
Tyme Cor	le Symbol Stamp <u>N/A</u>	
Type cot		
Certific	cate of Authorization NoN/A Expiration DateN/A	
	(m) (m) (m) (m) (m) (m)	
Signed _	Wayne Cretsinger, Senior Planner Date JAM, 15, 1998)
	Owner or Owner's Designee, Title	
	CERTIFICATE OF INSERVICE INSPECTION	
	CERTIFICATE OF INDERVICE INDINCTION	
T the u	ndersigned, holding a valid commission issued by the National Board	of Boiler
And Pres	sure Vessel Inspectors and the State or Province of <u>Michigan</u> and	d employed
	WRIGHT MUTUAL INS. CO. of <u>WALTHAM</u> , MASS.	
have inst	pected the components described in this Owner's Report during the p	eriod
	to $\frac{2}{25}$, and state that to the best of my	
and beli	ef, the Owner has performed examinations and taken corrective measu	ires
describe	d in this Owner's Report in accordance with the requirements of the	ASME
	ction XI.	
	ning this certificate neither the Inspector nor his employer makes	any
	, expressed or implied, concerning the examinations and corrective	
	d in this Owner's Report. Furthermore, neither the Inspector nor h	
employer	shall be liable in any manner for any personal injury or property	damage or
a loss o	f any kind arising from or connected with this inspection.	
	n	
21/1	Commissions Mich 1955, ENCH NET ctor's Signature National Board, State, Province, En	
Inspe	ctor's Signature National Board, State, Province, En	ndorsements
	V	
Date <u>F</u>	brunny 25 19 98	
		an an Artana Artana Artana

As Required by the Provisions of the ASME Code Section XI 54^{-1}

NIS-2-201-97

563

\bigcirc	Owner AMERICAN ELECTRIC POWER COMPANY	Date <u>12/12/97</u>
	Name	
	P.O. Box 60 Fort_Wayne, IN 46801	Sheet 1 of 2
	Address	ja 1-5.98
2.	Plant D.C. COOK NUCLEAR POWER PLANT	Unit <u># 21</u>
	Name	
	<u>One Cook Place, Bridgman, MI 49106</u>	C40467-16
	Address	Repair Org. P.O. No., Job No., etc
3.	Work Performed by Installation Services	Type Code Symbol Stamp N/A
	Name	Authorization No. N/A
	Same as #2	Expiration Date N/A
	Address	
4.	Identification of System <u>SAFETY INJECTION</u>	ASME CODE CLASS 2
5.	(a) Applicable Const. Code ANSI B31.1_19 83Ed	A., N/A Add. N/A Code Case
	(b) Applicable Edition of Section XI Utilized for	

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- Fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
-GSI-V156 A x 7 HILTI BOLT	M&E# 30-046279	ASP# 14398	N/A	HILTI KB II 34-7	N/A	REPLACE- MENT	NO
1-GSI-V156 ¾ x 10 HILTI BOLT	M&E# 30-046281	ASP# 16861	N/A	HILTI KB II 34-10	N/A	REPLACE- MENT	NO
1-GSI-V156 3 x 3 x 3% CS ANGLE	M&E# 30-153032	ASP# 18722	N/A	A36 (90)	N/A	REPLACE - MENT	NO

7. Description of Work MODIFY SUPPORT 1-GSI-V156 PER DESIGN CHANGE DCP-116.

8. Test Conducted: Hydrostatic \Box Pneumatic \Box Nominal Operating Pressure \Box N/A \boxtimes Other \Box Pressure <u>N/A</u> psi Test Temp.<u>N/A</u> °F

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NIS-2-201-97

FORM NIS-2 (Back)

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C40467-16 DESIGN CHANGE: DCP-116

REPAIR/REPLACEMENT TRAVELER: C40467-16 ISI CLASS: 2

We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp <u>N/A</u>	
Certificate of Authorization No. <u>N/A</u>	Expiration Date <u>N/A</u>
Signed <u>Wayne Cretsinger, Senfor Planner</u> Owner or Owner's Designee, Title	Date DEC. 12, 1997

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 <u>Michigan</u> and employed by <u>ARKWRIGHT MUTUAL INS. CO.</u> of <u>WALTHAM, MASS.</u> have inspected the components described in this Owner's Report during the period $\frac{M-25-97}{2}$ to $\frac{J-5-95}{2}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any
warranty, expressed or implied, concerning the examinations and corrective measures
described in this Owner's 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.
Mature paugh Commissions Mich 0055, END NET
Inspector's Signature National Board, State, Province, Endorsements
Date January 5 19 98

Page 1 of 2

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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 04-24-97
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0040743-02</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-DCR-310
3.	Work Performed by: AEP/D.C. COOK Maintenance Departr	nent

- 4. Identification of System: <u>BLOWDOWN</u>
- 5. (a) Applicable Construction Code: <u>ANSI B31.1, 1983 Ed.</u> NO Add., Code Case:_____
 - (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
- 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-DCR-310						
BONNET	ASTM# 182 GR-F5A	NELES JAMESBURY	M&E# 30-040710 ASP# 17154	N/A	REPLACED	NO
PLUG	ASTM# A-582	NELES JAMESBURY	M&E# 30-040938 ASP# 14557	N/A	REPLACED	NO
			-			

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure VT-2 NDE:

Pressure: psi Test Temperature F.

Page 2 of 2

Description of Work: The valve was repaired using a new bonnet and plug. A VT-2 &

57-563

VT-3 exams were preformed.

Job Order/File: C0040743-02 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> replacement conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA	······	
Certificate of Authorization Mo	/ NA	Expiration D	Date NA
Certificate of Authorization No Signed: Dewayne Timmons M	Aaint. Weldir	ng Supervisor	Date/-/0-01
Owner o	r Owner's Desig	mee, Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period 4-23-97 to 1-11-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

m & Muterspansk	Commissions	MICH0055, ENDROFI
Inspector's Signature	-	National Board, State, Province, Endorsements
Date: <u>J</u>	N 11	<u>19 200 i</u>

58-563

Page 1 of 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_10-16-98
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0040743-11</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-DCR-310
3.	Work Performed by: AEP/D.C. COOK Maintenance	e Department
4.	Identification of System: <u>BLOWDOWN</u>	

5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, <u>1983 Ed.</u> <u>NO Add.</u>, Code Case:_____

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
ALL THREAD	ASME# SA-193 62 B7	N/A	M&E# 30-211590 ASP# 20425	N/A	REPLACED	NO
NUTS	ASME# SA-194 GL 2H	N/A	M&E# 30-211860 ASP# 15684	N/A	REPLACED	NO

7. Hydrostatic NA Pneumatic: NA Nomial Operating Pressure VT-2 NDE:PT

Pressure: psi Test Temperature F.

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Page 2 of 2

Description of Work: The valve was repaired using new all thread and nuts. A VT-2 test

was also preformed. A PT was performed per Section III NC-2570 1986 ED no

Addenda.

Job Order/File: C0040743-11 ISI CLASS 2

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol Stamp
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed: Dewayne Timmons Maint. Welding Supervisor Date <u>12-11-20</u>
Signed: Dewayne Timmons Maint. Welding Supervisor Date <u>12-11-20</u> Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period 5-5-97 to 12-13-99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

 MA Thutespace
 Commissions
 Michooss.cod
 Kit

 Inspector's Signature
 National Board. State, Province, Endorsements
 19 2000 Date: December 13

Page 1 of 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

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ASME

3.	One Cook Place, Bridgn Work Performed by: AE		*	t <u>#_1-DCR-31</u>	
4.	Identification of System	BLOWDOWN			
<u>5.</u>	(a) Applicable Construct	ion Code: ANSI-B3	1.1-1983 Ed. NO Add.,	Code Case <u>:N-</u>	416-1
	(b) Applicable Edition o	f Section XI Utilize	d for Repairs or Replacemen	ts <u>: 1989, No A</u>	<u>ddenda</u>
6.	Identification of Con	ponents Repaire	d or Replaced and Repla	icement Con	iponents
Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP#	Year built	Repaired Or Replaced

Component	AISI designation:	Manufacture	M&E# ASP# P.O.#		Or Replaced	Code Stamped Yes/No
 1-DCR-310	ER-70S-2	NA	M&E 30-045392 ASP 20627	NA	REPAIR	NO

 7.
 Hydrostatic NA
 Pneumatic
 N/A Nominal Operating Pressure

 NDE:
 PT/VT-2
 Pressure: psi
 Test Temperature
 F.

Description of work: THE VALVE WAS REPAIED BY MACHINING. AND WELD PIPE, HAD PT/VT-2 PERFORMED

1	1	51	3
6	l	$\mathcal{I}_{\mathcal{O}}$	-

Job Order/File:)743-15	ISI Class	2
CERT	IFICATE OF COM	PLIANCE	
We certify that the statement replacement conforms to the rul	-		
Type Code Symbol Stam	pNA	руданний наруки с на кал	
Certificate of Authorizati	on No. NA	Expiration Date <u>M</u>	<u>A</u>
Signed: <u>Dewayne Timmons</u> ,	welding supervisor		Date_/-31-01
U ¹	wner or Owner's Designed		

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period $\frac{2 - 2 - 98}{2 - 2 - 98}$ to $\frac{2 - 2 - 0}{2 - 2 - 0}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

and whome how of connected y fur this hispeet	
MA Muturenaug Commissions	MICH0055, GNONEI
Inspector's Signature	National Board, State, Province, Endorsements
Data: ~ t 7	10
Date: Feb 2	

As Required by the Provisions of the ASME Code Section XI

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	Owner AN	IERICAN ELECTRI		COMPANY	Date	Februar	y 15, 200	1
	P.O. Bo	Name 0x 60 Fort Wayne Addr	e, IN 46	5801	Sheet	1	of2	
2.	Plant \underline{D}	C. COOK NUCLEAR	R POWER B	PLANT	Unit	# 1		
	One Coo	ok Place, Bridg		9106		0885-05		
		Addr			—		No., Job	
3.	Work Per	formed by Mainte	nance De	partmen		-	ol Stamp <u>N</u>	I/A
			Name				No. <u>N/A</u>	
	Sam	e as #2			Expira	ation Dat	e <u>N/A</u>	,
		Addr						
4.	Identifi	cation of System_	Main St	eam			IE CODE CL	
5.	(a) Appli	cable Const. Code	ANSI B3	1.1_19_	<u>83</u> Ed.,]	N/A Add	. <u>N/A</u>	_Code Case
	(b) Appli	cable Edition of S	Section XI	Utilized	for Repairs	or Repla	acements 198	39
6.	Identifi	cation of Componer	ts Repaire	ed or Rep	laced and Re	placement	Components	3
					Other		Repaired	ASME
•	Name of	Name of	Manuf.	Nat.	Other		Replaced	Code
	omponent	Manufacturer	Serial	Board	Identi-	Year	or Replace-	Stamped (Yes
		Manuraccurer	No.	NO.	Fication	Built	ment	or No)
<u> </u>			N/A	N/A	Existing	N/A	Repaired	No
1 1-	MRV-223	N/A	N/A	N/A	EXISCING	N/A	Repaired	110
<u> </u>								· · · · · · · · · · · · · · · · · · ·
 								
1							· · · · · · · · · · · · · · · · · · ·	
F								
		· · ·						
L	<u></u>				I	<u> </u>	L	<u> </u>

7. Description of work <u>Machine Gasket Seating Surface of Valve Body</u>. The machined surfaces were examined by PT.

8.	Test Conducted:	Hydrosta	tic 📋	I	Pneumatic		Nominal	Operating	Pressure 🗌
		N/A 🗵	Other		Pressure	N/F	A_psi	Test Temp.	. <u>N/A</u> f

	PT
Remarks	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C40885-05 Design Change: N/A
	Repair/Replacement Plan: C40885-05 ISI Class: 2
We ce	CERTIFICATE OF COMPLIANCE ertify that the statements made in the report are correct and this
REPLACE Repair o	ertify that the statements made in the report are correct and this <u>EMENT</u> conforms to the rules of the ASME Code, Section XI. or replacement
REPLACE Repair o Type Coo	ertify that the statements made in the report are correct and this EXMENT conforms to the rules of the ASME Code, Section XI.

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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 <u>Michigan</u> and employed
by FACTORY MUTILAL INSURANCE Co. of Johnston, R.I. 02919
Have inspected the components described in this Owner's Report during the period
in the state that to the best of my knowledge
and belief, the Owner has performed examinations and taken corrective measures
described in this Owner's Report in accordance with the requirements of the ASME
Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any

Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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.

<u>MA Materspaugl</u> Commissions <u>Mich 2055</u>, <u>ENAN</u> Inspector's Signature National Board, State, Province, Endorsements Date <u>Feb 19</u> 20 01

As Required by the Provisions of the ASME Code Section XI

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Owner AMER	ICAN ELECTRIC	POWER C	COMPANY	Date	Februar	y 15, 200	1
P.O. Box 6	50 Fort Wayne	, IN 46	5801	Sheet	1_0	of2	
	Addre	ess					
2. Plant <u>D.C.</u>	COOK NUCLEAR		PLANT	Unit	# 1		
	Nan Dlaga Dwidgm		0106	CAO	887-05		
Une Cook I	Place, Bridgm Addre		100			. No., Job	No., etc
. Work Perfor	med by Mainter		partmen	-		ol Stamp N	
. WOLK ICITOI		Name	•			IO. N/A	
Same a	s #2			Expira	tion Date	e N/A	
	Addre						
. Identificat:	ion of System	Main St	eam			IE CODE CL	
. (a) Applicabl	le Const. Code	ANSI B3	1.1_19_	<u>83</u> Ed., <u>1</u>	J/A Add	. <u>N/A</u>	Code Case
(b) Applicab	le Edition of Se	ection XI	Utilized	for Repairs	or Repla	acements 198	39
. Identificat	ion of Component	s Repaire	ea or kep I	laced and Re	placement	Repaired	ASME
_				Other		Replaced	Code
Name of	Name of	Manuf.	Nat.	Identi-	Year	or	Stamped
Component	Manufacturer	Serial No.	Board No.	Fication	Built	Replace- ment	(Yes or No)
1-MRV-233	M&E#	ASP#	N/A	SA 564	N/A	Repaired	No
Plug and	30-040007	19947	1,11				
Stem							
Assembly							
·							+
							11
	· · · · · · · · · · · · · · · · · · ·						
			1				
	I	<u> </u>					
7. Descriptio	n of work <u>Mach</u> ned by PT. New	ine Gaske	t Seating	g Surface of	Valve Bo	ay. The mac	ninea suriac
were exami	neu by PI. New	riug anu		indry inocari			

8.	Test Conducted:	Hydr	ostat	ic 🗌	I	Pneumatic		Nominal	Operating	Pressure	· 📋	
		N/A	X	Other		Pressure	N/	A psi	Test Temp.	. <u>N/A</u>	°F	

65-563 Page 2 of 2

FORM NIS-2 (Back)

Remarks	PT
	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C40887-05 Design Change: N/A
	Repair/Replacement Plan: C40887-05 ISI Class: 2
<u></u>	CERTIFICATE OF COMPLIANCE
REPLACE	rtify that the statements made in the report are correct and this MENT conforms to the rules of the ASME Code, Section XI. r replacement
Type Cod	e Symbol StampN/A
signed	Wall Jumms Wall Jumms Wall Jummes Marin's Super Welling Date 2-16-, 20_01 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
And Press by FACT Have insp <i>io-8-9</i> and belie described Code, Sec By sigr Warranty, Described Employer a loss of	dersigned, holding a valid commission issued by the National Board of Boiler our Vessel Inspectors and the State or Province of <u>Michigan</u> and employed ORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 bected the components described in this Owner's Report during the period 7 to $2-22-01$, and state that to the best of my knowledge of the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME tion XI. hing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection. Michigan 2005, Cond Not National Board, State, Province, Endorsement
Date Fe	

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As Required by the Provisions of the ASME Code Section XI 16-563

NIS-2-246-97

5.	Owner AMER	ICAN ELECTRIC	POWER C	COMPANY	Date	12/2	3/97		
		Nan	ne						
	P.O. Box	<u>60 Fort Wayne</u>	, IN 46	801	Sheet _	1	of2		
		Addre	ess						
2.	Plant <u>D.C.</u>	COOK NUCLEAR	POWER F	LANT	Unit	#	1		
		Nan	ne						
	<u>One Cook</u>	<u>Place, Bridgm</u>	<u>an, MI 4</u>	9106	······		251-01		
		Addre	SS		Repair	Org. P.C	No., Job	No., etc	
								,	
3. Work Performed by Installation Services					Type C	Type Code Symbol Stamp <u>N/A</u>			
			Name	Author	Authorization No. <u>N/A</u>				
	Same a	as #2			Expira	tion Dat	e <u>N/A</u>	<u></u>	
		Addre	ess						
4.	Identificat	ion of System <u>F</u>	EEDWATER			AS	ME CODE C	LASS 2	
5.	(a) Applicab	le Const. Code	ANSI B3	<u>1.1</u> 19 _	<u>83</u> Ed., <u>N</u>	I/A_Add	. <u>N/A</u>	_Code Case	
		le Edition of Se							
6.	Identificat	ion of Component	s Repaire	ed or Rep	laced and Rep	placement	Components	\$	
	<u></u>				011		Repaired	ASME	
	Name of				Other		Replaced	Code	
	omponent	Name of	Manuf.	Nat.	Tilanti	37	or	Stamped	
	omponene	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes	
			No.	No.	Fication	Built	ment	or No)	
1	GFW-L823	M&E#	ASP#	N/A	A36 (93a)	N/A	REPLACE-	NO	
h	x 2½ x ¼	30-153014	20070				MENT		

7. Description of Work INSTALL AND ADJUST ANGLE CLIPS ON SUPPORT 1-GFW-L823 TO OBTAIN CLEARANCE GAPS.

CS ANGLE

N/A 🖾

8. Test Conducted: Hydrostatic 🛛 Pneumatic 🗆 Nominal Operating Pressure 🗆

Other D Pressure N/A psi Test Temp. N/A °F

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NIS-2-246-97

FORM NIS-2 (Back)

Remarks	Applicable Manufacturer's Data Reports to be attached
	Applicable Manufactuler 5 Data Reports to be accaened
	Ref. JO: C41251-01 DESIGN CHANGE: N/A
	REPAIR/REPLACEMENT TRAVELER: C41251-01 ISI CLASS: 2
	CERTIFICATE OF COMPLIANCE
REPLACE	ertify that the statements made in the report are correct and this <u>MENT</u> conforms to the rules of the ASME Code, Section XI. or replacement
Type Cod	le Symbol Stamp <u>N/A</u>
	ate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed _	Wayne Cretsinger, Senior Planner Date DEC: 23, 1997 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
And Press	ndersigned, holding a valid commission issued by the National Board of Boile sure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed WRIGHT MUTUAL INS. CO. of <u>WALTHAM, MASS</u> .
have insp <u>6-16-9</u> and belie	bected the components described in this Owner's Report during the period to $\underline{/-33-9}$, and state that to the best of my knowledge ef, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME
Code, Sec By sigr warranty, describec employer	
	Commissions Mich 0055, End NEE
	ctor's Signature National Board, State, Province, Endorsement
Date Jan	19 <u>9</u>

As Required by the Provisions of the ASME Code Section XI 68-563

NIS-2-235-97

Owner <u>AMER</u>	ICAN ELECTRIC	POWER C	COMPANY	Date	12/1	7/97	
	Nat	me					
P.O. Box	60 Fort Wayne	e, IN 46	5801	Sheet	1	of2	
	Addre	ess					
2. Plant D.C.	COOK NUCLEAR	R POWER B	PLANT	Unit	#	1	
	Nai						t fillet is darak
One Cook	Place, Bridgm	nan. MI 4	19106		C412	253-01	
<u>9.110 000.91</u>	Addre			Repair). No., Job	No., etc
				-	•		
3. Work Perfor	med by <u>Instal</u>	lation S	ervices	Type C	ode Symb	ol Stamp <u>N</u>	I/A
	-	Name			ization 1	No. N/A	
Same a	as #2					e N/A	
	Addr		· · · ·				
4. Identificat	ion of System F	FEDWATER	2		AS	ME CODE C	LASS 2
	ole Const. Code			83 हत ो			
	ole Edition of S						
(D) Appiican	TE Edition of 5	eccion AI	UCITIZEC	tor Repairs	or repr	acements 19	
6. Identificat	ion of Componen	ts Repaire	ed or Rep	laced and Re	placemen	t Components	3
				1		Repaired	ASME
Name of				Other		Replaced	Code
	Name of	Manuf.	Nat.			or	Stamped
Component	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes
		No.	No.	Fication	Built	ment	or No)
1-GFW-L113	M&E#	ASP#	N/A	A570 GR45	N/A	REPLACE-	NO
'8 CS PLATE	30-153125	18319		(92)		MENT	
Y					<u> </u>		
			<u></u>				
		l					
		1		<u> </u>			

7. Description of Work <u>INSTALL SHIM ON SUPPORT 1-GFW-L113 TO CORRECT GAP PER</u> MDS-603.

8.	Test Conducted:	Hydrost	atic 🗆	Pneumatic [Nominal	Operating	Pressur	еП
		N/A 🛛	Other 🗆	Pressure	N/A	psi	Test Temp.	N/A	°F

49 - 563 Page 2 of 2

NIS-2-235-97

FORM NIS-2 (Back)

Remarks _ Applicable Manufacturer's Data Reports to be attached <u>Ref. JO: C41253-01</u> DESIGN CHANGE: N/A _REPAIR/REPLACEMENT_TRAVELER: C41253-01 ISI CLASS: 3 CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp N/A Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> Signed <u>Wayne Cretsinger, Senior Planner</u> Date DEC, 19, 1997 Owner or Owner's Designee, Title 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 <u>Michigan</u> and employed by <u>ARKWRIGHT MUTUAL INS. CO.</u> of <u>WALTHAM, MASS.</u> have inspected the components described in this Owner's Report during the period <u>6-10-97</u> to <u>1-23-98</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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. MR Miles purch Commissions Mich 2055, Each NET Inspector's Signature National Board, State, Province, Endorsements

Date January 23 19 98

As Required by the Provisions of the ASME Code Section XI 70-563

NIS-2-244-97

Owner AMER	ICAN ELECTRIC	POWER (COMPANY	Date	12/2	3/97	
	Nar					_	
<u>P.O, Box</u>	60 Fort Wayne		5801	Sheet _	1	of2	
	Addre					-	
2. Plant <u>D.C.</u>	COOK NUCLEAR		PLANT	Unit	#	1	
	Nat					50 01	
<u>One Cook</u>	<u>Place, Bridgm</u>		19106			2 <u>58-01</u>). No., Job	No
	Addre	ess		Repair	UIG. P.C). NO., JOD	NO., ELC
3. Work Perfo:	rmed by <u>Instal</u>	<u>lation S</u>	ervices	Type C	ode Symb	ol Stamp <u>N</u>	I/A
		Name		Author	ization B	NO. <u>N/A</u>	
Same	as #2	·····		Expira	tion Dat	e <u>N/A</u>	
	Addr						
4. Identificat	ion of System <u>F</u>	EEDWATER	2		A	<u>SME CODE C</u>	LASS 2
5. (a) Applical	ole Const. Code	<u>ANSI B3</u>	<u>1.1</u> 19 _	<u>83</u> Ed., <u>1</u>	V/A_Add	1. <u>N/A</u>	_Code Cåse
(b) Applicat	ole Edition of S	ection XI	Utilized	l for Repairs	or Repla	acements 19	89
			_			. ~ .	
6. Identificat	ion of Componen	ts Repaire	ed or Rep	laced and Re	placemen	t Component	
				Other		Repaired Replaced	ASME Code
Name of	Name of	Manuf.	Nat.			or	Stamped
Component	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes
		No.	No.	Fication	Built	ment	or No)
1-GFW-L180	M&E#	ASP#	N/A	A36 (93a)	N/A	REPLACE-	NO
CS PLATE	30-153197	17202	1,11	1.50 (500)		MENT	
CS PLATE							
	<u> </u>						
			<u> </u>				
· · · · · · · · · · · · · · · · · · ·					ļ		

7. Description of Work <u>INSTALL SHIM PER MDS-603 ON SUPPORT 1-GFW-L180 TO</u> PROVIDE BEARING.

8. Test Conducted: Hydrostatic D Pneumatic Nominal Operating Pressure N/A Other Pressure N/A psi Test Temp. N/A °F

71-563 Page 2 of 2

NIS-2-244-97

FORM NIS-2 (Back)

Remarks ____

1.00

repair or replacement Type Code Symbol Stamp	• Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE May certify that the statements made in the report are correct and this <u>replacement</u> on onforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp	Ref. JO: C41258-01 DESIGN CHANGE: N/A
We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp	REPAIR/REPLACEMENT TRAVELER: C41258-01 ISI CLASS: 3
REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Expiration Date N/A Certificate of Authorization No. N/A Expiration Date N/A Signed Wayne Cretsinger. Senior Planner Owner or Owner's Designee, Title Date Date Date 19 97 CertIFICATE OF INSERVICE INSPECTION CertIFICATE of INSERVICE INSPECTION National Board of Boiler ind Pressure Vessel Inspectors and the State or Province of Michigan and employed y AKWRIGHT MUTUAL INS. CO. Of MALTHAM, MASS. ave inspected the components described in this Owner's Report during the period \$\$2-17-57 to 1-22-58 May are inspected the components described in this Owner's Report during the period \$\$2-17-57 to 1-22-58 Mathematication state that to the best of my knowledge in this Owner's Report in accordance with the requirements of the ASME ode, Section XI. By signing this certificate neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the examinations and corrective measures escribed in this Owner's Report. Furthermore, neither the Inspector nor his mployer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Mathematications Mathematications Mathema	CERTIFICATE OF COMPLIANCE
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>Wayne Cretsinger, Senior Planner</u> Date <u>Det</u> , <u>13</u> , <u>19</u> <u>97</u> Owner or Owner's Designee, Title <u>CERTIFICATE OF INSERVICE INSPECTION</u> , the undersigned, holding a valid commission issued by the National Board of Boiler nd Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed <u>ARKWRIGHT MUTUAL INS. CO.</u> of <u>WALTHAM, MASS.</u> ave inspected the components described in this Owner's Report during the period <u>c-/r-57</u> to <u>zz-58</u> , and state that to the best of my knowledge nd belief, the Owner has performed examinations and taken corrective measures escribed in this Owner's Report in accordance with the requirements of the ASME ode, Section XI. By signing this certificate neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the examinations and corrective measures escribed in this Owner's Report. Furthermore, neither the Inspector nor his mployer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. <u>Mathematical</u> <u>Commissions Math coss , Cull MFT</u> National Board, State, Province, Endorsements	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Signed Wayne Cretsinger, Senior Planner Owner or Owner's Designee, Title Date $\underline{bct}, \underline{13}, \underline{1997}$ CERTIFICATE OF INSERVICE INSPECTION A the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed y <u>ARKWRIGHT MUTUAL INS. CO.</u> of <u>WALTHAM, MASS</u> are inspected the components described in this Owner's Report during the period $\underline{c-iy-57}$ to $\underline{i\cdot zz \cdot 58}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures escribed in this Owner's Report in accordance with the requirements of the ASME ode, Section XI. By signing this certificate neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the examinations and corrective measures escribed in this Owner's Report. Furthermore, neither the Inspector nor his mployer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Mational Board, State, Province, Endorsements Mational Board, State, Province, Endorsements	Type Code Symbol Stamp <u>N/A</u>
Owner or Owner's Designee, TitleCERTIFICATE OF INSERVICE INSPECTIONCERTIFICATE OF INSERVICE INSPECTION, the undersigned, holding a valid commission issued by the National Board of Boilernd Pressure Vessel Inspectors and the State or Province of Michigan and employedY ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS.ave inspected the components described in this Owner's Report during the period $\omega - 1/2 - 57$ to $1 - 2 - 2 - 58$, and state that to the best of my knowledgend belief, the Owner has performed examinations and taken corrective measuresescribed in this Owner's Report in accordance with the requirements of the ASMEode, Section XI.By signing this certificate neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the examinations and corrective measures escribed in this Owner's Report. Furthermore, neither the Inspector nor his mployer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.Mational Board, State, Province, EndorsementsMational Board, State, Province, Endorsements	Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
, the undersigned, holding a valid commission issued by the National Board of Boiler nd Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed y <u>ARKWRIGHT MUTUAL INS. CO.</u> of <u>WALTHAM, MASS</u> . ave inspected the components described in this Owner's Report during the period $\underline{c-ry-97}$ to $\underline{r-zz-98}$, and state that to the best of my knowledge nd belief, the Owner has performed examinations and taken corrective measures escribed in this Owner's Report in accordance with the requirements of the ASME ode, Section XI. By signing this certificate neither the Inspector nor his employer makes any marranty, expressed or implied, concerning the examinations and corrective measures escribed in this Owner's Report. Furthermore, neither the Inspector nor his mployer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Mational Board, State, Province, Endorsements National Board, State, Province, Endorsements	Signed <u>Wayne Cretsinger, Senior Planner</u> Date <u>DEC</u> , <u>73</u> , 19 <u>97</u> Owner or Owner's Designee, Title
, the undersigned, holding a valid commission issued by the National Board of Boiler nd Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed y <u>ARKWRIGHT MUTUAL INS. CO.</u> of <u>WALTHAM, MASS</u> . ave inspected the components described in this Owner's Report during the period $\underline{c-ry-97}$ to $\underline{r-zz-98}$, and state that to the best of my knowledge nd belief, the Owner has performed examinations and taken corrective measures escribed in this Owner's Report in accordance with the requirements of the ASME ode, Section XI. By signing this certificate neither the Inspector nor his employer makes any marranty, expressed or implied, concerning the examinations and corrective measures escribed in this Owner's Report. Furthermore, neither the Inspector nor his mployer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Mational Board, State, Province, Endorsements National Board, State, Province, Endorsements	
nd Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed <u>ARKWRIGHT MUTUAL INS. CO.</u> of <u>WALTHAM, MASS.</u> ave inspected the components described in this Owner's Report during the period <u>c-14-97</u> to <u>1-22-98</u> , and state that to the best of my knowledge nd belief, the Owner has performed examinations and taken corrective measures escribed in this Owner's Report in accordance with the requirements of the ASME ode, Section XI. By signing this certificate neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the examinations and corrective measures escribed in this Owner's Report. Furthermore, neither the Inspector nor his mployer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. <u>Matemparty</u> Inspector's Signature National Board, State, Province, Endorsements	CERTIFICATE OF INSERVICE INSPECTION
ave inspected the components described in this Owner's Report during the period $\underline{c-r_Y-9^{-2}}$ to $\underline{r-zz-98}$, and state that to the best of my knowledge nd belief, the Owner has performed examinations and taken corrective measures escribed in this Owner's Report in accordance with the requirements of the ASME ode, Section XI. By signing this certificate neither the Inspector nor his employer makes any marranty, expressed or implied, concerning the examinations and corrective measures escribed in this Owner's Report. Furthermore, neither the Inspector nor his mployer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. \underline{max} \underline{max} Commissions \underline{max} $\underline{coss5}$, \underline{cud} \underline{wfT} Inspector's Signature National Board, State, Province, Endorsements	And Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employe
ode, Section XI. By signing this certificate neither the Inspector nor his employer makes any carranty, expressed or implied, concerning the examinations and corrective measures escribed in this Owner's Report. Furthermore, neither the Inspector nor his mployer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.	have inspected the components described in this Owner's Report during the period $\underline{}$ to $\underline{}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures
escribed in this Owner's Report. Furthermore, neither the Inspector nor his mployer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. <u>Mathematical Commissions Mathematical Netton</u> Inspector's Signature Commissions National Board, State, Province, Endorsements	Code, Section XI.
	warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.
	alt Automations Michaels and Mit
ate January 22 19 98	Inspector's Signature National Board, State, Province, Endorsement
	Date January 22 19 98

As Required by the Provisions of the ASME Code Section XI 72 - 563

NIS-2-236-97

MENT

<u> </u>	Owner <u>AMER</u>	ICAN ELECTRIC	POWER C	OMPANY	Date	12/1	7/97		
		Nan	ne						
	P.O. Box	<u>60 Fort Wayne</u>	, IN 46	801	Sheet	1 0	of 2		
		Addre							
2.	Dlant D C	COOK NUCLEAR		ידיא ב. ד	IInit	#	1		
۷.	Plane \underline{D} .	Nan				<u> </u>	A-		
				0100		C (1) 1	07 01		
	<u>One Cook</u>	<u>Place, Bridgm</u>		9106		C41487-01			
		Addre	SS		Repair	Org. P.O	. No., Job	No., etc	
3.	Work Perfor	med by <u>Install</u>	<u>ation Se</u>	<u>ervices</u>	Туре С	ode Symbo	ol Stamp <u>N</u>	<u>/A</u>	
			Name		Author	ization N	io. N/A		
	Same_a	as #2			Expira	tion Date	= N/A		
	00000	Addre							
				ъл		7.0	ME CODE C		
4.		ion of System <u>M</u>					ME CODE C		
5.	(a) Applicab	le Const. Code	ANSI B3:	<u>1.1</u> 19 _	<u>83</u> Ed., <u>N</u>	<u>I/A</u> Add	. <u>N/A</u>	_Code Case	
	(b) Applicab	le Edition of Se	ection XI	Utilized	for Repairs	or Repla	cements 19 <u>8</u>	.9	
6.	Identificat	ion of Component	s Repaire	d or Rep	laced and Rep	placement	Components	•	
Γ							Repaired	ASME	
					Other		Replaced	Code	
	Name of	Name of	Manuf.	Nat.			or	Stamped	
	lomponent	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes	
			No.	No.	Fication	Built			
							ment	or No)	
1-	GMS-R802	M&E#	ASP#	N/A	A36 (91)	N/A	REPLACE-	NO ·	

7. Description of Work <u>INSTALL SHIM ON SUPPORT 1-GMS-R802 TO CORRECT GAP PER</u> MDS-603.

8.	Test Conducted:	Hydrosta	atic 🗆	Pneumatic		Nominal	Operati	ng Pressu	re 🛛
		N/A 🛛	Other 🛛	Pressure	N/A	psi	Test Tem	np. <u>N/A</u>	°F

19616

30-153129

CS PLATE

73-563 Page 2 of 2

NIS-2-236-97

FORM NIS-2 (Back)

Remarks _	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C41487-01 DESIGN CHANGE: N/A
	REPAIR/REPLACEMENT TRAVELER: C41487-01 ISI CLASS: 3
	CERTIFICATE OF COMPLIANCE
REPLACE	rtify that the statements made in the report are correct and this MENT conforms to the rules of the ASME Code, Section XI. r replacement
Type Cod	e Symbol Stamp <u>N/A</u>
	ate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed _	Wayne Cretsinger, Senior Planner Date DEC. 19, 1997 Owner or Owner's Designee, Title
· · · · ·	
	CERTIFICATE OF INSERVICE INSPECTION
And Press by <u>ARKW</u> have insp ?~14~9 and belie	dersigned, holding a valid commission issued by the National Board of Boil ure Vessel Inspectors and the State or Province of <u>Michigan</u> and employ <u>RIGHT MUTUAL INS. CO.</u> of <u>WALTHAM, MASS.</u> ected the components described in this Owner's Report during the period $\frac{7}{10}$ to $\frac{1-27-3}{2}$, and state that to the best of my knowledg f, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME
By sign warranty, described employer	ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage o any kind arising from or connected with this inspection.
<u>Jaja</u> Inspec	tor's Signature National Board, State, Province, Endorsemen
Date JAN	-912y 2.7 19 98

···.

As Required by the Provisions of the ASME Code Section XI 74-53

NIS-2-237-97

	Wher AMER	ICAN ELECTRIC	POWER	YMDANY	Date	12/1	7/97	
		Nan			Date	14/1	1/9/	
]	P.O. Box	60 Fort Wayne	, IN 46	5801	Sheet	1	of 2	
		Addre					**************************************	
2. I	Plant <u>D.C.</u>	COOK NUCLEAR	POWER B	PLANT	Unit	#	1	
		Nan						
<u>(</u>	<u>One Cook</u>	<u>Place, Bridgm</u>		19106			87-04	
		Addre	SS		Repair	Org. P.C). No., Job	No., etc
з.	Work Perfor	med by <u>Install</u>	ation S	ervices	Trance C	odo simb	ol Stamp <u>N</u>	· / ʌ
5.	MOIK FEILUI	med by <u>instar</u>	Name	<u>CTATCG9</u>		-	No. N/A	
	Same a	vc #2	Name					·······
	Salle a	Addre			Expira	LION Dat	e <u>N/A</u>	
4.]	Idontificat	ion of System <u>M</u>		л		7.0	ME CODE C	T A C C C
					02-1			
		le Const. Code						
(}	o) Applicab	le Edition of Se	ection XI	Utilized	for Repairs	or Repla	acements 19 <u>8</u>	39
6. 3	Identificat	ion of Component	s Repaire	ed or Rep	laced and Re	placement	Components	3
							Repaired	ASME
					Other		Replaced	Code
Na	ame of	Name of	Manuf.	Nat.			or	Stamped
Cor	mponent	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes
			No.	No.	Fication	Built	ment	or No)
	MO 1007	MG 17#	1004		726 (07)	27/2		
, – –-	MS-L387	M&E#	ASP#	N/A	A36 (91)	N/A	REPLACE-	NO
C	S PLATE	30-153129	19616		1		MENT	1

7. Description of Work <u>INSTALL SHIM ON SUPPORT 1-GMS-L387 TO CORRECT GAP PER</u> MDS-603.

8.	Test Conducted:	Hydrost	atic 🗆	Pneumatic [Nominal	Operating	Pressure	e 🗆	
		N/A	Other 🗆	Pressure	N/A	psi	Test Temp.	N/A	٦°	

75-563 Page 2 of 2

NIS-2-237-97

FORM NIS-2 (Back)

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Remarks _	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C41487-04 DESIGN CHANGE: N/A
	REPAIR/REPLACEMENT TRAVELER: C41487-04 ISI CLASS: 3
	CERTIFICATE OF COMPLIANCE
REPLACE	rtify that the statements made in the report are correct and this MENT conforms to the rules of the ASME Code, Section XI. r replacement
Type Code	e Symbol Stamp <u>N/A</u>
Certifica	ate of Authorization No. N/A Expiration Date N/A
Signed _	Wayne Cretsinger, Senior Planner Date Dec. 19, 1997 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
And Press by <u>ARKW</u> have insp <u>7/14/97</u> and belie	dersigned, holding a valid commission issued by the National Board of Boiler ure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed <u>RIGHT MUTUAL INS. CO.</u> of <u>WALTHAM, MASS.</u> ected the components described in this Owner's Report during the period to <u>I/c7/?</u> , and state that to the best of my knowledge f, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME
Code, Sec By sign warranty, described employer	
Inspec	tor's Signature National Board, State, Province, Endorsements
Date Jaw	19. 7. 19. 7.

76-563 As Required by the Provisions of the ASME Code Section XI

NIS-2-238-97

<u> </u>	Owner AMERICAN ELECTRIC POWER COMPANY	Date <u>12/17/97</u>
	Name	
	P.O. Box 60 Fort Wayne, IN 46801	Sheet
	Address	
2.	Plant D.C. COOK NUCLEAR POWER PLANT	Unit # 1
	Name	
	One Cook Place, Bridgman, MI 49106	C41487-08
	Address	Repair Org. P.O. No., Job No., etc
3.	Work Performed by Installation Services	Type Code Symbol Stamp N/A
	Name	Authorization No. <u>N/A</u>
	Same as #2	Expiration Date <u>N/A</u>
	Address	
4.	Identification of System MAIN STEAM	ASME CODE CLASS 2
5.	(a) Applicable Const. Code ANSI B31.1_19 83Ed	A., <u>N/A</u> Add. N/A Code Case
	(b) Applicable Edition of Section XI Utilized for	
		L
6.	Identification of Components Repaired or Replaced	d and Replacement Components
		Repaired ASME

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- Fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
1-GMS-L817	M&E#	ASP#	N/A	A36 (91)	N/A	REPLACE-	NO
CS PLATE	30-153129	19616				MENT	
				· · · · · · · · · · · · · · · · · · ·			
	<u> </u>						

7. Description of Work INSTALL SHIM ON SUPPORT 1-GMS-L817 TO CORRECT GAP PER MDS-603.

Test Conducted: Hydrostatic 🗆 Pneumatic 🛛 Nominal Operating Pressure 8. N/A 🛛 Other 🛛 Pressure N/A psi Test Temp. N/A °F

77-563 Page 2 of 2

NIS-2-238-97

FORM NIS-2 (Back)

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Remarks	
	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C41487-08 DESIGN CHANGE: N/A
	REPAIR/REPLACEMENT TRAVELER: C41487-08 ISI CLASS: 3
	CERTIFICATE OF COMPLIANCE
REPLACE	rtify that the statements made in the report are correct and this MENT conforms to the rules of the ASME Code, Section XI. r replacement
Type Cod	e Symbol Stamp <u>N/A</u>
Certific	ate of Authorization No. N/A Expiration Date N/A
Signed _	Wayne Cretsinger, Senior Planner Date Dec. 19, 1997 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
And Press	dersigned, holding a valid commission issued by the National Board of Boile Ture Vessel Inspectors and the State or Province of <u>Michigan</u> and employe RIGHT MUTUAL INS. CO of <u>WALTHAM, MASS.</u>
have insp //14/93 and belie	to <u>//23/5%</u> , and state that to the best of my knowledge to <u>//23/5%</u> , and state that to the best of my knowledge of, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME
Code, Sec By sign warranty, described employer	
phr a	Commissions Mich 2055, ENDNET
Inspec	ctor's Signature National Board, State, Province, Endorsemen
Date Jan	warey 23 19.95

78-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 03-04-98
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0041781-02</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-ESW-195
3.	Work Performed by: AEP/D.C. COOK Maintenance Departm	nent
4.	Identification of System: ESSENTIAL SERVICE WATER	

5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, <u>1983 Ed.</u> <u>NO Add.</u>, Code Case: <u>N-416-1</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	<u>Material Identification:</u> M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
- (- 1-ESW-195						
	2" PIPE	ASME# SA-106	N/A	M&E# 30-014981	N/A	REPLACED	NO
		GR B		ASP# 19892			
	VALVE	N/A	N/A	M&E# 30-042340	N/A	REPLACED	NO
				ASP# 13606			

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE-----

Pressure: psi Test Temperature F.

Page 2 of 2

Description of Work: The old valve was removed and the new one installed using new

79 - 563

2" pipe. A VT-2 test was also preformed. A VT fit up and final VT was preformed.

		M	E IN	
		RE	#	
Job Order/File: C0041781-02	ISI CLASS	34	3/13/01	

CERTIFICATE OF COMPLIANCE

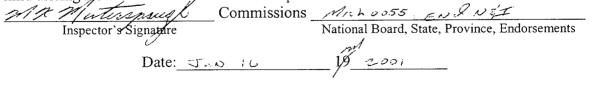
We certify that the statements made in the report are correct and this <u>repair and/or</u> replacement conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	· · · · · · · · · · · · · · · · · · ·
Certificate of Authorization No.	Expiration Date NA
Signed: Dewayne Timmons Maint. V	Velding Supervisor Date <u>/-15-0</u> / s Designee, Title
Øwner or Owner'	s Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $3-3-9 \in$ to $0-1 \subseteq -01$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI



80- 363

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 12-08-98
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0042141-02</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-IRV-310
3.	Work Performed by: AEP/D.C. COOK Maintenance Departm	nent
4.	Identification of System:RESIDUAL HEAT_REMOVA	L

5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
~~	1-IRV-310						
	BALL SEAL	ASME# SA-351 GR- CF8M	N/A	M&E# 30-038980 ASP# 20032	N/A	REPLACED	NO
					-		

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE:

Pressure: psi Test Temperature F.

Description of Work: The valve was repaired using a new ball seal.

Job Order/File <u>:</u>	C0042141-02	ISI CLASS	2				
CERTIFICATE OF COMPLIANCE							
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.							
Type Code Symbo	ol Stamp	NA					
Certificate of Aut	horization No/	MA Expiration D	Date_NA				
Signed Dewayn	Timmons Maint. W Owner or Owner's	elding Supervisor Designee, Title	Date 3-7-01				
	· · · · · · · · · · · · · · · · · · ·						
CERI	FIFICATE OF INSE	RVICE INSPECTI	ON				
I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI. have inspected the components described in this Owner's Report during the period 3-27-98 to $3-8-31$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,							
in this Owner's Report in accordance with the requirements of the ASME Code, Section XI By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or of loss of any kind arising from or connected with this inspection. <u>MACMATERSPARE</u> Inspector's Signature Commissions <u>Machaeves, Evel Nett</u> National Board, State, Province, Endorsements							
٢	ate: March 8	20 <u>.06^m0i</u>	_	I			

81-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

82-563

Component# 1-IRV-311

- 1.
 Owner: AMERICAN ELECTRIC POWER
 Date_Performed:07-02-98

 P.O. Box 60 Fort Wayne IN 46801
 Unit# 1
- 2.Plant: D.C.Cook Nuclear Power PlantJob Order# C0042172-02

One Cook Place, Bridgman, MI 49106

- 3. Work Performed by: <u>AEP/D.C. COOK Maintenance Department</u>
- 4. Identification of System: <u>RESIDUAL HEAT REMOVAL</u>
- 5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Name of Component 1-IRV-311	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
\sim	1-110 - 511						
	RETROFIT	ASME# SA-351	FISHER	M&E# 30-038980	N/A	REPLACED	NO
	KIT	CF8M		ASP# 20032			
	·	· · ·					
						· · · · · · · · · · · · · · · · · · ·	

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE:

Pressure: psi Test Temperature F.

Description of Work: .The valve was repaired using a new retrofit..kit.

83-563

Job Order/File <u>:</u>	C0042172-02	ISI CLASS	2
	<u> </u>		
	CERTIFICATE OF	F COMPLIANCE	
We certify that the st replacement conforms to Type Code Symbo			
Certificate of Aut	horization No. / N. / Mainter Timmons Maint. W	Expiration	Date NA
	way forms		Date_2-21-01
Signed: Dewayne	e Timmon's Maint. W	elding Supervisor	Date
	Owner or Owner's	Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period 5-26-98 to 02-22-01, and state that to the best of my knowledge and

belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

Section XI

mx Muterspace Commissions	Mich 0055, ENd NET
Inspector's Signature	National Board, State, Province, Endorsements
- <i>V</i>	m
Date: Feb 22	19 2001

84-563

Component#_1-IRV-320

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_08-11-00
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0042178-02</u>

One Cook Place, Bridgman, MI 49106

3. Work Performed by: AEP/D.C. COOK Maintenance Department

4. Identification of System: <u>RESIDUAL HEAT REMOVAL</u>

5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N-416-1

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component 1-IRV-320	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
HEAVY DUTY SEAL	A-743 CF10SMnN (Nitronic 60)	N/A	M&E# 30-038980 ASP# 22805	N/A	REPLACED	NO
· ·						

7. Hydrostatic NA Pneumatic NA Nominal Operating Pressure N/A NDE: N/A

F.

Pressure: psi Test Temperature

Page 2 of 2

Description of Work: The old seal was removed and the new heavy duty seal was

installed.A EE-99-0155 was approved 12/99 for the replacement of the ball seal.

Job Order/File: C0042178-02 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> replacement conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp NA

Certificate of Authorization No. <u>NA</u> Expiration Date <u>MA</u>

85-563

Signed: Dewayne Timmons Maint. Welding Supervisor Date <u>Z-12-01</u> Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{7-21-00}{2}$ to $\frac{2-12-01}{2}$, and state that to the best of my knowledge and

belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MA Mutananugh Commissions	MICHOOSS, ENd NEI
Inspector's Signature	National Board, State, Province, Endorsements
	2MA
Date: Feb 13	18 2001
	/

86-563

Page 1 of 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_10-05-98
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0042220-01</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-CS-440-3
	Work Performed by: AEP/D.C. COOK Maintenance [Department
	Identification of System: <u>REACTOR COOLANT PU</u>	JMP SEAL WATER

5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, <u>1983 Ed.</u> <u>NO Add.</u>, Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of • Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-CS-440-3						
CLAMP BOLT	ASME# SA-193	N/A	M&E# 30035242	N/A	REPLACED	NO
	GR-B7		ASP#14046			
Bonnet chamber	5F-N50	N/A	M&E# 30-035402	N/A	REPLACED	NO
repacking	SA-N60D-CI		ASP# 9221			
STEM ASSY	ASME# SA-479	N/A	M&E# 30-035562	N/A	REPLACED	NO
			ASP# 12589			

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE:

Pressure: psi Test Temperature F.



Description of Work: The valve was repaired by using a new stem

assembly, repacking, and clamp bolt.

Job Order/File: C0042220-01 ISI CLASS 2

CERTIFICATE OF COMPLIANCE						
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.						
Type Code Symbol Stamp <u>NA</u>						
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u>						
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed: Dewayne Timmons Maint. Welding Supervisor Date <u>11-20-00</u>						
Owner or Owner's Designee, Title						

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period <u>vo-s-98</u> to <u>vz-v3-99</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

Section XI

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

MR Matingeauge Commissions Mich 2355 Gud NET Inspector's Signature National Board, State. Province, Endorsements Date: December 13 10 2000

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88-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 09-10-97
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0042256-05</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-CS-329-L1
3.	Work Performed by: AEP/D.C. COOK Maintenance Depart	ment
4.	Identification of System: <u>CHARGING (CVCS)</u>	
<u>5.</u>	(a) Applicable Construction Code: ANSI B31.1, 1983 Ed.	NO Add., Code Case:
	(b) Applicable Edition of Section XI Utilized for Repairs or	Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# F.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-CS-329-L1	N/A	N/A	EXISTING	N/A	REPLACED	NO
<u></u>						
			· · · · · · · · · · · · · · · · · · ·			

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure: NDE: PT

Pressure: psi Test Temperature F.

Page 2 of 2

.

Description of Work: The weld was rewelded and passed all QC inspections.

89- 563

A VT-1, VT-3, and a PT were performed

Job Order/File: C0042256-05 ISI CLASS 1

CERTIFICATE OF COMPLIANCE					
We certify that the statements made in the report are correct and this <u>repair and/or</u> eplacement conforms to the rules of the ASME Code, Section XI repair or replacement.					
Type Code Symbol Stamp 1/A					
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u>					
Signed: Dewayner Timmons Maint. Welding Supervisor Date 1-02-01 Owner or Owner's Designee, Title					
Owner or Owner's Designee, Title					

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{2-12-97}{10}$ to 01-03-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

Section XI By signing this certificate neither the Inspector nor his employer makes any

warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or of loss of any kind arising from or connected with this inspection.

Mx Materapauge Commissions	Mich 0055, 6.0 NET
Inspector's Signature	National Board, State, Province, Endorsements
Date: Tax 03	18 2001

90-563

			RT FOR REPAIRS OR RE isions for the ASME Code Section		
1.	/ Owner: <u>AMERICAN</u>	ELECTRIC PO	WER Date	Performed: 09	-11-97
	P.O. Box 60 Fort Wayr	ne IN 46801	Unit	# 1	
2.	Plant: D.C.Cook Nucle	ar Power Plant	Job	Order <u># C004225</u>	6-07
	One Cook Place, Bridg	<u>man, MI 49106</u>	Comp	onent#_1-CS-32	<u>29-L1</u>
3.	Work Performed by: A	EP/D.C. COOK I	Maintenance Department		
4.	Identification of System	n: <u>CHARGING</u>	(CVCS)		
<u>5.</u>	(a) Applicable Construc	ction Code: <u>ANS</u>	I B31.1, 1983 Ed. NO	Add., Code Cas	e <u>:</u>
	(b) Applicable Edition	of Section XI Uti	lized for Repairs or Replace	ements <u>: 1989, N</u>	o Addenda
6.	Identification of Comp	oonents Repaire	d or Replaced and Replac	ement Compon	ents
of	ASME,ASTM or	Name of	Material Identification:	Year built	Repaired

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-CS-329-L1						
STUDS	ASME# SA-453 62 660	N/A	M&E# 30-212295	N/A	REPLACED	NO
			Į.		1	

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE:

Pressure: psi Test Temperature F.

91-563

Description of Work: The old studs were removed. And new studs were installed.A VT-

<u>1 &VT-3 were done.</u>

Job Order/File: C0042256-07

ISI CLASS

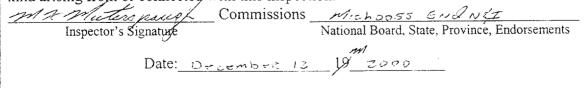
1

CERTIFICATE OF COMPLIANCE							
We certify that the statements made in the report are correct and this <u>repair and/or</u> eplacement conforms to the rules of the ASME Code, Section XI repair or replacement.							
Type Code Symbol Stamp <u>NA</u>							
Certificate of Authorization No. NA Expiration Date NA							
Certificate of Authorization No. //A Expiration Date //A Signed: Dewayne Timmons Maint. Welding Supervisor Date /Z-11-00 Owner or Owner's Designee, Title							

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{4/12}{97}$ to $\frac{12-13-99}{12-13-99}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI



92-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

Owner: AMERICAN ELECTRIC POWER 1.

P.O. Box 60 Fort Wayne IN 46801

Date Performed: 09-28-97

Job Order# C0042256-23

Component# 1-CS-328-L1

Unit# 1

2. Plant: D.C.Cook Nuclear Power Plant

One Cook Place, Bridgman, MI 49106

- Work Performed by: AEP/D.C. COOK Maintenance Department 3.
- Identification of System: CHARGING (CVCS) 4.
- (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: <u>5.</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

Identification of Components Repaired or Replaced and Replacement Components 6.

Name of Component 1-CS-328-L1	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
 ALL THREAD	ASME# SA-453 GR 660	N/A	M&E# 3021295 ASP# 16300	N/A	REPLACED	NO
		,				

Pneumatic NA Nomial Operating Pressure N/ANDE: 7. Hydrostatic NA

Test Temperature F. Pressure: psi

Description of Work: The valve was repaired using new studs.

Job Order/File <u>:</u>	C0042256-23	ISI CLASS	1
	CERTIFICATE OF	F COMPLIANCE	
We certify that the star replacement conforms to	atements made in the the rules of the ASM	report are correct a IE Code, Section X	and this <u>repair and/or</u> II repair or replacement.
Type Code Symbo	l StampNÂ		
Certificate of Aut	norization No. <u>AA</u> Muh (Jemus Timmons Maint. W	Expiration Velding Supervisor	Date <u>NA</u> Date <u>1-15-01</u>
	Owner or Owner's	Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{12/2}{97}$ to $\frac{01/17/01}{01}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MA Mutamaine Commissions	Mich 0055, ENd NET
Inspector's Signature	National Board, State, Province, Endorsements
Date: Jen 17	19 2001
Dato.	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

94-563

- 1.
 Owner: AMERICAN ELECTRIC POWER
 Date_Performed:_07-19-00

 P.O. Box 60 Fort Wayne IN 46801
 Unit# 1

 2.
 Plant: D.C.Cook Nuclear Power Plant
 Job Order# C0042425-03

 One Cook Place, Bridgman, MI 49106
 Component#_1-RC-112-L3
- 3. Work Performed by: <u>AEP/D.C. COOK Maintenance Department</u>
- 4. Identification of System: <u>REACTOR COOLANT</u>
- 5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, <u>1983 Ed.</u> <u>NO Add.</u>, Code Case: <u>N/A</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
STEM ASSY	ASME# SA-479	N/A	M&E# 30-035574 ASP# 14358	N/A	REPLACED	NO
	· ·					

7. Hydrostatic NA Pneumatic NA Nominal Operating Pressure VT-2 (Performed

under R72394-01 RCS Full Pressure/Temperature Walk Down)

NDE: N/A Pressure: psi Test Temperature F.

Description of Work: The valve was repaired using a stem assembly. A VT-2 exam was performed,

Job Order/File: C0042425-03 ISI CLASS 1

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NIA		
Certificate of Aythorization No	NA	_ Expiration	Date <u>MA</u>
Certificate of Authorization Ng. Signed: Dewayne Timmons Ma	m> aint. Welding	supervisor	Date 1-31-01
Owner or (Owner's Design	ee, Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $7 \cdot 15 \cdot 00$ to $2 \cdot 2 \cdot 1$, and state that to the best of my knowledge and

belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MA Muterspace Commissions	Mich 0055, End NGI
Inspector's Signature	National Board, State, Province, Endorsements
Date: Feb Z	18 2001

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS 96-563

NIS-2-197-97

Owner AMER	ICAN ELECTRIC	POWER (COMPANY	Date	10/2	9/97	
P O Box	Name <u>60 Fort Wayne</u>	. TN 46	5801	Sheet	1	of <u>3</u>	
<u>1.0.</u>	Address	<u> </u>	/001		\	01 <u></u>	
2. Plant <u>D.C.</u>	COOK NUCLEAR	POWER B	PLANT	Unit	#	11	
One Cook	Name <u>Place, Bridq</u> m	an MT 4	19106		C4.24	80-01	
<u>One cook</u>	Address					0. No., Job	No., etc
				-	-		
3. Work Perfor	med by <u>Install</u>	Lation So Name	ervices			ol Stamp <u>N</u> No. <u>N/A</u>	
Same	as #2					NO. <u>N/A</u> e <u>N/A</u>	
	Address			_			
4. Identificat	ion of System <u>S</u>	AFETY IN	IJECTION	J N		ME CODE C	
	le Const. Code <u>i</u> le Edition of Se						
(D) Apprican	re Barcion or 5.	Secton VI	00111200	IOI REPAILS	or Kepre	reementes 19 <u>1</u>	
6. Identificat	ion of Component	ts Repaire	ed or Rep	laced and Re	placement	Components	3
						Repaired	ASME
Name of Component	Name of	Manuf.	Nat.	Other		Replaced or	Code Stamped
1-SI-82 &	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes
1-SI-47 SH 1		No.	No.	fication	Built	ment	or No)
" 90° SS	M&E#	ASP#	N/A	SA182	N/A	REPLACE-	NO
ELBOW 3000#	30-016998	15059		GR F304		MENT	
2" 45° SS	M&E#	ASP#	N/A	SA182	N/A	REPLACE-	NO
ELBOW 3000#	30-016978	12419		GR F304		MENT	
2" SS TEE	M&E#	ASP#	N/A	SA182	N/A	REPLACE -	NO
3000#	30-017194	12804	ļ	GR F304		MENT	<u> </u>
2 x ¾ SS	M&E#	ASP#	N/A	SA182	N/A	REPLACE-	NO
RED. INSERT	30-017028	2217		GR F304		MENT	
3000#							
2" SCH 40 SS	M&E# 30-016711	ASP# 13597	N/A	SA312 GR 304	N/A	REPLACE- MENT	NO
PIPE	30-010/11	13321		GR 304		1,11714 1	
					[[ļ

7. Description of Work <u>MODIFY RWST DRAIN LINE INTO DEAD LEG FOR LEVEL</u> INSTRUMENTS PER DESIGN CHANGE DCP-853

8. Test Conducted: Hydrostatic \Box Pneumatic \Box Nominal Operating Pressure \boxtimes N/A \Box Other \Box Pressure <u>N/A</u> psi Test Temp.<u>N/A</u>°F

TE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

NIS-2-197-97

Ĭ.	Owner AMERICAN ELECTRIC POWER COMPANY	Date10/29/97
	Name	
	P.O. Box 60 Fort Wayne, IN 46801	Sheet
	Address	
2.	Plant D.C. COOK NUCLEAR POWER PLANT	Unit #
	Name	
	<u>One Cook Place, Bridgman, MI 49106</u>	C42480-01
	Address	Repair Org. P.O. No., Job No., etc
	Addiess	Repair org. 1101 Roll, box Roll, bob
З.	Work Performed by Installation Services	Type Code Symbol Stamp <u>N/A</u>
	Name	Authorization No. <u>N/A</u>
	Same as #2	Expiration Date <u>N/A</u>
	Address	2
4	Identification of System SAFETY INJECTION	ASME CODE CLASS 2
* *		
_	() - I' II A H ANGT DOI 1 10 000	N/A NAA NAAC 1 Code Core
5.	(a) Applicable Const. Code <u>ANSI B31.1</u> 19 <u>83</u> Ed.	
	(b) Applicable Edition of Section XI Utilized for	Repairs or Replacements 19 <u>89</u>

Identification of Components Repaired or Replaced and Replacement Components 6.

Name of Component 1-SI-82 & SI-47 SH 1	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
4" SCH 40 45 DEG SS ELBOW	M&E# 30-017815	ASP# 9256	N/A	SA403 GR WP304	N/A	REPLACE- MENT	NO
4" SCH. 40 SS PIPE CAP	M&E# 30-017763	ASP# MIC	N/A	SA403 GR WP304	N/A	REPLACE - MENT	NO
4" X 2" SS PIPET	P.O.# 66418-042-7	ASP# 19932	N/A	SA182 GR F304	N/A	REPLACE- MENT	NO

7. Description of Work MODIFY RWST DRAIN LINE INTO DEAD LEG FOR LEVEL INSTRUMENTS PER DESIGN CHANGE DCP-853

8.	Test Conducted:	Hydrostatic	c 🗆 Pn	neumatic 🛛	Nominal Ope	erating Pressure 🛛	
		N/A Ot	ther 🛛	Pressurè	<u>N/A</u> psi	Test Temp. <u>N/A</u> °	`F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. 1 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is whered and the number of sheets is recorded at the top of this form.

98-563

FORM NIS-2 (Back)

NIS-2-197-97

Page 3 of 3

Remarks _	Applicable Manufacturer's Data Reports to be attached
	-FF
	Ref. JO: C42480-01 DESIGN CHANGE: DCP-853
	REPAIR/REPLACEMENT TRAVELER: C42480-01 ISI CLASS: 2
	CERTIFICATE OF COMPLIANCE
REPLACEM	tify that the statements made in the report are correct and this <u>ENT</u> conforms to the rules of the ASME Code, Section XI. replacement
Type Code	Symbol Stamp <u>N/A</u>
(te of Authorization No. N/A Expiration Date N/A
	Wayne Cretsinger, Senior Planner Date OCT. 31, 1997
	CERTIFICATE OF INSERVICE INSPECTION
and Pressu	ersigned, holding a valid commission issued by the National Board of Boile re Vessel Inspectors and the State or Province of <u>Michigan</u> and employe IGHT MUTUAL INS. CO of WALTHAM, MASS.

have inspected the components described in this Owner's Report during the period $\frac{10/3/97}{100}$ to $\frac{11/14/97}{100}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

Inspector's Signature Commissions Mich 0055, ENDNET National Board, State, Province, Endorsements

Date November 14 19 97

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI $\tilde{99} - 563$

NIS-2-198-97

Owner AMER	ICAN ELECTRIC	POWER (COMPANY	Date	11/0	9/97	
<u>P.O. Box (</u>	Name 5 <u>0 Fort Wayne</u>	<u>, IN 46</u>	5801	Sheet	1	of2	
2. Plant D.C.	Address <u>COOK NUCLEAR</u>	POWER B	PLANT	Unit _	#	1	
	Name					80-01	
<u>Une Cook</u>	<u>Place, Bridgm</u> Address	an, Mi 4	£9106			0. No., Job	
3. Work Perfor	med by <u>Install</u>	ation S	ervices	Type C	ode Svmbo	ol Stamp <u>N</u>	/A
		Name				No. N/A	
Same	<u>as #2</u>			Expira	tion Dat	e <u>N/A</u>	
4. Identificat:	Address ion of System <u>S</u>	AFETY IN	JECTION	1	AS	ME CODE C	LASS 2
5. (a) Applicab	le Const. Code <u>A</u>	ANSI B31	<u>.1</u> 19 <u>{</u>	<u>33</u> Ed., <u>N</u>	<u>A</u> Add.	N/A	Code Case
(b) Applicab	le Edition of Se	ection XI	Utilized	for Repairs	or Repla	acements 19 <u>8</u>	39
6. Identificat:	ion of Component	s Repaire	ed or Rep	laced and Rep	placement	Components	3
Name of				Other		Repaired Replaced	ASME Code
Component	Name of	Manuf.	Nat.	00000		or	Stamped
	Manufacturer	Serial No.	Board No.	Identi- fication	Year Built	Replace- ment	(Yes or No)
-ASI-R931 ½" CS PLATE	M&E# 30-153186	ASP# 19662	N/A	A36 (93)	N/A	REPLACE- MENT	NO
1-ASI-R5018 2 x 2 x ¼ TUBE STEEL	M&E# 30-150165	ASP# 17922	N/A	A500 GR B (90)	N/A	REPLACE- MENT	NO
1-ASI-R5018 ¼ CS PLATE	M&E# 30-153129	ASP# 19616	N/A	A36 (91)	N/A	REPLACE- MENT	NO
1-ASI-R5018 2 x 2 x % CS ANGLE	M&E# 30-153030	ASP# 19842	N/A	A36 (90)	N/A	REPLACE- MENT	NO
1-ASI-R5018 ¾ x 2 U-BOLT	M&E# 30-024112	ASP# 13582	N/A	FIG 137N	N/A	REPLACE- MENT	NO
1-ASI-R5018 ¼ SS PLATE	M&E# 30-153160	ASP# 12890	N/A	A479 TP304 (A90)	N/A	REPLACE- MENT	NO

7. Description of Work <u>INSTALL SUPPORTS FOR MODIFICATION OF RWST DRAIN LINE</u> <u>INTO DEAD LEG FOR LEVEL INSTRUMENTS PER DESIGN CHANGE DCP-853</u>

8. Test Conducted: Hydrostatic \Box Pneumatic \Box Nominal Operating Pressure \Box N/A \boxtimes Other \Box Pressure <u>N/A</u> psi Test Temp.<u>N/A</u>°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

100-563

NIS-2-198-97

FORM NIS-2 (Back)

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Remarks _	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C42480-01 DESIGN CHANGE: DCP-853
	REPAIR/REPLACEMENT TRAVELER: C42480-01 ISI CLASS: 2
	CERTIFICATE OF COMPLIANCE
_REPLACEM	tify that the statements made in the report are correct and this ENT conforms to the rules of the ASME Code, Section XI. replacement
Type Code	Symbol Stamp <u>N/A</u>
Certifica	te of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed	Wayne Cretsinger, Senior Planner Date Nov. 9, 1997 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
and Pressu by <u>ARKWR</u>	ersigned, holding a valid commission issued by the National Board of Boiler re Vessel Inspectors and the State or Province of <u>Michigan</u> and employed IGHT MUTUAL INS. CO of WALTHAM, MASS.
<pre> Ko/3/97 and belief</pre>	cted the components described in this Owner's Report during the period to <u>/////97</u> , and state that to the best of my knowledge , the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME
Code, Sect By signi warranty, described employer s	· · · · · · · · · · · · · · · · · · ·
-1	
Inspect	Commissions <u>Mick 0055</u> , END NET or's Signature National Board, State, Province, Endorsements
Date <u>Nov</u>	ember 14 19 97

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI 101-563

	700000 NIS-2-239-97
Owner AMERICAN ELECTRIC POWER COMPANY	Date <u>12/17/97</u>
Name	
P.O. Box 60 Fort Wayne, IN 46801	Sheet 1 of 2
Address	
Plant D.C. COOK NUCLEAR POWER PLANT	Unit #
Name	
One Cook Place, Bridgman, MI 49106	C42537-02
Address	Repair Org. P.O. No., Job No., etc
Work Performed by Installation Services	Type Code Symbol Stamp <u>N/A</u>
Name	Authorization No. N/A
Same as #2	Expiration Date N/A
Address	• · · · · · · · · · · · · · · · · · · ·
Identification of System MAIN STEAM	AWS D1.1
(a) Applicable Const. Code <u>AWS D1.1</u> 19 <u>86</u>	Ed., <u>N/A</u> Add. <u>N/A</u> Code Case
(b) Applicable Edition of Section XI Utilized for	r Repairs or Replacements 19 <u>89</u>

6. Identification of Components Repaired or Replaced and Replacement Components

2.

3.

4. 5.

Name of Component 1-OME-3-1	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- Fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
STEAM ENERATOR #1 -1% CS PLATE	M&E# 30-153215	ASP# 18271	N/A	A36 (90)	N/A	REPLACE - MENT	NO
STEAM GENERATOR #1 ¼ CS PLATE	M&E# 30-153189	ASP# 17556	N/A	A36 (93a)	N/A	REPLACE- MENT	NO

7. Description of Work <u>REMOVE AND REPLACE SHIM ON S.G. #1 LATERAL SUPPORT WITH</u> <u>A SOLID SHIM AND ADD PLATE WASHERS AS NEEDED TO TIGHTEN THE SHIM PACKS.</u>

8. Test Conducted: Hydrostatic
Pneumatic
N/A Other
Pressure <u>N/A</u>psi Test Temp.<u>N/A</u>°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

102-563 Page 2 of 2

NIS-2-239-97

FORM NIS-2 (Back)

	Ref. JO: C42537-02 DESIGN CHANGE: N/A
	REPAIR/REPLACEMENT TRAVELER: C42537-02 ISI CLASS: 2
	CERTIFICATE OF COMPLIANCE
REPLACE	ertify that the statements made in the report are correct and this <u>MENT</u> conforms to the rules of the ASME Code, Section XI. or replacement
Type Cod	le Symbol Stamp <u>N/A</u>
Certific	cate of Authorization NoN/A Expiration DateN/A
Signed _	Wayne Cretsinger, Senior Planner Date DEC. 19, 1997 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
And Press by <u>ARKV</u> have insp <i>ic/ic/9</i>	ndersigned, holding a valid commission issued by the National Board of Boild sure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed WRIGHT MUTUAL INS. CO. of <u>WALTHAM, MASS</u> . pected the components described in this Owner's Report during the period to $1/23/97$, and state that to the best of my knowledge ef, the Owner has performed examinations and taken corrective measures
	d in this Owner's Report in accordance with the requirements of the ASME
By sign warranty described employer	ction XI. ning this certificate neither the Inspector nor his employer makes any , expressed or implied, concerning the examinations and corrective measures d in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage o f any kind arising from or connected with this inspection.
	1- 1
	ctor's Signature Commissions <u>Met 2055</u> , <u>EUD NET</u> National Board, State, Province, Endorsemen
Date Ja	WURRY 23 19 78

103-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:09-04-98
	<u>P.O. Box 60 Fort Wayne IN 46801</u>	Unit# 1
	2. Plant: D.C.Cook Nuclear Power Plant	Job Order <u>#C0042731-01</u>
	One Cook Place, Bridgman, MI 49106	Component#1-GRC-S555
3.	Work Performed by: AEP/D.C. COOK Maintenance Departm	nent
4.	Identification of System: <u>Reactor coolant piping support (h</u>	ydraulic snubber)
<u>5.</u>	(a) Applicable Construction Code: <u>ANSI-B31.1-1983 Ed.</u>	NO_Add., Code Case <u>:N/A</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-GRC-S555					REPAIRED	NO
MODIFY KIT "A"	GRINNELL MODIFY KIT "A" 2/-1/2" F	GRINNELL	M&E # 30-040551 ASP # 19456		REPAIRED	NO

 7.
 Hydrostatic N/A
 Pneumatic
 N/A
 Nominal Operating Pressure_N/A

 NDE:
 N/A
 Pressure: psi
 N/A
 Test Temperature
 N/A
 F.

Description of work:Coordinate this J.O. with R0086647-01 for rebuilding of snubber. Install modification kit "A" per 12MHP5021001028 A preservice VT-3 was performed

104-563

Job	Order/File:C0042731-01	ISI Class 1

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol Stamp
Certificate of Authorization No. 14 Expiration Date 14
Signed:
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period $\underline{7-22-98}$ to $\underline{3-2-01}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MA Muturpaugh Commissions	Michonss End NEI
Inspector's Signature	National Board, State, Province, Endorsements
	nth.
Date: March 2	

105-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:09-11098_
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
	2. Plant: D.C.Cook Nuclear Power Plant	Job Order <u>#C0042738-01</u>
	One Cook Place, Bridgman, MI 49106	Component#1-GBD-S569
3.	Work Performed by: AEP/D.C. COOK Maintenance Departr	nent
4.	Identification of System: <u>STEAM GENERATOR BLOWE</u>	OWN PIPING SUPPORT
<u>5.</u>	(a) Applicable Construction Code: <u>ANSI-B31.1-1983 Ed.</u>	NO_Add., Code Case:N/A
	(b) Applicable Edition of Section XI Utilized for Repairs or 1	Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component 1-GBD-S569	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced REPAIRED	ASME Code Stamped Yes/No NO
CONFIG. – A-KIT	GRINNELL A-KIT 1-1/2" F,USED WITH 5" SNUBBER	GRINNELL	M&E # 30-040550 ASP # 16665		REPLACED	NO

7.	Hvdrostatic	N/A	Pneumatic	N/A Nominal	Operating PressureN/A
				and the second s	

NDE: N/A Pressure: psi N/A Test Temperature F.

Description of work: Rebuild snubber using "configuration "A" kit, per 12MHP5021001028

106 - 563

Job Order/File<u>:C-0042738-01</u>

ISI Class 2

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol Stamp NA
Certificate of Authorization No. MA Expiration Date
Signed: Dewayne Timmons, welding supervisor Date 2-5-07
Owner or Owner's Designee Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period $\underline{7-zz-95}$ to $\underline{2-c-ci}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

Ma Muterspaced Commissions	Michooss, ENDNET
Inspector's Signature	National Board, State, Province, Endorsements
	, ml
Date: Feb 6	19 2001

107-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed

P.O. Box 60 Fort Wayne IN 46801

<u>: 12-15-97</u>

Job Order# C0043213-01

Unit# 1

2. Plant: D.C.Cook Nuclear Power Plant

One Cook Place, Bridgman, MI 49106

Component#_1-CTS-105W

- 3. Work Performed by: AEP/D.C. COOK Maintenance Department
- 4. Identification of System: CONTAINMENT SPRAY
- <u>5.</u> (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

 Name of Component 1-CTS-105W	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
NUTS (12) 5/8	ASME# SA-194 GR-8F	N/A	M&E# 30-212090 ASP# 19626	N/A	REPLACED	NO
NUTS (4) 5/8	ASME# SA-194 GR-8F	N/A	M&E# 30-212090 ASP# 20133	N/A	REPLACED	NO

Pneumatic NA Nomial Operating Pressure N/A NDE: N/A 7. Hydrostatic NA

Pressure: psi

Test Temperature <u>F.</u> Description of Work: The valve was disassembled and then reassembled using new

<u>nuts.</u>

Job Order/File: C0043213-01 ISI CLASS 2

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement conforms</u> to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol Stamp
Certificate of Authorization No. MA Expiration Date AA
Signed Dewayne Timmons Maint. Welding Supervisor Date <u>2-23-07</u> Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{12-12-97}{10}$ to $\frac{12-22-22}{10}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

Terraneugl. Commissions <u>Mich 0055, END NET</u> pector's Signature National Board, State, Province, Endorsements Inspector's Signature 19 2001 Date: Feb 26

109-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

-		
1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 12-15-97
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0043214-01</u>
	One Cook Place, Bridgman, MI 49106	Component# 1-CTS-105E
3.	Work Performed by: AEP/D.C. COOK Maintenance Department	ment
4.	Identification of System: <u>CONTAINMENT SPRAY</u>	
-	">>> + + + + + + + + + + + + + + + + + +	NO Add Code Case:

5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, <u>1983 Ed.</u> <u>NO Add.</u>, Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	<u>Material Identification:</u> M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-CTS-105E						
BONNET NUTS	ASME# SA-194	N/A	M&E# 30-212090	N/A	REPLACED	NO
	GR-8F (MMSM)		ASP# 18553 (3)			
			ASP# 16473 (2)			
			ASP# 18800 (11)			
	-					
i						

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure NDE:

Pressure: psi Test Temperature F.

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110 - 563

Description of Work: Replaced the existing bonnet nuts with new nuts.

Job Order/File: C0043214-01 ISI CLASS 2

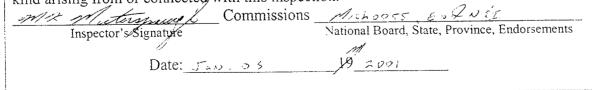
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol Stamp <u>NA</u>
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u>
Signed: Dewayne Timmons Maint. Welding Supervisor Date <u>7-8-00</u> Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

L the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{12 - 18 - 9.7}{12}$ to $\frac{12 - 18 - 9.7}{12}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

....

As Required by the Provisions of the ASME Code Section XI

111-563 NIS-2-274-99

Owner AMER	ICAN ELECTRIC		COMPANY	Date	12/	27/99	
	Nai			_	-		
<u>P.O. Box (</u>	50 Fort Wayne		5801	Sheet		of2	
	Addr			· .			
Plant <u>D.C.</u>	COOK NUCLEAF		PLANT	Unit	# 1		
_	Na						
One Cook I	Place, Bridgm		19106		828-10		
	Addre		_		-	No., Job	
Work Perfor	med by Instal	lation S	ervices		-	ol Stamp <u>N</u>	I/A
		Name		Author	ization N	N/A	
Same a	ıs #2			Expira	tion Dat	e N/A	
	Addr						
Identificat	ion of System	Contair	ment Pe	enetration	ASM	E CODE CL	ASS 2
(a) Applicab	le Const. Code	ANSI B3	1.1 19	83Ed., 1	I/A Add	. N/A	Code Cas
	le Edition of S						
Identificat:	ion of Componen	ts Repaire	ed or Rep	laced and Re	placement	Components	5
	+	· · · · · · · · · · · · · · · · · · ·	<u>+</u>	· · · ·		Repaired	ASME
				Other		Replaced	Code
Name of	Name of	Manuf.	Nat.			or	Stamped
Component	Manufacturer	Serial	Board	Identi- Fication	Year Built	Replace-	(Yes
		No.	No.			ment	or No)
-CPN-57	M&E#	ASP#	N/A	SA-193 B7	N/A	Replace-	N/A
/8" studs	30-21160	19317		(1989)		ment	
.6 ea.			L				
-CPN-57	M&E#	ASP#	N/A	SA-194 2H	N/A	Replace-	N/A
5/8" nuts 32	30-211880	20107		(1989)		ment	
1.			·				·
/							
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		1		· · · · ·			1
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· · · · · · · · · · · · · · · · · · ·		1		1	1	1	1
······		<u> </u>					1

N/A

Other

Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

112-53 Page 2 of 2

FORM NIS-2 (Back)

. . -

NIS-2-274-99

	Remarks
	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C43828-10
	Repair/Replacement Plan: C43828-10 ISI Class MC
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. Repair or replacement
	Type Code Symbol StampN/A
	Certificate of Authorization No. N/A Expiration Date N/A
	Signed Conrad V. Reid, Senior Planner Date 12/27, 1999 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
F F F c	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of <u>Johnston R.I.</u> 02919 have inspected the components described in this Owner's Report during the period 5/11/99 to $1/11/00$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME
V I E	Tode, Section XI. By signing this certificate neither the Inspector nor his employer makes any Marranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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.
	MAMATINATION Commissions NB 7030 MII 0055, End N& F Inspector's Signature National Board, State, Province, Endorsements
-	
-	Date $\frac{\pi M}{16}$ $\frac{\pi M}{16}$ $\frac{\pi M}{2000}$

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

				l	13-5	563 n:	IS-2-275-
Owner AMER	ICAN ELECTRIC		COMPANY	Date _	12/2	7/99	
P.O. Box	60 Fort Wayne Addr	e, IN 40	6801	Sheet	1	_of2	, , , , , , , , , , , , , , , , ,
. Plant <u>D.C.</u>	COOK NUCLEAF	R POWER	PLANT	Unit	# 3	1	
One Cook	Place, Bridge		49106	C4	3828-11		
	Addre			_	-	O. No., Job	-
. Work Perfor	rmed by <u>Instal</u>	lation S Name	ervices		-	ol Stamp <u>1</u>	I/A
Same a	as #2	Name			ation Dat	No. N/A	<u></u>
÷	Addr						
	ion of System					ME CODE CI	
	le Const. Code le Edition of Se						_Code Case
. Identificat	ion of Component	ts Repaire	ed or Rep	placed and Re	placemen	t Component:	s
				Other		Repaired	ASME
Name of	Name of	Manuf.	Nat.			Replaced or	Code Stamped
Component	Manufacturer	Serial No.	Board No.	Identi- Fication	Year Built	Replace-	(Yes
1-CPN-80	M&E#	ASP#	N/A	SA193 B7	N/A	Replace-	or No) N/A
¾" studs 16 ea	30-21160	18028	.,	(1989)		ment	
1-CPN-80	M&E#	ASP#	N/A	SA194 2H	N/A	Replace-	N/A
″ Heavy hex ⊿uts 32 ea.	30-211890	15684		(1989)		ment	
						· · · · · · · · · · · · · · · · · · ·	<u> </u>
······		:					
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						· · · · · · · · · · · · · · · · · · ·	
•							
			<u> </u>				
							<u> </u>
. Descriptio	n of work _Insta	all Flange	es on CPN	1 N-80 inside a	nd outsi	de of Conta	inment
Test Conduc	ted: Hydrostat	ic [] Other []	Pneumat			perating Prest St Temp. N	
OTE: Supplementa	al sheets in form of				-	,	
n., (2) informatic	on in items 1 throug sheets is recorded a	h 6 on this	report is	included on eac			

114-563

Page 2 of 2

NIS-2-275-99

FORM NIS-2 (Back)

🥱. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C43828-11

Repair/Replacement Plan: C43828-11 ISI Class: MC

	CERTIFICATE OF COMPLIANCE
REPLACEMENT Repair or replacement	statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp	N/A
Certificate of Authoriz	zation No. N/A Expiration Date N/A
Signed <u>Conrad V. Reid</u> , Owner or Owner	, <u>Senior Planner</u> Date <u>12/27</u> , 1999 r's Designee, Title

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 <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of <u>Johnston, R.I. 02919</u> Have inspected the components described in this Owner's Report during the period $\underline{s/n/??}$ to $\underline{n/n/op}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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.
<u>Mational Board</u> , MI 0055, End NEI Inspector's Signature National Board, State, Province, Endorsements
Date Jan. 11 19 2000

115-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1. Owr	ner: AMERICAN	ELECTRIC	POWER

P.O. Box 60 Fort Wayne IN 46801

Date_Performed:_07-01-98

Unit# 1

 2.
 Plant: D.C.Cook Nuclear Power Plant
 Job Order# C0044134-01

 One Cook Place, Bridgman, MI 49106
 Component#_1-ASI-L-49A

3. Work Performed by: <u>AEP/D.C. COOK Maintenance Department</u>

4. Identification of System: <u>PIPS</u>

5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, <u>1983 Ed.</u> <u>NO Add.</u>, Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-ASI-L-49A						
LOCK	ASME# B18.21.1	N/A	TEMP# 00-007349 ASP# 20291	N/A	REPLACED	NO
WASHER			PO#66026-042-89			
NUT	ASME# SA-194 GR-2H	N/A	M&E# 30-211910 ASP# 15509	N/A	REPLACED	NO
				-		

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE:

Pressure: psi Test Temperature F.

116-563

Description of Work: A new lock washer and nut were installed on 1-ASI-L-49A to take

care of the missing ones. A VT-3 exam was done also.

Job Order/File: C0044134-01-02 ISI CLASS 2

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol Stamp
Certificate of Authorization No. <u>MA</u> Expiration Date <u>MA</u> Signed: Dewayne Timmons Maint. Welding Supervisor Date <u>I-15-01</u> Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period 3-4-98 to 10-1000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

Section XI

Inspector's Signature Commissions Mich 3055 Gul NGI National Board, State, Province, Endorsements Date: Jan 16 19 2001

117-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_11-08-98
	<u>P.O. Box 60 Fort Wayne IN 46801</u>	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0044212-09</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-IFX-210-OR
3.	Work Performed by: AEP/D.C. COOK Maintenance Departr	nent
4.	Identification of System: <u>CONTAINMENT SPRAY</u>	

5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, <u>1983 Ed.</u> NO Add., Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-IFX-210-OR						
ROD	ASME# SA-453 GR-660 CLASS A	N/A	M&E# 30-21295 ASP# 19160	N/A	REPLACED	NO
NUT HEX HEAVY	ASME# SA-194 GR-8F	N/A	M&E# 30-046903 ASP# 14876	N/A	REPLACED	NO

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/A NDE:

Pressure: psi Test Temperature F.

118-563

Page 2 of 2

Description of Work: The spool was reinstalled using new nuts and studs.

Job Order/File: C0044212-09 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA	
Certificate of Authorization No,	NA	_Expiration DateA
Certificate of Authorization No, Signed: Dewayne Timmons M	aint. Welding	Supervisor Date /-/0-01
Owner or t	Owner's Design	ee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{11-10-98}{10-98}$ to 01-12-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

Section XI

Kind angue from of connected with the	is inspection.
<u>ABlake</u> Com	nissions Mi. 762
Inspector's Signature	National Board, State, Province, Endorsements
Date: fan. 10	2 2001

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

119- 563

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:7-27-98
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u>#_C0044389-14</u>
	One Cook Place, Bridgman, MI 49106	Component# DCP-896 (1-6R-21050)
3.	Work Performed by: AEP/D.C. COOK Maintenance Department	nent
4.	Identification of System: GLYCOL PIPING	

5. (a) Applicable Construction Code: ANSI-B31.1-1983 Ed. NO Add., Code Case: NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
STEEL TUBING	ASTM A500 1993	NA	M&E 30-153269 ASP 20337	NA	REPLACED	NO
STEEL	ASTM A500	NA	M&E 30-150165 ASP 17922	NA	REPLACED	NO
STEEL BAR	ASTM A-36-91	NA	M&E 30-0153140	NA	REPLACED	NO
STEEL SHEET	ASTM A653-94	NA	ASP 15946 M&E 30-153229	NA	REPLACED	NO
			ASP 19396			

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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER

P.O. Box 60 Fort Wayne IN 46801

2. Plant: D.C.Cook Nuclear Power Plant

One Cook Place, Bridgman, MI 49106

3. Work Performed by: AEP/D.C. COOK Maintenance Department

4. Identification of System: <u>GLYCOL PIPING SYSTEM</u>

5. (a) Applicable Construction Code: ANSI-B31.1-1983 Ed. NO_Add., Code Case: NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-AR-R5000						
STEEL	ASTM A50	NA	M&E 30-150165	NA	REPLACED	NO
TUBING	1990		ASP 17922			
STEEL ANGLE	ASTM A36	NA	M&E 30-153032	NA	REPLACED	NO
	1990		ASP 19616			
STEEL BAR	ASTM A-36-93A	NA	M&E 30-153127	NA	REPLACED	NO
			ASP 20280			
STEEL	ASTM A500	NA	M&E30-150165	NA	REPLACED	NO
TUBING	1990		ASP 17922			
1-GR-R1050					· · · · · · · · · · · · · · · · · · ·	
PIPE	SA-106	NA	M&E 30-014962	NA	REPLACED	NO
	GR B		ASP 19196			

Job Order<u>#_C0044389-14</u>

Date Performed: 7-27-98

Unit# 1

Component#_DCP-896 (1-AR-2,5000)

Job Order/File: C0044398-14

ISI Class 2

CERTIFICATE	OF COMPLIANCE
	the report are correct and this <u>repair and/or</u> SME Code, Section XI repair or replacement.
Type Code Symbol Stamp	<i>A</i>

Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u>	
Signed: Dewaype Tinmons, welding supervisor	Date
Owner or Owner's Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period $\frac{7-14-98}{100}$ to $\frac{21-31-03}{100}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

Section XI

Inspector's Signature	Mich 0055, END NET
Inspector's Signature	National Board, State, Province, Endorsements
	,
Date: JAN 31	19 2001
······································	

122-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Own	er: AMERICAN ELECTRIC POWER	Date_Performed:07-02-98
	<u>P.O.</u>	Box 60 Fort Wayne IN 46801	Unit# 1
	2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u>#C0044418-01</u>
	One	Cook Place, Bridgman, MI 49106	Component# 1-ASI-L-43A

- 3. Work Performed by: AEP/D.C. COOK Maintenance Department
- 4. Identification of System: SAFETY INJECTION (PIPING SUPPORT)
- 5. (a) Applicable Construction Code: <u>ANSI-B31.1-1983 Ed.</u> NO Add., Code Case:<u>N/A</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-ASI-L-43A						NO
WELD ROD 3/32" COATED	ASME SFA-5.1	N/A	M&E # 30-044315 ASP # 20243	N/A	REPAIRED	NO

 7.
 Hydrostatic N/A
 Pneumatic
 N/A Nominal Operating PressureN/A

 NDE:
 VT/MT
 Pressure: psi
 Test Temperature
 F.

Description of work: Removeed existing broken welds on support 1-ASI-L-43A and rewelded. VT/MT were performed on welds by Q.C.

Page 2 of 2

l	23	 563
		_

Job Order/File: C0044418-01

ISI Class 2

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA	·
Certificate of Authorization No	NA Expiration Date NA	
Certificate of Authorization No Signed:	supervisor	Date 7-2-01
Owner or C	wner's Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period $\underline{4-6-78}$ to $\underline{2-2-1}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

Mr Muterspace Commissions	Mich 0055, ENd NET	
Inspector's Signature	National Board, State, Province, Endorsements	
Date:	19 2001	

124-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

i

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 09-11-98
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0045405-06-28</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-CTS-127E
3.	Work Performed by: AEP/D.C. COOK Maintenance Departs	nent
4.	Identification of System CONTAINMENT SPRAY	

5. (a) Applicable Construction Code: <u>ANSI B31.1, 1983 Ed.</u> <u>NO_Add.</u>, Code Case: <u>N/A</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-CTS-127E					-	
1 ¼ PIPE PLUG	ASTM# A-182	N/A	TEMP# 00-008221	N/A	REPLACED	NO
•	GR - F304		ASP# 20568			
2" PLUGS	ASME# SA-182	N/A	TEMP# 00-008270	N/A	REPLACED	NO
	GR – 304 SS		ASP# 20579			
2" PLUG	ASME# SA-182	N/A	TEMP# 00-008098	N/A	REPLACED	NO
	GR- TP 304		ASP# 20589			
2" PIPETS (32)	ASME# SA-182	N/A	TEMP# 00-008292	N/A	REPLACED	NO
10" x 5" pipe run	GR-304		ASP# 20565			
2" PIPETS (6)	ASME# SA-182	N/A	TEMP# 00-008292	N/A	REPLACED	NO
4"x 3" pipe run	GR- 304		ASP# 20565			

125-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 09-11-98	
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1	
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0045405-06-28</u>	
	One Cook Place, Bridgman, MI 49106	Component#_1-CTS-127E	
3.	Work Performed by: AEP/D.C. COOK Maintenance Department		

4. Identification of System: <u>CONTAINMENT SPRAY</u>

5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, 1983 Ed. <u>NO Add.</u>, Code Case: <u>N/A</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-CTS-127E						
PIPET (8)	ASME# SA-182	N/A	TEMP# 00-008232	N/A	REPLACED	NO
•	GR-304		ASP# 20555			
PIPET (4)	ASME# SA-182	N/A	TEMP# 00-008231	N/A	REPLACED	NO
	GR-304		ASP# 20555			
PLUG 2"	ASME# SA-182	N/A	TEMP# 00-008098	N/A	REPLACED	NO
	GR- F304		ASP# 20535			
PIPET 1 ¼"	ASTM# SA-182	N/A	TEMP# 00-008064	N/A	REPLACED	NO
(36)	GR-F304		ASP# 20532			
PIPET 1 ¼ "	ASTM# SA-182	N/A	TEMP# 00-008065	N/A	REPLACED	NO
(6)	GR-F304		ASP# 20532			

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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_09-11-98		
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1		
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u>#_C0045405-06-28</u>		
	One Cook Place, Bridgman, MI 49106	Component#_1-CTS-127E_		
3.	Work Performed by: AEP/D.C. COOK Maintenance Department			
4.	Identification of System: <u>CONTAINMENT SPRAY</u>			

5. (a) Applicable Construction Code: ANSI-B31.1-1983 Ed. NO Add., Code Case: NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-CTS-127E						
•			man			

7. Hydrostatic NA Pneumatic N/A Nominal Operating Pressure

NDE: PT Pressure: psi Test Temperature F.

Description of work: The pipets and plugs were installed for testing. VT & PT exams were done also.

Job Order/File C0045405-06-28 ISI Class
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement conforms</u> to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol Stamp
Certificate of Authorization No. MA Expiration Date MA
Signed: <u>Dewayne/Timmons, welding supervisor</u> Date <u>3</u> -2-0/
Owner or Owner's Designee, Title

127-563

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period $\frac{9/4/98}{10}$ to 3-2-26, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

<u>MX Muturapaugk</u> Commissions Inspector's Signature	Mich 0055, END NÉT National Board, State, Province, Endorsements	
Date: Malech G	18 2001	

128-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1. Owner: AMERICAN ELECTRIC POWER	Date_P
-----------------------------------	--------

P.O. Box 60 Fort Wayne IN 46801

Performed: 12-22-99

Job Order# C0045442-03

Component# 1-HE-18W

Unit# 1

2. Plant: D.C.Cook Nuclear Power Plant

One Cook Place, Bridgman, MI 49106

- Work Performed by: AEP/D.C. COOK Maintenance Department 3.
- Identification of System: <u>CONTAINMENT SPRAY</u> 4.
- (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case:____ <u>5.</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

Identification of Components Repaired or Replaced and Replacement Components 6.

	Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
-	1-HE-18W						
	ROD	ASME# SA-193	N/A	M&E# 30-211640	N/A	REPLACED	NO
		GR B7	N/A	ASP# 21077 M&E# 30-211910	N/A	REPLACED	NO
	NUTS	ASME# SA-194 GR 2H	N/A	ASP# 21105			

Pneumatic NA Nomial Operating Pressure N/ANDE: 7. Hydrostatic NA

Test Temperature F. Pressure: psi

Description of Work: The waterbox cover was installed using new rod and nuts.

Job Order/File: C0045442-03 ISI CLASS 2

CERTIFICATE OF COMPLIANCE					
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.					
Type Code Symbol Stamp					
Certificate of Authorization No Expiration Date					
Certificate of Authorization No. NA Expiration Date NA Signed: Dewayne Timmons Maint. Welding Supervisor Date 1-16-01					
Owner or Owner's Designee, Title					

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\underline{12 \cdot 29 \cdot 98}$ to $\underline{01 - 22 \cdot 01}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MA Matterpaush Commissions	Mich 0055, ENd NET
Inspector's Signature	National Board, State, Province, Endorsements
Date: $J = N = Z Z$	18 200 1

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1. Owner: <u>AMERICAN ELECTRIC POWER</u>

P.O. Box 60 Fort Wayne IN 46801

2. Plant: D.C.Cook Nuclear Power Plant

One Cook Place, Bridgman, MI 49106

Component# 1-PP-9E

Unit# 1

Date Performed: 10-21-98

Job Order# C0045626-13

130-563

- 3. Work Performed by: <u>AEP/D.C. COOK Maintenance Department</u>
- 4. Identification of System: <u>CONTAINMENT SPRAY</u>
- 5. (a) Applicable Construction Code: <u>ASME III</u>, <u>1983 Ed.</u> <u>NO Add.</u>, Code Case: <u>N/A</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
ASME# SA-194	N/A	M&E# 30-211955	N/A	REPLACED	NO
GR-2H		ASP# 17144			
· · · · · · · · · · · · · · · · · · ·			-		
	AISI designation: ASME# SA-194	AISI designation: Manufacture ASME# SA-194 N/A	AISI designation: Manufacture M&E# ASP# P.O.# ASME# SA-194 N/A M&E# 30-211955	AISI designation: Manufacture M&E# ASP# P.O.# ASME# SA-194 N/A M&E# 30-211955 N/A	AISI designation:ManufactureM&E# ASP# P.O.#Or ReplacedASME# SA-194N/AM&E# 30-211955N/AREPLACED

7. Hydrostatic NA Pneumatic NA Nominal Operating Pressure N/A NDE: N/A

Pressure: psi Test Temperature F.

Description of Work: The pump was cover to case connection was done using new nuts.

Job Order/File: C0045626-13 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp <u>NA</u>

Certificate of Authorization No. <u>MA</u> Expiration Date <u>MA</u>

Signed. Dewayne Timmons Maint. Welding Supervisor Date <u>2-//6-0/</u> Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{2\sigma-121-98}{10}$ to $\frac{2\sigma-121-98}{100}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in concerdence with the requirements of the ASME Code

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MA Muturgnaugh Commissions	MICHODSS, ENdNEL
Inspector's Signature	National Board, State, Province, Endorsements
Date: <u>Feb 19</u>	19 2001

132-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_10-10-98
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0045627-13</u>
	<u>One Cook Place, Bridgman, MI 49106</u>	Component#_1-PP-9W

3. Work Performed by: <u>AEP/D.C. COOK Maintenance Department</u>

4. Identification of System: <u>CONTAINMENT SPRAY</u>

5. (a) Applicable Construction Code: ASME III, 1983 Ed. NO Add., Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

. ,	Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
	1-1/2" NUTS	ASME# SA-194	N/A	M&E# 30-211955	N/A	REPLACED	NO
		GR-2H		ASP# 17144			
			<u></u>				

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE: MT

Pressure: psi Test Temperature F.

Page 2 of 2

133-563

Description of Work: The pump was cover to case connection was done using new nuts.

Job Order/File: C0045627-13 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> replacement conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA	
Certificate of Authorization No	NA	Expiration Date NA
Signed: Dewayne Timmons M	∽ ∕Iaint. Wel	ding Supervisor Date 2-12-01
		esignee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{2 - 12 - 98}{10}$ to $\frac{2 - 13 - 01}{10}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

Mar Muterspaugh	Commissions	Mich 0055, End NET	
Inspector's Signature	r	National Board, State, Province, Endorsements	
Date:	=eb 13	19 2001	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

134-563

Component# 1-NFA-230-OR

 1.
 Owner: AMERICAN ELECTRIC POWER
 Date_Performed: __08-25-98

 P.O. Box 60 Fort Wayne IN 46801
 Unit# 1

 2.
 Plant: D.C.Cook Nuclear Power Plant
 Job Order#_C0045766-02

One Cook Place, Bridgman, MI 49106

3. Work Performed by: AEP/D.C. COOK Maintenance Department

4. Identification of System: <u>REACTOR COOLANT</u>

5. (a) Applicable Construction Code: ANSI-B31.1-1983 Ed. NO Add., Code Case: NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-NFA-230-OR						
NUTS 1 1/8	ASME# SA-194	N/A	M&E# 30-212140	N/A	REPLACED	NO
	GR 8F HEAVY		ASP# 16474&10355			
ALL THREAD	ASME# SA-453	N/A	M&E# 30-212310	N/A	REPLACED	NO
1 1/8	GR 660		ASP# 17797			

7.	Hydrostat	ic NA	Pneumatic	N/A Nominal Operating Press	ure
	NDE:	VT-2	Pressure: psi	Test Temperature	F.

135-5643 Ret-3/1401 Description of work: The flange was repaired using new studs and nuts. A VT-2 & VT

exam was done. The VT-2 exam was done under JO/R72394-01

Job Order/File C0045766-02 ISI Class 1_____

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> replacement conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA	
Certificate of Authorization I	No. <i>NA</i> Expiration Date	NH
Signed: <u>Dewayne Timmons, wel</u>	ding supervisor	Date 2-28-01
Owner	or Owner's Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period $\frac{\frac{3}{2}7}{38}$ to $\frac{2-28-01}{2-28-01}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

mamuterspring	Commissions	Mich 0055, ENd NGI
Inspector's Signature		National Board, State, Province, Endorsements
Date:	Feb 28	19 2001

136-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:01-19-98_
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1

Plant: D.C.Cook Nuclear Power Plant 2.

One Cook Place, Bridgman, MI 49106

Work Performed by: AEP/D.C. COOK Maintenance Department 3.

Identification of System: REACTOR COOLANT SYSTEM_ 4.

(a) Applicable Construction Code: ANSI-B31.1-1983 Ed. NO Add., Code Case: NA <u>5.</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

Identification of Components Repaired or Replaced and Replacement Components 6.

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
THREADED	AME SA-453		M&E 30-212300	NA	REPLACED	NO
ROD	GR. 660		ASP 18093			
NUTS	ASME SA 194		M&E 30-212110	NA	REPLACED	NO
	GR 8F HEAVY		ASP 18752			

Pneumatic N/A Nominal Operating Pressure 7. Hydrostatic NA

F. Test Temperature NDE: VT-2 Pressure: psi

Job Order# C0045766-13

Component# 1-RC-109-L3

137-563

Description of work: Installed new Gasket and Bolting. VT-2 performed under Job Order

<u>R72394-01</u>

Job Order/File:C0045766-13 ISI Class 1

CERTIFICATE OF COMPLIANCE						
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.						
Type Code Symbol Stamp						
Certificate of Authorization No. MA Expiration Date MA						
Signed: Dewayne Timesons, welding supervisor	Date_2-20-01					
Owner or Owner's Designee, Title						

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period $\frac{3-27-93}{10}$ to $\frac{3-27-93}{10}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

M& Muterspause Commissions	Mich 0055, ENd NGT
Inspector's Signature	National Board, State, Province, Endorsements
	M
Date: Feb 20	18 2001

FORM NTS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

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м. — Х. 	As Required by	the Provi	isions of	the ASME Co			
		-			138	, -563 _{NI}	S-2-276-
Owner AMER	ICAN ELECTRIC		OMPANY	Date	12/2	7/99	
P.O. Box	60 Fort Wayne	, IN 46	801	Sheet	1	of2	
Plant D.C.	Addre COOK NUCLEAR		LANT	Unit	# 1		
	Nar Place, Bridgm	ne		 C45	801-09		
	Addre	ess		Repair	Org. P.C). No., Job	
Work Perfor	med by Install		ervices			ol Stamp <u>N</u>	I/A
Gama	· #0	Name			tion Dat	NO. N/A	
Same a	Addre	ess		Expira	LION Dat		
Identificat	ion of System	Containm	ent Spi	ray	ASM	IE CODE CL	ASS 2
(a) Applicab	ion of System le Const. Code 4	AISC 1	.9 <u>69</u> Ed	., <u>N/A</u>	Add. $N/2$	A Code	Case
(b) Applicab	le Edition of Se	ection XI	Utilized	l for Repairs	or Repla	acements 19	39
Identificat	ion of Component	ts Repaire	a or kep I	laced and Re	pracement	Repaired	ASME
Manufa - E				Other		Replaced	Code
Name of Component	Name of Manufacturer	Manuf. Serial	Nat. Board	Identi-	Year	or Replace-	Stamped (Yes
<u>-</u>	Manufaccurer	No.	No.	Fication	Built	ment	or No)
L-HE-18W	PO#	ASP#	N/A	A490-97	N/A	Replace-	N/A
7/8" x 4"	66498-042-8Y	20640		Type 1		ment	
Bolts 1-HE-18W	M&E#	ASP#	N/A	SA194 2H	N/A	Replace-	N/A
7/8" Nuts	30-211900	15684		(1989)		ment	L
-HE-18W	M&E#	ASP#	N/A	F436-93	N/A	Replace- ment	N/A
7/8" Washers	30-212700	19995					
	<u> </u>						1
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	-						
		<u> </u>	<u> </u>		<u> </u>	1	_ <u>_</u>

Description of work Rotate West Containment Spray Heat Exchanger 180 7. Degrees and Set

	Test Conducted:	Hydr	ostat	ic 🗌	Pneumatic		Nominal	Operating	Pressure	\mathbf{X}
\leq <		N/A		Other	Pressure	<u>N/A</u>	psi	Test Temp.	N/A °	F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Page 2 of 2

139-563

NIS-2-276-99

FORM NIS-2 (Back)

5. 5.

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Remarks	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C45801-09 Design Change: 1-DCP-239
	Repair/Replacement Plan C45801-09 ISI Class 2
	CERTIFICATE OF COMPLIANCE
REPLACE	rtify that the statements made in the report are correct and this MENT conforms to the rules of the ASME Code, Section XI. r replacement
Type Cod	e Symbol StampN/A
Certific	ate of Authorization No. N/A Expiration Date N/A
Signed _	Conrad V. Reid, Senior Planner Date $\frac{12}{27}$, 19 59 Owner or Owner's Designee, Title
· .	
	CERTIFICATE OF INSERVICE INSPECTION
And Press by FACT Have insp /0/8/9, and belie described Code, Sec By sign Warranty, Described Employer	dersigned, holding a valid commission issued by the National Board of Boile sure Vessel Inspectors and the State or Province of <u>Michigan</u> and employe <u>ORY MUTUAL INSURANCE Co.</u> of <u>Johnston, R.I. 02919</u> bected the components described in this Owner's Report during the period g to $1/11/00$, and state that to the best of my knowledge of, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME to XI. hing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.
<u>MX</u> Inspec	<u>Matingauge</u> Commissions <u>NB 9030</u> , <u>MI0055</u> , <u>END NJI</u> stor's Signature National Board, State, Province, Endorsement
Date <u>Ja</u>	N 11 15 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

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					l	40 - 9	563 м	IS-2-277-
1. Owner AMER	CICAN ELECTRIC		COMPANY	ם	ate _	12/2	27/99	
P.O. Box	60 Fort Wayne	e, IN 4	6801	S	heet	1	of 2	
	Addr							
2. Plant <u>D.C.</u>	COOK NUCLEAR		PLANT	U	nit _	# 1		
One Cook	, Place, Bridgm		49106			5801-11		
	Addre			R	epair	Org. P.(D. No., Job	No., etc
3. Work Perfor	med by Instal	lation S	ervices	s T	Суре С	ode Symb	ol Stamp _]	N/A
		Name		A	uthor	ization 1	No. N/A	
Same a	as #2			E	Expira	tion Dat	e N/A	
	Addre	ess			-			
4. Identificat	ion of System	Contain	nent Sp:	ray		ASM	IE CODE CI	JASS 2
	le Const. Code					Add. N/2	and the second s	Case
	le Edition of Se							89
6. Identificat	ion of Component	ts Repaire	ed or Rep	laced a	nd Re	olacement	component	S
							Repaired	ASME
				Other			Replaced	Code
Name of	Name of	Manuf.	Nat.				or	Stamped
Component	Manufacturer	Serial	Board	Identi		Year Built	Replace-	(Yes
		No.	No.	Ficati			ment	or No)
1-HE-18W	M&E#	ASP#	N/A	A325-9		N/A	Replace-	N/A
3/4″ x 3-	30-047214	13730		Type 1			ment	
3/4" Bolts						(17/2
1-HE-18W	M&E#	ASP#	N/A	SA194	2Н	N/A	Replace-	N/A
'4" Nuts	30-211890	15684		(1989)			ment	27/2
T-HE-18W	M&E#	ASP#	N/A	F436-9	3	N/A	Replace-	N/A
¾" Washers	30-212695	15972					ment	
				<u> </u>				
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7. Description of work <u>Reinstall the Lateral Guides (Belly Bands)</u> for West CTS Heat Exchanger per Design Change 1-DCP-239

	Test Conducted:	Hydr	ostat	ic 🗌	Pneumatic		Nominal	Oper	ating	Pressure	• X
\sim		N/A		Other	Pressure	N/A	psi	Test	Temp.	N/A	°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 3-1/2 in. x 11 in., (1) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

141-563

NIS-2-277-99

Page 2 of 2

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C45801-11 Design Change: 1-DCP-239

Repair/Replacement Plan C45801-11 ISI Class 2

	CERTIFICATE OF COMPLIANCE	
REPLACE	ertify that the statements made in the report are correct and this MENT conforms to the rules of the ASME Code, Section XI. or replacement	
Гуре Соо	le Ŝymbol Stamp <u>N/A</u>	
Certific	ate of Authorization No. N/A Expiration Date N/A	
Signed _	Conrad V. Reid, Senior Planner Date 12/27, 1999 Owner or Owner's Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the Mational Board of Boiler And Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of <u>Johnston, R.I. 02919</u> Have inspected the components described in this Owner's Report during the period $\frac{ro/3/9s}{to}$ to $\frac{1/1000}{1000}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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 NB9030, MI0055, END N &I National Board, State, Province, Endorsements

Date 1/11 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

				.)	42-5	ю5 ки	[S-2-289-
Owner AMER	ICAN ELECTRIC		COMPANY	Date _	12/31	/99	
P.O. Box	60 Fort Wayne		6801	Sheet	1.	of 2	
<u>1.0. Dox</u>	Addre						
Plant D.C.	COOK NUCLEAR	POWER	PLANT	Unit	#	1	
	Nar	ne					
One Cook	Place, Bridgm		49106		5801-13		
	Addre					D. No., Job	
Work Perfor	med by Instal		ervices		-	ol Stamp <u>N</u> o. N/A	N/A
O arma	~ #0	Name				10. N/A	
Same a	Addro	999		Expir	ation Dat	e <u>N/A</u>	···, ··· ·
Identificat	ion of System		ment Sp	rav	ASN	AE CODE CI	ASS 2
(a) Applicab	le Const. Code	ANST B3	1.1 19	83Ed.,	N/A Add	1. N416-1	Code Case
(h) Applicab	le Edition of S	ection XI	Utilized	d for Repairs	s or Repla	acements 19	89
Identificat	ion of Componen	ts Repair	ed or Rep	placed and Re	eplacemen	t Component	s
···						Repaired	ASME
Name of	Name of	Manuf.	Nat.	Other	1	Replaced or	Code Stamped
Component	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes
		No.	No.	Fication	Built	ment	or No)
-HE-18W	M&E#	ASP#	N/A	ER 308	N/A	Replace-	N/A
/8″ S/S	30-044990	20484			1	ment	
Filler Metal							
-HE-18W	M&E#	ASP#	N/A	ER 308	N/A	Replace-	N/A
/32" S/S	30-044988	11468	N/A	ER 500	N/ A	ment	
Filler Metal	50 044900						
-HE-18W	M&E#	ASP#	N/A	ER 308	N/A	Replace-	N/A
5/32″ S/S	30-044992	13359				ment	
filler Metal							
	·····		_				
						· · · · · · · · · · · · · · · · · · ·	
	· · · · · · · · · · · · · · · · · · ·						
			+				
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		,				1	
<u> </u>							1
<u></u>		1					-
		1					
				,			

he CTS Nozzles

8.	Test Conducted:	Hydr	ostat	ic 🗌		Pneumatic		Nominal	Operating	Pressure	
		N/A	Π	Other	Ē	Pressure	N/A	psi	Test Temp.	N/A	°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

143-53 Page 2 of 2

FORM NIS-2 (Back)

Semarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C45801-13 Design Change: 1-DCP-239

Repair/Replacement Plan: C45801-13 ISI Class: 2

CERTIFIC	CATE OF COM	PLIANCE	
We certify that the statements ma <u>REPLACEMENT</u> conforms to t Repair or replacement	de in the r he rules of:	report are correct the ASME Code/ S	and this Section XI.
Type Code Symbol Stamp <u>N/A</u>			
Certificate of Authorization No.	N/A	Expiration Date	e N/A
Signed <u>Conrad V Reid</u> , <u>Senior Planne</u> Owner or Owner's Designee,	er Da Title	ate	, 19

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 <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of <u>Johnston, R.I. 02919</u> Have inspected the components described in this Owner's Report during the period $\gamma_{-1} - \gamma_{\mathcal{S}}$ to $2 - 12 - 01$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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.
<u>MRMethospaush</u> Inspector's Signature Commissions <u>Mich 0055</u> , ENSINGT National Board, State, Province, Endorsements
Date <u>Feb 12 18 2001</u>

NIS-2-289-99

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

144-563 NIS-2-288-99 Date 12/31/99 Owner AMERICAN ELECTRIC POWER COMPANY Name Sheet 1 of 2_____ P.O. Box 60 Fort Wayne, IN 46801 Address Unit # 1. Plant D.C. COOK NUCLEAR POWER PLANT 2. Name C45801-32 One Cook Place, Bridgman, MI 49106 Repair Org. P.O. No., Job No., etc Address Type Code Symbol Stamp N/A Work Performed by Installation Services 3. Authorization No. N/A Name Expiration Date $\overline{N/A}$ Same as #2 Address ASME CODE CLASS 2 Identification of System Containment Spray 4 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 6. Identification of Components Repaired or Replaced and Replacement Components Repaired ASME Other Replaced Code Name of Name of Manuf. Nat. Stamped or Component Manufacturer Serial Identi-Year Board Replace-(Yes Fication Built No. No. or No) ment ASP# N/A N/A N/A Replace-N/A 1-HE-18W M&E# ment 20610 (1-ITI-220) 25-900295 Thermowell AEP# 6 Replace-ER308 N/A No -HE-18W ASP# N/A M&E# ment 20484 (1-ITI-220) 30-044990 S/S Filler Metal Description of work ____ Replace Thermowell (1-ITI-220) to facilitate rotating of 7. Containment Spray Heat Exchanger 1-HE-18W

Test Conducted: Hydrostatic 🗌 Pneumatic 🗌 Nominal Operating Pressure 🖾 N/A 🗍 Other 🗍 Pressure N/A psi Test Temp.<u>N/A</u>[°]F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x ll in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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		175-507	NIS-2-288-9
		FORM NIS-2 (Back)	
~	Remarks	VT-2	<u></u>
		Applicable Manufacturer's Data Reports to be attached	
		Ref. JO: C45801-32 Design Change: 1-DCP-239	<u></u>
		Repair/Replacement Plan: C45801-32 ISI Class 2	
	REPLACE	CERTIFICATE OF COMPLIANCE Entify that the statements made in the report are correct and this EMENT conforms to the rules of the ASME Code; Section XI. For replacement	
		de Symbol Stamp <u>N/A</u> cate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	
	Signed _	and in	
	·····		
~			

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 Michigan and employed Johnston, R.I. 02919 by FACTORY MUTUAL INSURANCE Co. of Have inspected the components described in this Owner's Report during the period _____, and state that to the best of my knowledge to <u>2-12-01</u> 9-16-48 and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

Commissions <u>MILL 0055, ENQ NET</u> National Board, State, Province, Endorsements Inspector's Signature 2001 Date Feb 12

	FORM NIS-2 OW As Required b	NER'S RE	PORT F(visions	OR REPAIRS	OR REPI	ACEMENTS		
						- 563		
	RICAN ELECTRI Name		COMPAN	Y Date	Februa	ary 13, 20	01	
	60 Fort Wayn Add	ress	6801	Sheet	1	_of2		
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1								
	Place, Bridg Addre	SS			45803 - 0)3		
	Address Repair Org. P.O. No., Job No., etc 3. Work Performed by Maintenance Department Type Code Symbol Stamp Name Authorization No.							
Sam	e as #2	<u> </u>				on No. <u>N/A</u> DateN/A	L	
5. (a) Applicat	Addr ion of System le Const. Code	Main S	10 0		AS	ME CODE CI		
(b) Applicat	ole Edition of S ion of Componen	ection VI	TT-272					
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- Fication	Year Built	Repaired Replaced or Replace-	ASME Code Stamped (Yes	
Steam Pipe	N/A	N/A	N/A	Steam Piping	N/A	ment Repaired	or No) No	
			· · · · · · · · · · · · · · · · · · ·					
	· · · · · · · · · · · · · · · · · · ·							
7. Description was VT and MT'd	n of work <u>Remo</u> under Job Order	ved Boat C45803-0	Samples 5.	from Main Ste	eam Pipir	ng. The exca	vated area	
8. Test Conduct	ed. Hydrostati							

 nyurostat	лс Ц	Pneumatic	Nominal	Operating	Pressure	- m
N/A 🗵	Other	Pressure	1	Test Temp.		- Ll 70 70

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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FORM NIS-2 (Back)

∽ Remarks							
	Applicable Manufacturer's Data Reports to be attached						
	Ref. JO: C45803-03 Design Change: N/A						
	Repair/Replacement Plan: C45803-03 ISI Class 2						
CERTIFICATE OF COMPLIANCE							
REPLACEM	The statements made in the report are correct and this MENT conforms to the rules of the ASME Code, Section XI. replacement						
Type Code	e Symbol StampN/A						
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> Signed <u>WWA406</u> <u>FAMORES MAINT Super WeldingDate</u> <u>2-13-</u> , 20 01 Owner or Owner's Designee, Title							
N							
	CERTIFICATE OF INSERVICE INSPECTION						
And Pressu by <u>FACTO</u> Have inspe <u>3-17-98</u> and belief described Code, Sect By signi Warranty, Described Employer s	dersigned, holding a valid commission issued by the National Board of Boiler the Vessel Inspectors and the State or Province of <u>Michigan</u> and employed <u>NRY MUTUAL INSURANCE Co.</u> of <u>Johnston, R.I. 02919</u> cted the components described in this Owner's Report during the period to <u>$\lambda \cdot 15 \cdot 01$</u> , and state that to the best of my knowledge to the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. ng this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.						

Ma Materspange Commission Inspector's Signature	15 Michooss	ENDNET	
Inspector's Signature	National Board,	State, Province,	Endorsements
Date <u>Feb 15</u> 20 01			

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148-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 10-02-98			
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1			
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0045803-05</u>			
	One Cook Place, Bridgman, MI 49106	Component <u>#_STEAM PIPE</u>			
3.	Work Performed by: AEP/D.C. COOK Maintenance Department				
4.	Identification of System: <u>STEAM PIPE</u>				

5. (a) Applicable Construction Code: <u>ANSI B31.1, 1983 Ed.</u> NO Add., Code Case:
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: <u>1989</u>, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
_	STEAM PIPE	N/A	N/A	EXISTING	N/A	REPAIRED	NO
	FILLER MAT.	ASME# SFA 5.1	N/A	M&E≓ 30-044317	N/A	REPAIRED	NO
	u 701.s			\SP# 16974			
				· · · · · · · · · · · · · · · · · · ·			
				:			
			-	*: *			
				i			1

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE:,RT,MT

Pressure: psi Test Temperature F.

2

Page 2 of 2

Description of Work: The boat samples were removed and the holes were welded up.

QC performed a final VT,MT, and RT.

Job Order/File: C0045803-05 ISI CLASS

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA	
Certificate of Authorization No	. JASA	Expiration Date <u>NA</u>
Certificate of Authorization No Hungh Signed: Dewayne Timmons N	Vaint. Weldir	ng Supervisor Date <u>/ 02-0</u> /
	r Owner's Desig	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspector and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\underbrace{\underline{\beta} - \underline{\beta} \cdot \underline{\beta}}_{\underline{\beta} - \underline{\beta} \cdot \underline{\beta}}$ to $\underbrace{\underline{\beta} - \underline{\beta} \cdot \underline{\beta}}_{\underline{\beta} - \underline{\beta} \cdot \underline{\beta}}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

Section XI

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

M& Maturmanel Commissions	Mich 0055, End NGT
Inspector's Signature	National Board, State, Province, Endorsements
	JMA
Date: Tax 23	18 2001

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Name

150-563

ASME

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

of onent	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification M&E#	<u>1:</u> Year built	Repaired Or Replaced
6.	Identification of Com	ponents Repaire	d or Replaced and Re	placement Con	nponents
	(b) Applicable Edition of	Section XI Utilized	l for Repairs or Replacen	ents <u>: 1989, No A</u>	ddenda
<u>5.</u>	(a) Applicable Construct	ion Code: <u>ANSI-B3</u>	1.1-1983 ED NO	Add., Code Cas	e <u>:N-416-1</u>
4.	Identification of System: STEAM GENERATOR #1				
3.	Work Performed by: Welding Services Inc. / AEP.				
	One Cook Place, Bridgm	an, MI 49106	Compor	ent <u>#_1-OME-3-1</u>	
2.	Plant: <u>D.C.Cook Nuclear</u>	Power Plant	Job Or	ler <u>#_C0045848-(</u>	<u>)6</u>
	P.O. Box 60 Fort Wayne	<u>IN 46801</u>	Unit#	1	
1.	Owner: <u>AMERICAN EI</u>	LECTRIC POWEI	A Date_P	erformed <u>:09-22-0</u>	0_

AISI designation:	Manufacture	M&E# ASP# P.O.#	Or Replaced	Code Stamped Yes/No
ER-70S2 3/32"	N/A	VENDOR SUPPLIED	REPAIRED	NO
ER-70S2 1/8"	N/A	VENDOR SUPPLIED	REPAIRED	NO
ER-70S2 .035	N/A	VENDOR SUPPLIED	REPAIRED	NO
ER-70S6 .035	N/A	VENDOR SUPPLIED	REPAIRED	NO
ER-70S6 .045	N/A	VENDOR SUPPLIED	REPAIRED	NO
	ER-70S2 3/32" ER-70S2 1/8" ER-70S2 .035 ER-70S6 .035	ER-70S2 3/32" N/A ER-70S2 1/8" N/A ER-70S2 .035 N/A ER-70S6 .035 N/A	ASP# ASP# P.O.#	ASP# P.O.#ASP# P.O.#ReplacedER-70S2 3/32"N/AVENDOR SUPPLIEDREPAIREDER-70S2 1/8"N/AVENDOR SUPPLIEDREPAIREDER-70S2 .035N/AVENDOR SUPPLIEDREPAIREDER-70S6 .035N/AVENDOR SUPPLIEDREPAIRED

7. Hydrostatic <u>N/A</u> <u>Pneumatic N/A Nominal Operating Pressure VT-2</u>

NDE:VT,MT,RT,UT Pressure: psi Test Temperature F.

Description of work: Manage contractor for welding on steam gen. #1.

151-563

2

Job Order/File:<u>C0045848-06</u>

CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this <u>repair and/or</u>

ISI Class

replacement conforms to the rules of the ASME Code, Section XI repair or r	eplacement.
Type Code Symbol Stamp <i>NH</i>	
Certificate of Authorization No. 1/4 Expiration Date 1/A	
Certificate of Authorization No. <u>NA</u> Expiration Date <u>MA</u> Signed: <u>Dewayne Timmons, welding supervisor</u>	Date 2-23-01
Owner or Owner's Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period $\frac{\frac{2}{27/9.2}}{10}$ to $\frac{2-2-01}{2-2-01}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

<u>Ma Matanaugh</u> Commissions Inspector's Signature	Mich 0055, End NZT National Board, State, Province, Endorsements	
Date: March 2	19 2001	

2.

152 - 563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner:	AMERICAI	N ELECTRIC PO	JWER

P.O. Box 60 Fort Wayne IN 46801

Date Performed: 09-26-00

Job Order<u># C0045848-30</u>

Component# 1-OME-3-1

Unit# 1

One Cook Place, Bridgman, MI 49106

Plant: D.C.Cook Nuclear Power Plant

- Work Performed by: Welding Services Inc./AEP Maint. 3.
- Identification of System: STEAM GENERATOR 4.
- (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A <u>5.</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

Identification of Components Repaired or Replaced and Replacement Components 6.

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-OME-3-1						
WELDING	ER 70S-6	N/A	TEMP# 00-20319	N/A	REPAIRED	NO
WIRE(.045)			ASP# 24018			
O.D. Build Up			PO# A- 7721			
WELDING	ER 70S-6	N/A	TEMP# 00-20320	N/A	REPAIRED	NO
WIRE(.035)			ASP# 24018			
O.D. Build Up			PO# A-7721			
		,				
					· .	

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7. Hydrostatic NA Pneumatic NA Nominal Operating Pressure N/A NDE: MT; UT; RT

Pressure: psi Test Temperature F.

Description of Work: The O.D. of spool was Built Up by welding . A VT prior to weld

and final MT, UT &RT were preformed under JO C45848-06.

Job Order/File: C0045848-30 ISI CLASS 2

CERTIFICATE OF COMPLIANCE						
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.						
Type Code Symbol Stamp						
Certificate of Authorization No. <u>MA</u> Expiration Date <u>MA</u>						
Signed: Dewayne Timmons Maint. Welding Supervisor Date Z-15-01						
Owner or Owner's Designee, Title						

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{9 \cdot 18 - 00}{10}$ to $\frac{02 - 15 \cdot 01}{10}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MA Minterspenceh Commissions	
Inspector's Signature	National Board, State, Province, Endorsements
Data: The A	10 2001
Date: <u>Feb 15</u>	

2.

154- 563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:12-01-98
----	--------------------------------	-------------------------

P.O. Box 60 Fort Wayne IN 46801

Unit# 1

Plant: D.C.Cook Nuclear Power PlantJob Order#_C0045855-01One Cook Place, Bridgman, MI 49106Component#_1-CTS-103E

3. Work Performed by: <u>AEP/D.C. COOK Maintenance Department</u>

4. Identification of System: CONTAINMENT SPRAY PUMP PP-9E DISCHARGE CHECK VLV.

5. (a) Applicable Construction Code: <u>ANSI-B31.1-1983 ED</u> NO Add., Code Case:<u>N-416-1</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component 1-CTS-103E	ASME,ASTM or AISI designation:	Name of Manufacture '	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced REPLACED	ASME Code Stamped Yes/No NO
10" CHECK VALVE	ASME SA-351 GR. CF8M	CRANE	TEMP. M&E # 00-008475 ASP # 20696	N/A	REPLACED	NO
COVER STUDS	ASTM A-193-95 GR B-7	N/A	TEMP.M&E # 00-008475 ASP # 20696	N/A	REPLACED	NO
COVER NUTS	ASTM A194-95 GR 2-H	N/A	TEMP.& # 00-008475 ASP # 20696	N/A	REPLACED	NO

 7.
 Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure YES

 NDE:
 VT-2,MT,PT,RT Pressure: psi N/A Test Temperature F.

Description of work: Remove existing check valve, replace with new check valve by welding.

A VT-2 was performed.

CERTIFICA	TE OF CON	IPLIANCE	
We certify that the statements made placement conforms to the rules of the	e in the report ne ASME Co	t are correct and thi de, Section XI repa	s <u>repair and/or</u> iir or replacement.
Type Code Symbol Stamp	NA		
Certificate of Authorization No.			NA
med: Dewayne Timmons, weldin			Date_3-2-0/
	Owner's Design	nee. Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period $\underbrace{\Im_{-1} \otimes \widehat{\Im_{-1}}}_{\text{Section}}$ to $\underbrace{\Im_{-2} \otimes \widehat{\Im_{-1}}}_{\text{Section}}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MA Muterspace Commissions	
Inspector's Signature	National Board, State, Province, Endorsements
	1912001
Date: Maizch 2	

156-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1. Owner: <u>AMERICAN ELECTRIC POWER</u>

P.O. Box 60 Fort Wayne IN 46801

2. Plant: D.C.Cook Nuclear Power Plant

One Cook Place, Bridgman, MI 49106

Job Order# C0045855-07

Unit# 1

Date_Performed: 12-01-98

Component#_1-CTS-103E

- 3. Work Performed by: AEP/D.C. COOK Maintenance Department
- 4. Identification of System: <u>CONTAINMENT SPRAY</u>
- 5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stampe d Yes/No
1-CTS-103E	N/A	N/A	EXISTING	N/A	REPAIRED	NO

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Page 2 of 2

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7. Hydrostatic <u>NA</u>	Pneumatic NA	Nomial Operating Pressure: NDE: PT
Pressure: psi	Test Temperature	<u>F.</u>
Description of Wo	ork:The bonnet was r	nachined and a PT test was performed.
Job Order/File <u>: (</u>	20045855-07	ISI CLASS 2
C	CERTIFICATE OF	COMPLIANCE
We certify that the stat replacement conforms to	tements made in the r the rules of the ASM	eport are correct and this <u>repair and/or</u> E Code, Section XI repair or replacement.
Type Code Symbol	StampNA	
Certificate of Author	rization No. NA	Expiration Date 1/4
Signed: Dewayne	Timpions Maint. We Owner or Owner's I	Juing Superviser Dute
		NUCE INCRECTION
		RVICE INSPECTION
Pressure Vessel Inspectors FMIC OF JOHNSTON RI have inspected the com <u>JI-30-98</u> to <u>01</u> belief, the Owner has per in this Owner's Repo	and the State or Provident inponents described in $-03 \cdot 01$, and surface of the state of the s	issued by the National Board of Boiler vidence of Michigan and employed by a this Owner's Report during the period tate that to the best of my knowledge and s and taken corrective measures described the requirements of the ASME Code,
warranty, expressed or im described in this Owner's shall be liable in any man-	plied, concerning the Report. Furthermoner for any personal inspected with this inspect	examinations and corrective measures re, neither the Inspector nor his employer injury or property damage or of loss of any ction.
Inspector's Signatur	e Commissions	National Board, State, Province, Endorsements
	: JAN 3	19 2001

158-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_10-11-00
	<u>P.O. Box 60 Fort Wayne IN 46801</u>	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0045980-02</u>
	One Cook Place, Bridgman, MI 49106	Component# <u>1-RC-102-L1</u>
3.	Work Performed by: AEP/D.C. COOK Maintenance Departr	nent

- 4. Identification of System: <u>REACTOR COOLANT</u>
- 5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-RC-102-L1			-			
CLAMP BOLT	ASME# SA-193 GR-B8M	N/A	M&E# 30-035246 ASP# 14046	N/A	REPLACED	NO
·						

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure VT-2 NDE:

Pressure: psi Test Temperature F.

Page 2 of 2

159 - 563

Description of Work: The valve was repacked and new clamp bolts were used in

repair.QC did a VT-2 exam also.

Job Order/File: C0045980-02 ISI CLASS

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA	
Certificate of Authorization N	9./ <u>NA</u> Expirati	on Date NA
Certificate of Authorization N Signed: Dewayne Tynmons	Maint. Welding Supervise	or Date <u>1-10-01</u>
Owner	or Owner's Designee, Title	

1

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{7/25/00}{10}$ to $\frac{1-11-01}{100}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

<u>Mix Materspang</u> Commissions <u>Mark 0055</u>, <u>ENDN</u> <u>T</u> Inspector's Signature National Board, State, Province, Endorsements Date: Jan 11 19 2001

160-563

Component# 1-CS-308S

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 10-10-98
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0046046-01</u>

One Cook Place, Bridgman, MI 49106

3. Work Performed by: AEP/D.C. COOK Maintenance Department

- 4. Identification of System: <u>CHARGING (CVCS)</u>
- 5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, <u>1983 Ed.</u> <u>NO Add.</u>, Code Case: <u>N/A</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1	-CS-308S						
	s						
5	STEM ASSY	SA-479	N/A	M&E# 30-035574 ASP# 13303	N/A	REPLACED	NO
	BONNET CONVAL	SA 479 XM-19H	N/A	M&E# 30-035414 ASP# 15932	N/A	REPLACED	N0
				· · · · · · · · · · · · · · · · · · ·			

7. Hydrostatic NA Pneumatic NA Nominal Operating Pressure N/A NDE: VT-2

Pressure: psi Test Temperature F.

161-563

Description of Work: The valve was repaired using a new stem assembly and bonnet

conval. A VT-2 was also preformed.

Job Order/File: C0046046-01 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> replacement conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA
Certificate of Authorization No	NA Expiration Date NA
Signed: Dewayne Timmons Ma	aint. Welding Supervisor Date 2-16-01
Owner or O	Dwner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $3 \cdot 28 - 92$ to $02 - 19 \cdot 01$, and state that to the best of my knowledge and

belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

Section XI

ma materipuest Commissions	Michooss, ENDNET
Inspector's Signature	National Board, State, Province, Endorsements
Date: Freb 19	18 2001

162 - 563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_07-27-00
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0046088-01</u>
	One Cook Place, Bridgman, MI 49106	Component# <u>1-RH-128E</u>
3.	Work Performed by: AEP/D.C. COOK Maintenance Departr	nent
4.	Identification of System: <u>RESIDUAL HEAT REMOVAL</u>	
<u>5.</u>	(a) Applicable Construction Code: ANSI B31.1, 1983 Ed.	NO_Add., Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-RH-128E						
YOKE	ASTM# A-216	ANCHOR	M&E# 30-033964	N/A	REPLACED	NO
	WCB	DARLING	ASP# 18267			
	4 					
					-	
		-				

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE:

Pressure: psi Test Temperature F.

. . . .

Description of Work: The valve was repaired using a new yoke and gasket.

Job Order/File: C0046088-01 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> replacement conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA	· · · · · · · · · · · · · · · · · · ·
Certificate of Authorization	No. NA Expiration	Date <u>NA</u>
	Maint. Welding Supervisor r or Owner's Designee, Title	Date /-16-01
Uwite	i of Owner's Designee, The	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{z-17-00}{100}$ to $\frac{1-23-3}{100}$, and state that to the best of my knowledge and

belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

Section XI

Inspector's Signature	Mi-h 0055. EN SNGT National Board, State, Province, Endorsements
Date: Jan 23	18 200 i
Date. <u>Jan 25</u>	

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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

NIS-2-285-99

\sim										
1. Owner AMER	RICAN ELECTRIC	C POWER	COMPANY	Date _	12/3:	1/99				
		me			1	of 2				
P.O. Box	60 Fort Wayne	e, IN 4	6801	Sheet	1	_or2				
	Addr		יייזא א זכו	IInit	# 1	l				
2. Plant <u>D.C.</u>	COOK NUCLEAN									
One Cook	Place, Bridge		49106		C46501	- 04				
Une cook	Addr			Repair	Org. P.(D. No., Job	No., etc			
3. Work Perfor	3. Work Performed by Installation Services Type Code Symbol Stamp N/A									
Name Authorization No. N/A										
Same as #2 Expiration Date N/A										
Address										
4. Identificat	ion of System	Contair	iment Pe	enetrations						
5. (a) Applicab	le Const. Code	ANSI B3	<u>1.1</u> 19_	83Ed., 1	N/A Add	I. <u>N/A</u>	_Code Case			
(b) Applicab	le Edition of S	ection XI	Utilized	for Repairs	or Repla	acements 19	89			
6. Identificat	ion of Componen	ts Repaire	ed or Rep	laced and Re	placement	Repaired				
-	·			Other		Replaced	Code			
Name of	Name of	Manuf.	Nat.			or	Stamped			
Component	Manufacturer	Serial	Board	Identi-	Year Built	Replace-	(Yes			
		No.	No.	Fication		ment	or No)			
1-CPN-83	PO#	ASP#	N/A	SA182 F316	N/A	Replace- ment	N/A			
Blind Flange	66460-040-8X	20800		F310		lillene				
and Weld ck										
sembly										
<u> </u>										
			l			<u> </u>				
							<u> </u>			
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			<u> </u>							
			1							
		+	1							
		1								
L		-1					-]-]			
7. Descriptio	on of work In	stall new	weld ne	ck flange and	1 hinged	cover assem	no y ta			

Containment Side of 1-CPN-83 by Welding

.

Te	Test Conducted:	Hydrostat	ic 🗌	Pneumatic [Pneumatic Nominal		Operating Pressure			
		N/A	Other	X B&C Pressure	N/A psi	Test Temp.	<u>N/A</u> [°] F			

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in.. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

165-563

NIS-2-285-99

FORM NIS-2 (Back)

9. Remarks Fit Up and Final VT; Final PT and RT Acceptable Applicable Manufacturer's Data Reports to be attached

Ref. JO: C46501-04 Design Change 1-DCP-302

Repair/Replacement Plan: C46501-04 ISI Class: MC

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. Repair or replacement
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Conrad V Reid</u> , <u>Senior Planner</u> Date <u>12</u> 07, 20 <u>00</u> Owner or Owner's Designee, Title
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 <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of <u>Johnston, R.I. 02919</u> Have inspected the components described in this Owner's Report during the period $\frac{12-22-93}{10}$ to $\frac{1-2-91}{10}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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. Mational Board, State, Province, Endorsements National Board, State, Province, Endorsements
Date $f_{\alpha 0} = 20 \sigma ($

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166-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

NIS-2-418-00

1. Owner AMER	ICAN ELECTRIC		COMPANY	Date _	Sep. 6,	00				
D O Dorr	Name		6801	Sheet	1	of 2				
P.0. BOX	60 Fort Wayne Addr	\sim , IN $=$	0001							
2. Plant D.C.	COOK NUCLEAF		PLANT	Unit	1					
	Name		10105							
<u>One Cook</u>	Place, Bridgm	nan, Ml	49106		5501-05	No Joh I	No etc			
One cook fidec, bildgman, ing provides Repair Org. P.O. No., Job No., etc Address Repair Org. P.O. No., Job No., etc Work Performed by Installation Services Type Code Symbol Stamp N/A										
Same a	as #2	ess		Expira	tion Dat	e <u>N/A</u>				
	Adar	ESS	ייזאיק דאיזאיק	סיזיים א ידי ד האנפ	7	SME CODE	CLASS 2			
4. Identificat	ion of System C	ONTAINME	1 1 10	O2H4 1			Code Case			
5. (a) Applicab	le Const. Code	ANSI B3	<u>1.1</u> 19	<u>83</u> Ea., <u> </u>	V/A Add	n/A				
(b) Applicab	le Edition of S	ection XI	Utilizec	i for Repairs	or Repla	Components	s			
. Identificat	ion of Component	ts Repaire	a or ker			Repaired	ASME			
				Other		Replaced	Code			
Name of	Name of	Manuf.	Nat.			or	Stamped			
Component	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes			
		No.	No.	Fication	Built	ment	or No)			
10" RF. WN.	M&E #	ASP #	N/A	SA-182	N/A	Replace-	No			
N.P.S., CL	00-009144	20800		F316		ment				
50 W/ 9.75										
D			37/3	SA-182	N/A	Replace-	No			
BLIND FLANGE	M&E #	ASP #	N/A	F316	MA	ment	no			
10" N.P.S.,	00-009144	20800		FSTO						
R.F. CL 150										
				ļ						
		<u> </u>	1	1						
		<u> </u>	 							
			<u> </u>							
		<u> </u>			<u> </u>					
		<u>}</u>	<u> </u>				+			
	<u> </u>	l	<u> </u>	L	l	L				
. Descriptio	n of work. Ins	tall weld	neck fla	ange to the c	ontainme	nt side of	CPN-83 as p			

1-DCP-0302.

1

3	Test Conducted:	Hydrosta	tic 🗍	Pneuma	tic 🗌	Nomina	l Oper	cating	Pressu	.re 🗌	
0.		N/A	Other B	s c 🛛	Pressure	N/A	_psi	Test	Temp	N/A	0 [2.7

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

167-563

NIS-2-418-00

FORM NIS-2 (Back)

Remarks VT at Fit Up and Final, Final PT and RT 9. Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C46501-05 Design Change 1-DCP-0302

Repair / Replacement Plan C46501-05 ISI Class MC

CERTIFICATE OF	COMPLIANCE
We certify that the statements made in the REPLACEMENT conforms to the rule Repair or replacement	the report are correct and this es of the ASME Code, Section XI.
Type Code Symbol Stamp <u>N/A</u>	
Certificate of Authorization No. N/A	Expiration Date N/A
Signed <u>Conrad V Reid</u> , <u>Senior Planner</u> Owner or Owner's Designee, Title	Date 12/14, 2000

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 <u>Michigan</u> and employed
by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919
Have inspected the components described in this Owner's Report during the period
and state that to the best of my knowledge
and belief, the Owner has performed examinations and taken corrective measures
described in this Owner's Report in accordance with the requirements of the ASME
Code, Section XI.

Inspector's Signature Commissions ALL 3055 ENJ VIJ Date Jav 7 20 01

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS 168-563 As Required by the Provisions of the LOWE

NIS-2-411-00

\sim					_		
L. Owner AMER	RICAN ELECTRIC		COMPANY	Date _	Novembe	er 17, 200)0
	Name		C0.01		1	of2	
<u>P.O. Box</u>	60 Fort Wayne	e, IN 4	6801	Sneet	<u>⊥</u>	_01	
	Addr			TTo it	1		
. Plant <u>D.C.</u>	COOK NUCLEAR	C POWER	PLIANI		<u>~</u>		
Ome Coole	Place, Bridgn	nan MT	49106	C40	659-04		
One COOK	Addres	ss	19200	Repair	Org. P.O	. No., Job	No., etc
. Work Perfo	rmed by Instal		Services		ode Symb	ol Stamp _]	N/A
. NOIR ICILO				Author	ization	No. N/A	
Same	as #2	Name		Expira	ation Dat	e N/A	
	Addr.	ess					
. Identificat	ion of System	Componei	NE COOL	ing Water	ASI	ME CODE CI	LASS 2
(a) Applicat	ole Const. Code	ANSI B3	1.1 19	83Ed., 1	N/A Add	1. N/A	_coue cas
(h) Annlicah	le Edition of S	ection XI	Utilized	i for Repairs	or kepi	acements 19	69
. Identificat	ion of Component	ts Repair	ed or Rep	placed and Re	placemen	t Component	S
	1			1		Repaired	ASME
Name of	Norma of	Manuf.	Nat.	Other		Replaced or	Code Stamped
Component	Name of Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes
00p	Manufaccurer	No.	No.	Fication	Built	ment	or No)
ORIFICE	M&E #	ASP #	N/A	SA 240	N/A	Replace-	NO
PLATE	00-8456	20701		T304		ment	
ATL-THREAD	M&E #	ASP #	N/A	SA-193	N/A	Replace-	No
) 3/4 IN	30-211620	20601		GR B7		ment	
rd UNC					17/7	Replace-	No
NUT 3/4 IN	M&E #	ASP #	N/A	SA-194 GR 2H	N/A	ment	INO
10 UNC	30-211890	15684	ļ	GR ZH	ļ		
		<u> </u>	<u> </u>				
						<u> </u>	
	<u> </u>		<u> </u>				
			1			+	
	1	L	1	1	L	1	<u> </u>
Decarintic	on of work. Rep	lace flow	orifice	1-CFI-427			
. Descriptio	m of workt <u>Rep</u>						
. Test Conduc	cted: Hydrostat	ic 🗌	Pneumat	cic 🗌 Ne	ominal O	perating Pr	essure 🛛
	N/A			ure N/A	psi Te	est Temp.	N/A [°] f

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x ll in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

169-563

NIS-2-411-00

FORM NIS-2 (Back)

9. Remarks

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Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C46659-04 Design Change DCP-231

Repair / Replacement Plan C46659-04 ISI Class 2

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. Repair or replacement
Type Code Symbol Stamp <u>N/A</u> Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed <u>Conrad V Reid</u> , <u>Senior Planner</u> Date <u>November 17</u> , 20 <u>00</u> Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission is the value of the National Board of And Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and the by <u>FACTORY MUTUAL INSURANCE Co.</u> of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period $\frac{10-21-32}{10-21-32}$, and state that to the best of my known and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the And Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his employer of his Employer shall be liable in any manner for any personal injury or property data a loss of any kind arising from or connected with this inspection.	employed Lod owledge SME Y asures
<u>ARMANDER Commissions Michorss, GNA NEE</u> Inspector's Signature National Board, State, Province, Endo Date <u>December 15</u> 20 00	rsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS 170-563

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As Required by the Provisions of the ASME Code Section XI

NIS-2-410-00

1. Owner AME	RICAN ELECTRI	C POWER	COMPANY	Date	Novemb	er 17, 20	00
P.O. Box	Name 60 Fort Wayne	e. TN 4	6801	Sheet	1	of 2	
<u></u>	Addr						
2. Plant D.C.	COOK NUCLEAL	R POWER	PLANT	Unit _	12		<u></u>
One Cook	Place, Bridg		49106	C4	6689-01		
one cook	Addre		19100			. No., Job	No., etc
3. Work Perfo	rmed by Instal		ervices			ol Stamp	
		Name				No. N/A	
Same	as #2	Intallie				= N/A	
	Addr	ess		· · ·			
4. Identificat	ion of System	Componer	nt Cool:	ing Water	ASI	ME CODE CI	LASS 2
5. (a) Applicat	le Const. Code	ANSI B3	1.1 19	83Ed., 1	N/A Add	1. N/A	Code Case
(b) Applicab	le Edition of S	ection XI	Utilized	l for Repairs	or Repl	acements 19	89
6. Identificat	ion of Component	ts Repaire	ed or Rep	laced and Re	placemen	t Component	
-	,			Other		Repaired	ASME
Name of	Name of	Manuf.	Nat.	Other		Replaced or	Code Stamped
Component	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes
		No.	No.	Fication	Built	ment	or No)
ORIFICE	M&E #	ASP #	N/A	SA-240	N/A	Replace-	No
PLATE	00-8457	20701		T304		ment	
ALL-THREAD	M&E #	ASP #	N/A	SA-193	N/A	Replace-	No
`OD 3/4 IN	30-211620	20601		GR B7		ment	
0 UNC	No. II	202 #	37 / 3	07.104	N/A	Replace-	No
NUT 3/4 IN 10 UNC	M&E # 30-211890	ASP # 15684	N/A	SA-194 GR 2H	N/A	ment	NO
10 0100	30-211890	72004	ļ				
[<u> </u>				
) }			j				
						<u> </u>	
			1			1	1
<u></u>		L	<u> </u>	<u>د</u>			
7. Descriptio	n of work. <u>Rep</u>	lace flow	orifice	12-CFI-440			
							<u>ت</u>
8. Test Conduc	ted: Hydrostat:	ic 📋	Pneumat		-	erating Pre	
	N/A	Other	Press	ure N/A	psi Te	st Temp. <u>1</u>	<mark>√A °</mark> f
NOTE - Supplement:	al sheets in form of	lists, ske	tches, or a	irawings may be	used, prov	ided (1) size	is 8-1/2 in. :

11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

171-563 Page 2 of 2

NIS-2-410-00

FORM NIS-2 (Back)

Remarks

9

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C46689-01

Design Change DCP-231

Repair / Replacement Plan C46689-01 ISI Class 2

CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct an <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Sect Repair or replacement	d this ion XI.
Type Code Symbol StampN/A Certificate of Authorization NoN/A Expiration Date	N/A
Signed <u>Conrad V Reid, Senior Planner</u> Date <u>November 17</u> Owner or Owner's Designee, Title	, 20 <u>00</u>

CERTIFICATE OF INSERVICE INSPECTION

<u>MA Thropatica</u> Commiss Inspector's Signature	ions Michowster, ENT NET National Board, State, Province, Endorsements
Inspector's Signature	National Board, State, 110,1100, 200010000
Date <u>December 15</u> 20 <u>90</u>	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

P.O. Box 6	CAN ELECTRIC Name		COMPANY	Date	Janua	ry 18, 200	01
Plant D.C.	Addre		5801	Sheet	1	of2	
	COOK NUCLEAR	R POWER P	PLANT	Unit	# 1	•	<u> </u>
One Cook P	lace, Bridgm	an, MI 4	19106			'ab)C47300	
	Addres				-	No., Job N	
Work Perform	ned by <u>Instal</u>		ervices			ol Stamp <u>N</u> 10. N/A	/ A
Same as	a #2	Name			tion Dat		
	S #2 Addro	ess		Expire	CION Dat	<u> </u>	
Identificati	on of System C		ent Spra	y System	ASM	E CODE CL	ASS 2
	- Const Codo	ANGT B3	1 1 10	8354	J/D Ddd	NI/T JUHY 1	Code Care
(b) Applicabl	e Edition of Se	ection XI	Utilized	for Repairs	or Repla	cements 198	9 19 314
Identificati	on of Component	ts Repaire	d or Rep	laced and Re	placement		- 11 1
				Other	•	Repaired Replaced	ASME Code
Name of	Name of	Manuf.	Nat.	· ·		or	Stamped
Component	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes
		No.	No.	Fication	Built	ment	or No)
-PP-9E	Temp M&E#	ASP#	N/A	SA 403	N/A	Replace-	No
0 x 6	00-009357	20843•	N.	Grade		ment	
Reducing Tee			27/2	WP304 SA 403	N/A	Replace-	No
12 x 6 Reducing Tee	Temp M&E# 00-009356	ASP# 20843 ·	N/A	Grade WP316	N/A	ment	NO
" Sch 40	Temp M&E#	ASP#	N/A	SA 312	N/A	Replace-	No
ipe	00-009375	20843,		Grade TP312		ment	
5" 90 Deg	Temp M&E#	ASP#	N/A	SA 403	N/A	Replace-	No
Elbow LR BW	00-009354	20843 •		Grade WP304		ment	
6" 45 Deg	Temp M&E#	ASP#	N/A	SA 403	N/A	Replace- ment	No
Elboe LR BW	00-009355	20843 ·		Grade WP304		mente	
5" 90 Deg	M&E#	ASP#	N/A	SA 403	N/A	Replace-	No
Elbow SR BW	30-017860	16333 *		Grade WP304		ment	
6" Orifice	Temp M&E#	ASP#	N/A	SA 182	N/A	Replace-	No
Flange	00-009349	20843 ·		Grade F304		ment	
3/4" All	M&E#	ASP#	N/A	SA 453	N/A	Replace-	No
Ihread Rod	30-212295	19160		Grade 660	27/2	ment	No
1/2" Round	M&E#	ASP#	N/A	SA 182 Grade	N/A	Replace- ment	No
Head Plaug	30-017304	11461		F304			
3/4" Heavy	M&E#	ASP#	N/A	SA 194	N/A	Replace-	No
Hex Nut	30-212100	20132		Grade 8F		ment	

Other Pressure N/A psi N/A 🗌 NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbe

Pneumatic

44

°F

N/A

Test Temp.

Test Conducted: Hydrostatic

and the number of sheets is recorded at the top of this form.

8.

FORM	NIS-2	(Back)
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Remarks Fit Up and Final VT and Final PT plus RT Applicable Manufacturer's Data Reports to be attached

Ref. JO: C47262-01 & C47300-03 Design Change: 1-DCP-265

Repair/Replacement Plan: C47262-01 & C47300-03 ISI Class: 2

173 - 563

	CERTIFICATE OF COMPLIANCE
REPLACEMENT Repair or replacement	
Type Code Symbol Sta	
Signed Venter Trans	$\frac{1}{10000000000000000000000000000000000$

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 <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period $\frac{12/21/93}{10}$ to $\frac{2-27-0}{10}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

Commissions Mich 0755, ENDNET National Board, State, Province, Endorsements Inspector's Signature 20 01 Date Feb 27

174- 563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_01-24-01
----	--------------------------------	--------------------------

P.O. Box 60 Fort Wayne IN 46801

- Unit# 1
- 2.
 Plant: D.C.Cook Nuclear Power Plant
 Job Order# C0047300-06

 One Cook Place, Bridgman, MI 49106
 Component#_1-PP-9E
- 3. Work Performed by: AEP/D.C. COOK Maintenance Department
- 4. Identification of System<u>CONTAINMENT SPRAY</u>
- 5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., CodeCase: N416-1

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-PP-9E						
6" SCH 40 PIPE	ASME# SA-312	N/A	TEMP# 00-009375	N/A	REPLACED	NO
	GR-304		ASP# 20843			
¾ ALL	ASME# SA-453	N/A	M&E# 30-212295	N/A	REPLACED	NO
THREAD	GR-660		ASP# 19160			
¾ HEAVY HEX	ASME# SA-194	N/A	M&E# 30-212100	N/A	REPLACED	NO
NUT	GR-8F		ASP# 23049			
ORIFICE	ASME# SA-240	N/A	PO# 66708-042-8	N/A	REPLACED	NO
PLATE	TYPE 304		ASP# 20943			
6" GLOBE	ASME# SA-351	N/A	TEMP# 00-010242	N/A	REPLACED	NO
VALVE	GR-CF8M		ASP# 21712			
6" 300# GATE	ASME# SA-351	N/A	TEMP# 00-10241	N/A	REPLACED	NO
VALVĖ	GR-CF8M		ASP# 21685			

175-563

2

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE: PT

Pressure: psi Test Temperature F.

Description of Work: Install east train contaimnent spray full flow test loop

piping in accordance with DCP-265. A PT and RT& a VT-2 exam was done also

Job Order/ File : C0047300-06 ISI CLASS

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> replacement conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp_	NA	
Certificate of Authorization	NoA	Expiration Date <u>MA</u>
Certificate of Authorization Signed: Devayne Timmon	s Maint. Weldi	ng Supervisor Date 2.23.07
Own	er or Owner's Desi	gnee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\underbrace{3 - i 5 - i 2}_{2 - 2 - 2 - 2}$ to $\underbrace{2 - 2 - 2 - 2 - 2}_{2 - 2 - 2 - 2 - 2}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MA Muturpauge Commissions	Mich 0055, ENd NET
Inspector's Signature	National Board, State, Province, Endorsements
U	19
Date: Feb 27	<u>}92001</u>

176 - 563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:09-06-00
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u>#_C0047300-30-33</u>
	One Cook Place, Bridgman, MI 49106	Component# 1-IFI-210_

- 3. Work Performed by: AEP/D.C. COOK Maintenance Department
- 4. Identification of System: <u>CONTAINMENT SPRAY</u>
- 5. (a) Applicable Construction Code: ANSI-B31.1-1983 Ed. NO Add., Code Case: NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Compone	nt	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-IFI-210					-		
ROD 3/4		ASME# SA-453	N/A	M&E# 30-212295	N/A	REPLACED	NO
		GR-660-B		ASP# 19160			
NUT 3/4		ASME# SA-194	N/A	M&E# 30-212100	N/A	REPLACED	NO
		GR-8F		APS# 23049			
ORIFICE	PLATE	ASME# SA-240	N/A	ASP# 20943 ^	N/A	REPLACED	NO
		GR-304					

 7.
 Hydrostatic NA
 Pneumatic
 N/A Nominal Operating Pressure

 NDE:
 Pressure: psi
 Test Temperature
 F.

177-563

Description of work: INSTALLED FLANGES AND ORIFICE PLATE AND ALSO USED NEW STUDS AND NUTS.

Job Order/File C0047300-30-33 ISI Class 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	
Certificate of Authorization No. MA Expiration Date MA	<u> </u>
Certificate of Authorization No. <u>MA</u> Expiration Date <u>MA</u> Signed: <u>Dewayne Pinnmons, welding supervisor</u>	Date 2-28-07
Owner or Owner's Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period $\frac{9-2-00}{2}$ to 3-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

Mr Mutice parish Commissions	Mich 2055, ENd NET	
Inspector's Signature	National Board, State, Province, Endorsements	
0		
Date: March Z	18 2001	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

178-513

ment

ment

Replace-

No

N/A

×*					170		
1. Owner AMER	ICAN ELECTRIC Name	POWER C	COMPANY	Date	January	<u>, 24, 2001</u>	
- PO Box	60 Fort Wayne	TN 4	5801	Sheet	1	of 2	
<u>1.0. DOX</u>	Addre	ess		Dilect			<u></u>
2. Plant D.C.	COOK NUCLEAR		PLANT	Unit	# 1		
	Nai		·				
One Cook	Place, Bridgm	nan, MI 4	19106		7301-03		
	Addre			-	-). No., Job	-
3. Work Perfor	med by Instal	lation S	ervices			ol Stamp <u>N</u>	J/A
		Name		Author	ization 1	No. N/A	
Same a	as #2			Expira	tion Dat	e <u>N/A</u>	
	Addro						
4. Identificat	ion of System	Contair	ment Sr	oray		IE CODE CL	ASS 2
	le Const. Code	B31.1	198	<u>3</u> Ed., <u>N/</u>	A Add.	N416-1	
_Code Case							
	le Edition of Se ion of Component						
6. Identificat	Ion of Componen	ls Repaire		laced and Re		Repaired	ASME
				Other		Replaced	Code
Name of	Name of	Manuf.	Nat.			or	Stamped
Component	Manufacturer	Serial	Board	Identi-	Year Built	Replace-	(Yes
		No.	No.	Fication		ment	or No)
1-PP-9W	Temp M&E#	ASP#	N/A	SA 312	N/A	Replace-	No
6" Sch 40	00-009375	20843		Grade TP304		ment	
Pipe		1.00					27-
10 x 6 Deducing Wee	Temp M&E#	ASP#	N/A	SA 403 Grade	N/A	Replace- ment	No
Reducing Tee	00-009357	20843 ·		WP304		ment	
$\frac{2 \times 6}{2 \times 6}$	Temp M&E#	ASP#	N/A	SA 403	N/A	Replace-	No
Reducing Tee	00-009356	20843	N/A	Grade		ment	
Sch 40				WP316			
6" 90 Deg	Temp M&E#	ASP#	N/A	SA 403	N/A	Replace-	No
Elbow LR BW	00-009354	20843		Grade		ment	
				WP304			
6" 45 Deg	Temp M&E#	ASP#	N/A	SA 403	N/A	Replace-	No
Elbow LR BW	00-009355	20843		Grade		ment	
		2004	N/A	WP304	N/A	Replace-	No
6" Orifice	Temp M&E#	ASP# 20843~	N/A	SA 182 Grade	N/A	ment	NO
Flange RF	00-009349	20043~		F304			
3/4 All	M&E#	ASP#	N/A	SA 453	N/A	Replace-	No

7. Description of work <u>Install West Train Containment Spray Full Flow Test Loop Piping In</u> accordance with 1-DCP-265

Grade 660

SA 194

Grade 8F

8.	Test Conducted:	Hydrostat	ic 🗌	Pneumatic		Nominal	Operating	Pressure 🗵]
		N/A 🗌	Other	Pressure	N/A	psi	Test Temp.	N/A [°] f	

N/A

Thread Rod

3/4 Heavy

Hex Nut

30-212295

30-212100

M&E#

19160 .

ASP#

20132

** TE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 , (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

/	79-	563
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FORM NIS-2 (Back)

RemarksFit Up and Final VT Plus PT and RTVT-2Applicable Manufacturer's Data Reports to be attached

Ref. JO: C47301-03 Design Change: 1-DCP-265

Repair/Replacement Plan: C47301-03 ISI Class 2

	CERTIFICATE OF COMPLIANCE
REPLACEMEN Repair or ro	
Certificate	of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed July	Walfre Jemms We Mindows MANNY Super Welding Date 2-26-, 20_01 her or Owner's Designee, Title

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 Michigan and employed
by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919
Have inspected the components described in this Owner's Report during the period
12-21-98 to $2-36-01$, and state that to the best of my knowledge
and belief, the Owner has performed examinations and taken corrective measures
described in this Owner's Report in accordance with the requirements of the ASME
Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any
Warranty, expressed or implied, concerning the examinations and corrective measures

Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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.

Commissions Mich 0055, ENGNET National Board, State, Province, Endorsements auf! Inspector's Signatyre

Date Feb 26 20 01

180-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

Owner: AMERICAN ELECTRIC POWER 1. Unit#1

Date Performed: 08-30-00

P.O. Box 60 Fort Wayne IN 46801

Plant: D.C.Cook Nuclear Power Plant 2.

Component# 1-PP-9W

Job Order<u># C0047301-06</u>

- One Cook Place, Bridgman, MI 49106
- Work Performed by: AEP/D.C. COOK Maintenance Department 3.
- Identification of System: CONTAINMENT SPRAY 4.
- (a) Applicable Construction Code: <u>ANSI-B31.1-1983 Ed.</u> NO Add., Code Case:<u>N416-1</u> <u>5.</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

Identification of Components Repaired or Replaced and Replacement Components 6.

[Name of Component 1-PP-9W	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No NO
	6" VALVE GATE 300LB S.S.	ASME# SA-351 CF8M	CANE	TEMP# 00-10241 ASP # 21685	N/A	REPLACED	NO
	6" VALVE GLOBE 300LB S.S.	SA 351 Grade CF8M		TEMP # 00-10242 ASP # 21712	N/A	REPLACED	NO

			man 3/14/01
7.	Hydrostatic_N/A	Pneumatic N/A Nominal Operating Pressure N/A	VT-2 UNDER ACTIVITY 3
	NDE: FITUP/PT/RT	Pressure: psi N/A Test Temperature	F. Ret 3/14/2001

Description of work: Install Full Flow test Loop Valves per drw. 1-cts-1

Job Order/File: C0047301-06

ISI Class 2

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement conforms</u> to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol Stamp <u><u>M</u>/1</u>
Certificate of Authorization No. MA Expiration Date MA
Signed: Dewayne/Timmons, welding supervisor Date 2 - / 2 - 07
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 3 - 15 - 00 to 02 - 20 - 01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

MA Matuspaug Commissions	Mich 0055, ENd NST	
Inspector's Signature	National Board, State, Province, Endorsements	
	m	,
Date: Feb 20	18 2001	

182-563

As Required by the Provisions for the ASME Code Section XI Date Performed: 12-07-98 Owner: AMERICAN ELECTRIC POWER 1. Unit# 1 P.O. Box 60 Fort Wayne IN 46801 Job Order# C0047342-01 Plant: D.C.Cook Nuclear Power Plant 2. Component# 1-QRV-251 One Cook Place, Bridgman, MI 49106 Work Performed by: AEP/D.C. COOK Maintenance Department 3. Identification of System: <u>CHARGING (CVCS)</u> 4. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: <u>5.</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda Identification of Components Repaired or Replaced and Replacement Components 6.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stampe d Yes/No
1-QRV-251						
NUT	ASME# SA-194	N/A	M&E# 30-211860	N/A	REPLACED	NO
	Gr 2H		ASP# 15684			
ROD	ASME# SA-193	N/A	M&E# 30-211590	N/A	REPLACED	NO
	Gr B7		ASP# 20751			
TRIM ASSY	ASTM# 276	COPES	M&E# 30-036160	N/A	REPLACED	NO
	TP# 316		ASP# 11159			

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure: NDE:

Pressure: psi Test Temperature F.

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183 - 563

Description of Work: The valve was repaired using a new trim assembly, studs

and nuts

۰.

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Job Order/File: C0047342-01 ISI CLASS: 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA	
Certificate of Authorization No.	NA Expiration	Date 11A
Certificate of Authorization No.	aint. Welding Supervisor	Date <u>/- 02-01</u>
Owner or (Owner's Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period <u>2-01-93</u> to <u>01-03-01</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Inspector's Signature Commissions Mach 2055 END NET Inspector's Signature/ 19 2001 Date: Jav 03

Page 2 of 3

184-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:10-06-00
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u>#_C0047437-05</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-NFA-220-OR
3.	Work Performed by: AEP/D.C. COOK Maintenance Departm	nent
4.	Identification of System: REACTOR COOLANT	······································
<u>5.</u>	(a) Applicable Construction Code: ANSI-B31.1-1983 Ed.	NO_Add., Code Case:_NA
	(b) Applicable Edition of Section XI Utilized for Repairs or I	Replacements <u>: 1989, No Addenda</u>

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
THEADED	ASTM A453	NA	M&E 30-030001 ASP 12987	NA	REPLACED	NO
ROD NUTS	GR 660 ASME SA 194	NA	ASP 12987 M&E 30-212140 ASP 19074	NA	REPLACED	NO
	GR 8F HEAVY		ASF 19074			·

 7.
 Hydrostatic NA
 Pneumatic
 N/A Nominal Operating Pressure

 NDE:
 NA
 Pressure: psi
 Test Temperature

F.

Description of work: INSTALLED NEW BOLTING

185-563

Job Order/File: C0047437-05

ISI Class 1

CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>repair an</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replace Type Code Symbol Stamp	
Certificate of Authorization No. <u>MA</u> Expiration Date <u>MA</u>	-
SignedDewayne Timmons, weiding supervisorDa	te <u>2-2-01</u>
Owner or Owner's Designee. Title	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period $\frac{12-14-93}{10}$ to $\frac{2-19-93}{10}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

ma minterspace	Commissions	Mach 0055, End NEI	
Inspector's Signature	_	National Board, State, Province, Endorsements	
U		m	1
Date: Feb	17	19 2001	
		·	l

Page 1 of 2

186-563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 09-13-00
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0047445-02</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-QRV-200
- 3.	Work Performed by: AEP/D.C. COOK Maintenance Departr	nent
4.	Identification of System: <u>CHARGING (CVCS)</u>	
<u>5.</u>	(a) Applicable Construction Code: <u>ANSI B31.1, 1983 Ed.</u>	NO Add., Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

ASTM# A-276					
ASTM# A-276					
	MASONEILAN	M&E# 30-042035	N/A	REPLACED	NO
TP-316 ASTM# A-376	MASONEILAN	ASP# 24452 M&E# 30-042205	N/A	REPLACED	NO
TP-316		ASP# 13648			
ASTM# A-479	MASONILAN	M&E# 30-042248	N/A	REPLACED	NO
TP-316		ASP# 24613			
	ASTM# A-479	ASTM# A-479 MASONILAN	ASTM# A-479 MASONILAN M&E# 30-042248	ASTM# A-479 MASONILAN M&E# 30-042248 N/A	ASTM# A-479 MASONILAN M&E# 30-042248 N/A REPLACED

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE:

Pressure: psi Test Temperature F.

187-563

Description of Work: The valve was repaired using a new stem, seat ring and plug.

Job Order/File: C0047445-02 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA	
Certificate of Authorization No	NA	Expiration Date <u>NA</u>
Signed: Dewayne Timmons Mai	int. Weld	Expiration Date <u>NA</u> ling Supervisor Date <u>17-13-0</u> 0
Owner or O	wner's Des	signee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{12-14-36}{16}$ to $\frac{12-14-36}{16}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Kild alishig john of connegica with the pro-	
ma Muterspace Commissions	Mich 0355, End NEF
Inspector's Signature	National Board, State, Province, Endorsements
<i>U</i>	mert
Date: December 14	19 2000
	/

Page 1 of 2

188 - 563

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed:_02-26-99
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0047607-03</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-AFW-S4027
3.	Work Performed by: AEP/D.C. COOK Maintenance Depart	ment
4.	Identification of System: <u>Feedwater</u>	1

5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, <u>1983 Ed.</u> NO Add., Code Case: <u>N/A</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
-	1-AFW-S4027						
	EYE BOLT	SA 36	GRINNELL	TEMP# 00-009920 ASP# 21029 PO# NUO4-0000000060	N/A	REPLACED	NO
			- H ender				

7. Hydrostatic NA Pneumatic NA Nominal Operating Pressure N/A NDE: N/A

Pressure: psi Test Temperature F.

189-563

Description of Work: The snubber was repaired using a new eye bolt. A VT-3 exam was

performed.

Job Order/File: C0047607-03 ISI CLASS 2

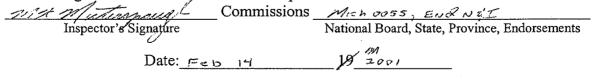
CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period $\frac{12-16-95}{12}$ to $\frac{2-14-51}{12}$, and state that to the best of my knowledge and

belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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



As Required by the Provisions of the ASME Code Section XI 190 - 563

Owner AMEF	RICAN ELECTRIC		COMPANY	Date	Februar	y 14, 200	1
P.O. Box	60 Fort Wayne	Name , IN 46	5801	Sheet	1	of 2	
2. Plant D.C.	Addre COOK NUCLEAR		PLANT	Unit	# 1		
One Cook	Nan Place, Bridgm		19106		7767-01		
	Addre			-		D. No., Job	
3. Work Perfo	rmed by <u>Instal</u>	lation Se	ervices		_	ol Stamp <u>N</u>	I/A
		Name			ization 1		
Same	as #2	<u> </u>		Expira	tion Dat	e <u>N/A</u>	
	Addre		,	······································	0		
	ion of System L						
5. (a) Applical	ole Const. Code	ASME III		6Ed., N/			
(b) Applical	ole Edition of So	ection XI	Utilized	for Repairs	or Repla	acements 198	39
6. Identificat	ion of Component	ts Repaire	ed or Rep	laced and Re	placement		
				Other		Repaired Replaced	ASME Code
Name of	Name of	Manuf.	Nat.			or	Stamped
Component	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes
		No.	No.	Fication	Built	ment	or No)
1-TK-84	Temp M&E#	ASP#	N/A	SA- 193	N/A	Replace-	No
Tapered	00-022115	25070		Grade B7		ment	
Studs ½ x							
5/8 x 4-1/4							
Long			ļ				
/8 Hardened	M&E#	ASP#	N/A	F463-93	N/A	Replace- ment	No
sher	30-212690	20515					
5/8 Heavy	M&E#	ASP#	N/A	SA 194 Grade 2H	N/A	Replace- ment	No
Hex Nut	30-211880	23319		Grade 2H			
				}			
							
							ļ
							
		<u> </u>		<u> </u>		L	
		•					
7. Descriptio	on of work <u>Rep</u>	Lace Manwa	ay Cover	BOTTING OU T	-1K-84	<u></u>	

8.	Test Conducted:	Hydrostat	ic 🗍]	Pneumatic		Nominal	Opera	ating	Pressure	
		N/A 🗵	Other		Pressure	N/A	psi	Test	Temp.	N/A	F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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	FORM NIS-2 (Back)
Remarks _	Applicable Manufacturer's Data Reports to be attached
-	Ref. JO: C47767-01 Design Change: N/A
	Repair/Replacement Plan: C47767-01 ISI Class 2
REPLACEN Repair of	CERTIFICATE OF COMPLIANCE tify that the statements made in the report are correct and this Conforms to the rules of the ASME Code, Section XI. replacement Symbol Stamp N/A
	Durayne Chines Date 2-15-, 20_01
Signed []	While The Marker Marker Super Welding Date 2-15- , 20 01 Owner or Owner's Designee, Title

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 <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of <u>Johnston, R.I. 02919</u> Have inspected the components described in this Owner's Report during the period $\frac{20-31-00}{20}$ to $\frac{2-15-21}{2}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any

By signing this certificate heither the inspector hor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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.

M2 Matersonia	Commission	s Mich a	0055,E	NON	I	Endorsements
<u>MX Materspanel</u> Inspector's Signature		National	Board,	State,	Province,	Endorsements
0						
Date Feb 20	20_01					

Page 2 of 2

191-563

192-563 As Required by the Provisions of the ASME Code Section XI

NIS-2-419-00

1

1. Owner AMER	RICAN ELECTRIC	C POWER	COMPANY	Date _	Novembe	er 17, 200	0
P.O. Box	Name 60 Fort Wayne	e. IN 40	6801	Sheet	1	of 2	
	Addr						
2. Plant D.C.	COOK NUCLEAF		PLANT	Unit _	1		
	Name						
One Cook	Place, Bridge	nan, MI 4	49106		7782-28		
······	Addre					No., Job 1	
. Work Perfo	rmed by Instal	lation S	ervices			ol Stamp <u>1</u>	V/A
		Name				No. N/A	
Same a	as #2			Expira	ation Dat	e <u>N/A</u>	
	Addr						
. Identificat	ion of System A	UXILIARY	FEEDWA	ATER	ASME	CODE CLA	ASS 2
. (a) Applicab	le Const. Code	ANSI B3	1.1 19	83Ed.,]	N/A Add	. <u>N416-1</u>	_Code Case
(b) Applicab	le Edition of Se	ection XI	Utilized	l for Repairs	or Repla	acements 19	69
. Identificat	ion of Component	ts Repaire	ed or Rep	laced and Re	placement	Components	5
	1	[Repaired	ASME
	·			Other		Replaced	Code
Name of	Name of	Manuf.	Nat.	Identi-	Year	or	Stamped
Component	Manufacturer	Serial	Board	Fication	Built	Replace-	(Yes or No)
		No.	No.			ment	NO NO
6"- 900#	M&E #	ASP #	N/A	SA 105	N/A	Replace- ment	NO
NOZZLE CHECK	00-010078	21042				ment	
VALVE							
"NERTECH							
GR Model: ERV-Z-6IN-							
900LB							
	<u> </u>						
			· · · · · · · · · · · · · · · · · · ·				
<u> </u>							[
	<u> </u>	L		[<u> </u>		L
. Descriptic	on of work. Inst	tall valve	e 1-FW-15	9			
. Test Conduc	ted: Hydrostat		Pneumat			erating Prest Temp. N	
	N/A	Other 🗌	Press	ure <u>N/A</u>	psi iei	st temp. T	
						14-4 (1) -1	ia 0 1/2 i-
OTE: Supplement	al sheets in form of	E lists, ske	tches, or (drawings may be	used, prov	idea (1) size	13 0-1/2 IR.

11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

193-563

NIS-2-419-00

FORM NIS-2 (Back)

9. Remarks Fit Up and Final VT; Final MT and RT Acceptable Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C47782-28

Design Change N/A

Repair / Replacement Plan C47782-28 ISI Class 3

CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are conforms to the rules of the ASME Conforms or replacement	prrect and this ode, Section XI.
Type Code Symbol Stamp <u>N/A</u> Certificate of Authorization No. <u>N/A</u> Expiration	n Date <u>N/A</u>
Signed <u>Conrad V Reid</u> , <u>Senior Planner</u> Date <u>November</u> Owner or Owner's Designee, Title	<u> </u>

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 <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of <u>Johnston, R.I. 02919</u> Have inspected the components described in this Owner's Report during the period $\frac{2-23-76}{10}$ to <u>01-02-01</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME
Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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 Michons State, Province, Endorsements
Date 520 20 01

Page 1 of 2

	As R6	equired by the Provision	s for the ASME Code Section XI		
1.	Owner: AMERICAN E	LECTRIC POWE	R Date_Perf	formed: <u>3-18-0</u>)0
	P.O. Box 60 Fort Wayne	IN 46801	Unit# 2		
2.	Plant: <u>D.C.Cook Nuclea</u>	r Power Plant	Job Order	r <u>#_C47908-03</u>	<u></u>
	<u>One Cook Place, Bridgn</u>	<u>nan, MI 49106</u>	Componer	nt <u>#_12-QFI-20</u>	1
3.	Work Performed by <u>: AE</u>	P/D.C. COOK Mai	ntenance Department		
4.	Identification of System	: <u>CHARGING (</u>	CVCS)		
<u>5.</u>	(a) Applicable Construct	ion Code: <u>ANSI B</u>	31.1, 1983 Ed. NO Add	. Code Case:_	<u>N/A</u>
	(b) Applicable Edition o	f Section XI Utilize	d for Repairs or Replacemen	its <u>: 1989, No A</u>	ddenda
6.	Identification of Comp	onents Repaired o	r Replaced and Replaceme	nt Component	ts
me of mponent	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced
QFI-201					
PIPE 4 IN 300	SA-182 GR F-304		M & E 30 022772	N/A	REPLACED

ASP 5703

ASP. 11021

ASP 20820

M & E 30-030002

M & E 30 212142

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

194-563

ASME

Code

NO

NO

NO

REPLACED

REPLACED

N/A

N/A

Stamped Yes/No

7. Hydrostatic <u>Pneumatic</u> <u>Nominal Operating Pressure N/A</u>

NDE: PT FINISHED MACHINED SURFACE / VT-2 FUNCTIONAL

Pressure: psi Test Temperature F.

ASME SA453 GRADE

ASME SA194 GR 8F

660

Description of Work: INSTALLED THE BLANK FLANGE THAT WAS MACHINED IN ACT-14, USING NEW BOLTING TORQUED BOLTING TO CORRECT TIGHTNESS. AFTER WHICH A VT-2 FUNCTIONAL PMT WAS PERFORMED (SAT).

LB FSS RF BLIND

ROD, THREADED

1-1/4 IN 8UN

1-1/4 IN 8 UN

NUTS,

Page 1 of 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

195-563

Component#__

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 03-18-99
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0047908-03</u>

One Cook Place, Bridgman, MI 49106

- 3. Work Performed by: <u>AEP/D.C. COOK Maintenance Department</u>
- 4. Identification of System: <u>CHARGING (CVCS)</u>
- 5. (a) Applicable Construction Code: <u>ANSI B31.1</u>, <u>1983 Ed.</u> <u>NO_Add.</u>, Code Case: (b)

Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
12-QFI-201						
BLIND	ASME# SA-182	N/A	M&E# 30-022772	N/A	REPLACED	NO
FLANGE	GR-F-304		ASP# 538			
NUTS	ASME# SA-194	N/A	M&E# 30-212142	N/A	REPLACED	NO
	GR-8F		ASP# 22229			
ALL THREAD	ASTM# A-453 5 A 4-5 3	N/A	M&E# 30-030002	N/A	REPLACED	NO
	GR-660	-	ASP# 11021			

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE:

Pressure: psi Test Temperature F.

196-563

	Description (of Work:	The new flang	e was machined to	the correct	measurements, and
--	----------------------	----------	---------------	-------------------	-------------	-------------------

new studs and nuts were used in the instillation of the new flange. A VT-2 exam was

also preformed. Reference C47908-14 for the flange material

Job Order/File: C0047908-03-07 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp
Certificate of Authorization No. NA Expiration Date NA
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed: Dewayne Timmons Maint. Welding Supervisor Date <u>[-16-0]</u>
Owner or Owner's Designee, Title

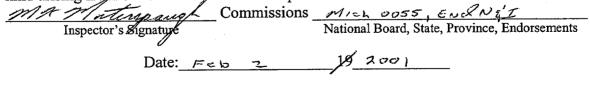
CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period 3-12-99 to 2-2-1, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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



197-563

Page 1 of 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 12-02-99
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0048064-07</u>
	One Cook Place, Bridgman, MI 49106	Component# <u>1-HE-18E</u>
3.	Work Performed by: AEP/D.C. COOK Maintenance Depa	artment
4.	Identification of System: <u>CONTAINMENT SPRAY</u>	
<u>5.</u>	.(a) Applicable Construction Code: ANSI B31.1, 1983 Ec	I. NO Add., Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stampec Yes/No
1-HE-18E						
ROD	ASME# SA-193 Gr B7	N/A	M&E# 30-211640 ASP# 21077	N/A	REPLACED	NO
NUT	ASME# SA-194 GR ZH	N/A	M&E# 30-211910 ASP# 21105	N/A	REPLACED	NO

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE:

Pressure: psi Test Temperature F.

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198-563

Description of Work: The end cover was removed an then installed using new rod and

nuts. QC signed off on all inspections.

Job Order/File: C0048064-07 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> replacement conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	NA	
Certificate of Authorization No	NO	_Expiration Date_ <i>NA</i>
Signed: Dewayne Timphons Ma	aint. Welding	Supervisor Date <u>11-20-00</u>
Owner or C	Owner's Designe	ee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period <u>3+13-33</u> to <u>12-13-90</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Inspector's Signature Commissions <u>Mich 0955 End NET</u> National Board, State, Province, Endorsements Inspector's Signature Date: December 13 19 2010

199-563 As Required by the Provisions of the ASME Code Section XI

NIS-2-417-00

`					Norrombo	er 18, 200	0	
1. Owner AMER	ICAN ELECTRIC		COMPANY	Date	MOVEIIME	<u> </u>	<u> </u>	
	Name		C001	Sheet	1	of 2		
<u>P.O. Box</u>	60 Fort Wayne Addr	$\frac{1}{9}$	<u> </u>					
	COOK NUCLEAF		PLANT	Unit	1			
. Plant <u>D.C.</u>	Name			<u></u>				
One Cook Blace Bridgman, MI 49106 C48713-04								
Address Repair Org. P.O. No., tob No., etc								
3. Work Performed by Installation Services Type Code Symbol Stamp N/A Name Authorization No. N/A								
		Name		Author				
Same a	as #2	ess		Expira	tion Dat	e <u>N/A</u>		
	Addr	ess	CONTROOT			ASME COD	E CLASS 2	
. Identificat	ion of System.C	HEMICAL	CUNTRUI			N416-1	Code Case	
. (a) Applicab	ole Const. Code	ANSI B3	<u>1.1</u> 19 	<u>83</u> EQ., <u>I</u>	or Penla	cements 19	_couc cupe	
(b) Applicab	le Edition of S ion of Componen	ection XI	Utilized ad or Per	l for Repairs	olacement	Components	B	
. Identificat	Jon of Componen	LS Repairs		1	Τ	Repaired	L TUTU	
-	х.			Other		Replaced	Code	
Name of	Name of	Manuf.	Nat.	Identi-	Year	or Replace-	Stamped (Yes	
Component	Manufacturer	Serial No.	Board No.	Fication	Built	ment	or No)	
		ASP #	N/A	SA 479	N/A	Replace-	No	
4" BALL VLV SCH 120	M&E # 00-12088	21484	N/A	TY 316		ment		
BNL	00-12000							
DUSTRIES								
LL VALVE					-			
GBV-B2-40-								
0017	M&E #	ASP #	N/A	SA-376 GR	N/A	Replace-	No	
PIPE STAINLESS	30-019223	1093		TP-316		ment		
STEEL 4IN	30 012220				1			
SCH 120					i			
SEAMLESS		ļ						
<u></u>		· [+		-			
	<u> </u>	1						
							1	
			<u>4</u>					
7. Descriptio	on of work. Rep	lace valv	e 1-CS-5	34 as per 1-D	CP-622.			
					ominal A	perating Pro	essure 🛛	
8. Test Condu	cted: Hydrostat	cic 📋	Pneuma					
	N/A 🗌	Other 🗌	Press	ure N/A	psi Tes	st Temp. <u>N</u>		

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x ll in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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200 - 563

NIS-2-417-00

FORM NIS-2 (Back)

9. Rem

Remarks Fit Up and Final VT and Final PT and RT Acceptable Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C48713-04

Design Change 1-DCP-622

Repair / Replacement Plan C48713-04 ISI Class 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the REPLACEMENT conforms to the rules Repair or replacement	e report are correct and this of the ASME Code, Section XI.
Type Code Symbol StampN/A	
Certificate of Authorization No. <u>N/A</u>	Expiration Date <u>N/A</u>
Signed <u>Conrad V Reid, Senior Planner</u> Owner or Owner's Designee, Title	Date November 18, 2000

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 <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of <u>Johnston, R.I. 02919</u> Have inspected the components described in this Owner's Report during the period $\underline{H1/22/34}$ to $\underline{1-2-37}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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
 Minh 2055
 Cost N (I)
 National Board, State, Province, Endorsements Date Tabunky 2 20 01

201-563

NTS-2-416-00

As Required by the Provisions of the ASME Code Section XI

Date November 18, 2000 Owner AMERICAN ELECTRIC POWER COMPANY 1. Name Sheet 1 of 2 P.O. Box 60 Fort Wayne, IN 46801 Address Unit 1 Plant D.C. COOK NUCLEAR POWER PLANT 2. Name C48716-04 One Cook Place, Bridgman, MI 49106 Repair Org. P.O. No., Job No., etc Address Work Performed by Installation Services Type Code Symbol Stamp N/A 3. Authorization No. N/A Name Expiration Date N/A Same as #2 Address Identification of System.CHEMICAL CONTROL AND VOLUME (CVCS)ASME CODE CLASS 2 4. 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Identification of Components Repaired or Replaced and Replacement Components 6. Repaired ASME Other Replaced Code Name of Manuf. Name of Nat. Stamped or Component Manufacturer Serial Board Identi-Year Replace-(Yes Built No. No. Fication ment or No) No SA 479 N/A Replace-ASP # N/A 3" BALL VLV M&E # ment TY 316 SCH 160 00-12087 21484 BNI. *TNDUSTRIES* ALL VALVE GBV-B2-30-0017 Description of work. Replace valve 1-CS-535 as per 1-DCP-622. 7 Nominal Operating Pressure Pneumatic Test Conducted: Hydrostatic 8.

N/A 🦳

Other 🗌 Pressure N/A psi

Test Temp. N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

202-563

NIS-2-416-00

FORM NIS-2 (Back)

9. Remarks Fit Up and Final VT; Final PT and RT Acceptable Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C48716-04

Design Change 1-DCP-622

Repair / Replacement Plan C48716-04 ISI Class 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in th <u>REPLACEMENT</u> conforms to the rules Repair or replacement	ne report are correct and this s of the ASME Code, Section XI.
Type Code Symbol StampN/A	
Certificate of Authorization NoN/A	Expiration Date <u>N/A</u>
Signed Conrad V Reid, Senior Planner Owner or Owner's Designee, Title	Date November 18, 2000

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 <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of <u>Johnston, R.I. 02919</u> Have inspected the components described in this Owner's Report during the period $\frac{11-22-357}{2}$ to $\frac{12-15-352}{2}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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 Mich 2055. End MSI National Board, State, Pr National Board, State; Province, Endorsements Date Devember: 15 20 00

As Required by the Provisions of the ASME Code Section XI

203-563 NIS-2-346-00

1. OT	wner AMER	ICAN ELECTRIC	POWER (COMPANY	Date	July	24, 2000		
P	.0. Box (Name 50 Fort Wayne Addre		5801	Sheet	1	of <u>2</u>		
2. P.	lant <u>D.C.</u>	COOK NUCLEAR		PLANT	Unit	# 1			
0	ne Cook I	Nar Place, Bridgm		C4	C48716-15				
		Addre	ess			Org. P.C). No., Job	No., etc	
3. W	ork Perfor	med by Install	lation S	ervices		_	ol Stamp <u>N</u>	I/A	
			Name		Author	ization 1	No. N/A		
_	Same a	•••			Expira	tion Dat	e N/A		
		Addre							
		ion of System						ASS 240	
		le Const. Code						Code Case	
(b)) Applicab	le Edition of Se	ection XI	Utilized	for Repairs	or Repla	acements 198	39 314101	
6. Id	dentificat	ion of Component	ts Repaire	ed or Rep	laced and Re	placement	t Components	3	
		· · · · · · · · · · · · · · · · · · ·			Other		Repaired Replaced	ASME Code	
	me of	Name of	Manuf.	Nat.			or	Stamped	
Com	ponent	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes	
			No.	No.	Fication	Built	ment	or No)	
Weld	Filler	M&E#	ASP#	N/A	ER 308	N/A	Replace-	No	
Meta	1 3/32″	30-044988	19186				ment		
	Filler	M&E#	ASP#	N/A	ER 308L	N/A	Replace-	No	
∣ Meta	1 1/8″	30-044990	21073				ment		
							L		

7. Description of work <u>Excavate weld metal and redeposit to bring flanges back into</u> alignment. No system breach was done therefore no VT-2 was needed.

8.	Test Conducted:	Hydr	ostat	ic 🗌]	Pneumatic		Nominal	Opera	ating	Pressure	
		N/A	X	Other		Pressure	N/A	n psi	Test	Temp.	. <u>N/A</u>	°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

204-563

NIS-2-346-00

FORM NIS-2 (Back)

9. Remarks VT and PT of excavation plus VT, PT, and RT of final weld Applicable Manufacturer's Data Reports to be attached

Reference JO: C48719-15 Design Change: 1-DCP-622

Repair/Replacement Plan: C48719-15 ISI Class: 2

CERTIFICATE OF CO	OMPLIANCE
We certify that the statements made in the REPLACEMENT conforms to the rules Repair or replacement	e report are correct and this of the ASME Code, Section XI.
Type Code Symbol Stamp N/A	
Certificate of Authorization No. <u>N/A</u>	Expiration Date N/A
Signed <u>Conrad V Reid</u> , <u>Senior Planner</u> Owner or Owner's Designee, Title	DateJuly 24 _, 20_00

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 <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of <u>Johnston, R.I. 02919</u> Have inspected the components described in this Owner's Report during the period $\frac{12-24-99}{24}$ to $\frac{9-2-00}{2}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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.

Commissions Mich 0055 End NEI National Board, State, Province, Endorsements Inspector's Signature Date <u>Sept 2</u> 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

205-563 NIS-2-415-00

. Owner AMER	RICAN ELECTRIC	POWER	COMPANY	Date _]	Novembe	er 18, 200	0
X .	Name				1	of ?	
P.O. Box	60 Fort Wayne	, IN 40	6801	Sheet _	<u>⊥</u>	of2	<u></u>
. Plant D.C.	Addre COOK NUCLEAR		PLANT	Unit	11		
	Name				C40715	7 04	
One Cook	Place, Bridgm	an, MI -	49106	Dencim	C48717). No., Job	No etc
	Addre			—	org. r.c	ol Stamp <u>1</u>	J/A
. Work Perfo	rmed by Install		ervices			No. N/A	.,
		Name			tion Dat		
Same	as #2 Addre			Expira	LION Dat	e <u></u>	
	Addre ion of System. <u>C</u>	UENTCAT.	CONTROL	AND VOLUM	E (CVCS)ASME COD	E CLASS 2
. Identificat	ole Const. Code	ANGT B3	$\frac{00111001}{1101}$	83Ed. N	A Add	. N416-1	Code Case
. (a) Applicat	ole Edition of Se	ALLOT 25	<u>IItilized</u>	for Repairs	or Repla	acements 19	89
(b) Applicat	ion of Component	ts Repaire	ed or Rep	laced and Rep	lacement	_ componence	3
. Identificat	T		<u> </u>			Repaired	L VOUD
		Manuf	37.5	Other		Replaced or	Code Stamped
Name of	Name of Manufacturer	Manuf. Serial	Nat. Board	Identi-	Year	Replace-	(Yes
Component	Manuracturer	No.	No.	Fication	Built	ment	or No)
4" BALL VLV	M&E #	ASP #	N/A	SA 479	N/A	Replace-	NO
SCH 120	00-12088	21484		TY 316		ment	
BNL							
INDUSTRIES							
JL VALVE							
_BV-B2-40-							
0017							
	<u> </u>						
	<u></u>		+				
	<u> </u>						
		1	l	A			
7. Descriptio	on of work. <u>Rep</u>	lace valv	e 1-CS-53	36 as per 1-D0	CP-622.		u
-							
						perating Pre	essure 🗵
8. Test Condu	cted: Hydrostat	ic []	Pneumat				
	N/A	Other 🗌	Pressu	ire <u>N/A</u> p	si Tes	t Temp. N	/ 11 E
			• - 1 • • • •	described may be	used prov	vided (1) size	is 8-1/2 in.
OTE: Supplement	tal sheets in form o	t lists, sko ah 6 on this	etones, or 3 report is	included on eac	h sheet, a	ind (3) each s	heet is number

in., (2) information in items 1 through 6 on this report is in and the number of sheets is recorded at the top of this form.

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206 - 563

NIS-2-415-00

FORM NIS-2 (Back)

9. Remarks Fit up and Final VT; Final PT and RT Acceptable Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C48717-04

Design Change 1-DCP-622

Repair / Replacement Plan C48717-04 ISI Class 2

CERTIFICATE OF COMPLIANCE					
We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. Repair or replacement					
Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Expiration Date N/A					
Signed <u>Conrad V Reid, Senior Planner</u> Date <u>November 18</u> , 20 <u>00</u> Owner or Owner's Designee, Title					

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 Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period $\frac{12-2-9.9}{2}$ to $\frac{12-15-0.0}{2}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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.

mam Turganal	Commissions <u>Mich 0255 ENDNET</u> National Board, State, Province, Endors	
Inspector's Signature	National Board, State, Province, Endors	3ements

Date <u>December 15</u> 2000

207-563

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Page 1 of 2

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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: <u>AMERICAN ELECTRIC POWER</u>	Date Performed: 07-12-00
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0048910-01</u>
	One Cook Place, Bridgman, MI 49106	Component#_1-SI-120N
3.	Work Performed by: AEP/D.C. COOK Maintenance Departs	ment
4.	Identification of System: <u>SAFTEY INJECTION</u>	
<u>5.</u>	(a) Applicable Construction Code: <u>ANSI B31.1, 1983 Ed.</u>	NO Add., Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

··· Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
STEM	ASTM# SA-479-	N/A	M&E# 30-035558	N/A	REPLACED	NO
	316		ASP# 12589		1	
BONNET	SA-N60D-C1	N/A	M&E# 30-035398	N/A	REPLACED	NO
			ASP# 15187			
					_	

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE:

Pressure: psi Test Temperature F.

i

208-563

1

Description of Work: The valve was disassembled cleaned and inspected. QC was there.

A new stem & bonnet chamber were installed.

Job Order/File: C0048910-01

ISI CLASS 2

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement. Type Code Symbol Stamp
Certificate of Authorization No. MA Expiration Date <u>MA</u> Signed: Dewayne Timmons Maint. Welding Supervisor Date <u>11-12-00</u> Owner or Owner's Designee, Title

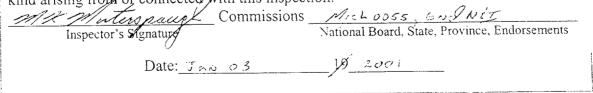
`- __

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vesser Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period <u>over 29-99</u> to <u>our o 3-00</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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



As Required by the Provisions of the ASME Code Section XI

209-563

Owner AMER	ICAN ELECTRIC		COMPANY	Date	Janua	ary 17, 20	01
P O Boy	Nan 60 Fort Wayne		5801	Sheet	1	of 2	
F.O. BOX	Addre		1001		<u>+</u>		······
Plant D.C.	COOK NUCLEAR		⊃T.ANT	Unit	# 1		
11anc <u><u><u></u></u><u><u></u><u></u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></u>	Nai					-	
One Cook	Place, Bridgm	an, MI 4	49106	C504	118-03		
	Addre			Repair	Org. P.C	D. No., Job	No., etc
Work Perfor	med by Install	lation S	ervices	Туре С	ode Symb	ol Stamp 🛽 1	N/A
		Name		Author	ization 1	No. N/A	
Same a	as #2			Expira	ation Dat	e N/A	
	Addre	ess					
Identificat	ion of System	Residual	. Heat H	Removal	ASN	AE CODE CI	LASS 2
(a) Applicab	le Const. Code	ANSI B3	1.1 19	83Ed., 1	N/A Add	1. N/A	Code Case
(b) Applicab	le Edition of Se	ection XI	Utilized	l for Repairs	or Repla	acements 19	89
Identificat	ion of Component	ts Repaire	ed or Rep	laced and Re	placement	t Component	S
				Other		Repaired	ASME
Name of	Name of	Manuf.	Nat.	Other		Replaced	Code
Component	Manufacturer	Serial	Board	Identi-	Year	or Replace-	Stamped (Yes
		No.	No.	Fication	Built	ment	or No)
Langes Down	M&E#	ASP#	N/A	SA194	N/A	Replace-	No
tream	30-212100	23049		Grade 8F		ment	
-IMO-331							
/4" Heavy							
ex Nuts					· · · · · ·		
/4" All	M&E#	ASP#	N/A	SA453	N/A	Replace-	No
hread Rod	30-212295	19160		Grade 660		ment	
	· · · · · · · · · · · · · · · · · · ·						
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······							
			<u>.</u>				
			<u> </u>			·····	
<u> </u>						· · · · ·	
		1	L	<u></u>			
Deggrintic	on of work Rej	olade Bolt	ting on F	langes Downs	tream of	Valve 1-TM	0-331
Descriptic	T OI WOIK <u>Re</u>	PIACE BUIL		Tanges Downs	CICUM OI		
	· · · · · · · · · · · · · · · · · · ·						· · · · · · · · · · · · · · · · · · ·
Test Conduc	ted: Hydrostat	ic 🗌	Pneumat	ic 🗌 No	ominal Op	erating Pre	essure 🗌
	N/A 🗵	Other [est Temp. 1	
TE: Supplement	al sheets in form of	: lists, ske	tches, or o	drawings may be	used, prov	ided (1) size	is 8-1/2 in.
, (2) informatio	on in items 1 throug	h 6 on this	report is	included on eac	h sheet, a	nd (3) each sh	eet is number
the number of s	sheets is recorded a	it the top of	I CAIS FOR	n.			

	FORM NIS-2 (Back)
Remarks	
	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C50418-03 Design Change: N/A
	Repair/Replacement Plan: C50418-03 ISI Class: 2
	CERTIFICATE OF COMPLIANCE
REPLAC	ertify that the statements made in the report are correct and this <u>EMENT</u> conforms to the rules of the ASME Code, Section XI. or replacement
Type Co	de Symbol Stamp N/A
Certifi	cate of Authorization No. N/A Expiration Date N/A
Signed	Willy to Trans Standy Common Date 1-19-01, 20_01 Owner or Owner's Designee, Title

210-563

Page 2 of 2

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 Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 2 - 2 - 20 to 2 - 23 - 21, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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.

<u>MA Matiss parish</u> Commissions <u>Mich 2055</u>, <u>EndNIF</u> Inspector's Signature National Board, State, Province, Endorsements Date Jan 23 2001

As Required by the Provisions of the ASME Code Section XI 211 - 563

Owner AMER	ICAN ELECTRIC		COMPANY	Date	Janua	ry 17, 20	01
P.O. Box	Nan 60 Fort Wayne		5801	Sheet	1	of2	
Plant D.C.	Addro COOK NUCLEAR	POWER I	PLANT	Unit	# 1	·	
One Cook	Nan Place, Bridgn		19106	C504	118-04		
	Addre			Repair	Org. P.C). No., Job	No., etc
Work Perfo	rmed by Instal	Lation S	ervices	Туре С	ode Symbo	ol Stamp 🛛	J/A
		Name			ization 1	No. N/A	
Same a	ag #2			Expira	tion Dat	e N/A	
	Addro	ess					<u> </u>
Identificat	ion of System		Heat I	Removal	ASM	IE CODE CL	ASS 2
(a) Applicat	ole Const. Code	ANST B3	1 1 19	83Ed	N/A Add		Code Case
	ole Edition of Se						
(D) Applicat	ion of Componen	ECCION AI Eg Dennirg	d or Per	l LOL Kepails	nlacement	Components	3
raencilicat		La Keparte	Ja or rek			Repaired	ASME
				Other		Replaced	Code
Name of	Name of	Manuf.	Nat.			or	Stamped
Component	Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes
		No.	No.	Fication	Built	ment	or No)
anges Down	M&E#	ASP#	N/A	SA194	N/A	Replace-	No
tream	30-212100	23049		Grade 8F		ment	
-IMO-330							
/4" Heavy	·						
ex Nuts							
/4" All	M&E#	ASP#	N/A	SA453	N/A	Replace-	No
hread Rod	30-212295	19160		Grade 660		ment	
· · · · · · · · · · · · · · · · · · ·							
		1	1				
		1			1		
		+	1				
					1		<u> </u>
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		· · · · · · · · · · · · · · · · · · ·			1		1
	<u> </u>	L	1	<u>L</u>		L	-l
Descriptio	on of work Re	place Boli	ting on 1	Flanges Downs	tream of	Valve 1-IM	0-330
Depertpert		<u>, , , , , , , , , , , , , , , , , , , </u>					
Test Conduc	cted: Hydrostat	ic 🗌	Pneumat	ic 🗌 N	ominal Op	erating Pre	essure
/	N/A 🗵	Other [— ,	psi Te	st Temp.	N/A °f
	N/A L						
TE: Supplement	al sheets in form o	f lists, ske	tches, or	drawings may be	used, prov	ided (1) size	is 8-1/2 in.
. (2) informati	on in items 1 through	gh 6 on this	report is	included on eac	h sheet, a	nd (3) each sh	eet is number
the number of	sheets is recorded a	at the top o	f this for	m.			

	FORM NIS-2 (Back)
 Remarks .	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C50418-04 Design Change: N/A
	Repair/Replacement Plan: C50418-04 ISI Class: 2
REPLACE Repair o	CERTIFICATE OF COMPLIANCE rtify that the statements made in the report are correct and this MENT conforms to the rules of the ASME Code, Section XI. r replacement N/A
	ate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed	Willy NG Timmons Date 1-19-01 , 20 01

212-563

Page 2 of 2

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 <u>Michigan</u> and employed by <u>FACTORY MUTUAL INSURANCE Co.</u> of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period $\frac{\sqrt{b-c-bo}}{\sqrt{b-c-b}}$ to $\frac{\cos - 2 c - \cos 1}{\cos - 2 c - \cos 1}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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 Misch 0055, END NET National Board, State, Pro National Board, State, Province, Endorsements Date Jan 26 20 01

213-563

Component# 1-CTS-23

Page 1 of 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions for the ASME Code Section XI

1.	Owner: AMERICAN ELECTRIC POWER	Date_Performed: 10-11-00
	P.O. Box 60 Fort Wayne IN 46801	Unit# 1
2.	Plant: D.C.Cook Nuclear Power Plant	Job Order <u># C0050418-05</u>

3. Work Performed by: AEP/D.C. COOK Maintenance Department

4. Identification of System: <u>PIPE</u>

One Cook Place, Bridgman, MI 49106

5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case:

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component 1-CTS-23	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
STUDS	ASME# SA-453 GR-660	N/A	M&E# 30-212295 ASP# 19160	N/A	REPLACED	NO
NUTS	ASME# 194 (5.9.) GR-8F	N/A	M&E# 30-212 2 100 ASP# 23049	N/A	REPLACED	NO
•	•	•	•	•	•	••

7. Hydrostatic NA Pneumatic NA Nomial Operating Pressure N/ANDE:

Pressure: psi Test Temperature F.

214-563

Description of Work: The flange bolting issue was corrected by installing new bolts and nuts..

Job Order/File: C0050418-05 ISI CLASS 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair and/or</u> <u>replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.

Type Code Symbol Stamp	
Certificate of Authorization No.	Expiration DateA
Certificate of Authorization No. <u>MA</u> Signed: Dewayne Timmons Maint. Weldin	g Supervisor Date 1-31-01
Owner or Owner's Desig	nee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON RI.

have inspected the components described in this Owner's Report during the period 12-6-00 to 2-2-1, and state that to the best of my knowledge and

belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

Section XI

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

MX Mutersnaus **Commissions** MICHODSS, ENDNET National Board, State, Province, Endorsements Inspector's Signature 2001 Date: Feb 2

As Required by the Provisions of the ASME Code Section XI 215-563

Owner AMER	ICAN ELECTRIC		COMPANY	Date	Janua	ry 17, 20	01
P.O. Box	Nar 60 Fort Wayne	, IN 46	5801	Sheet	1	of2	
2. Plant <u>D.C.</u>	Addre COOK NUCLEAR	POWER I	PLANT	Unit	# 1		
······	Nar Place, Bridgm Addre	an, MI 4 ss		Repair). No., Job	
3. Work Perfor	med by Install		ervices	Type C	ode Symbolization d	ol Stamp <u>N</u> o. N/A	N/A
Same a	as #2 Addre	Name			ation Dat		·······
4. Identificat 5. (a) Applicab	ion of System le Const. Code	Containn ANSI B3	ment Spi 1.1 19	cay 83Ed., 1	ASM	1E CODE CI	Code Case
(b) Applicab6. Identificat	le Edition of Solion of Component	ection XI ts Repaire	Utilized ed or Rep	l for Repairs placed and Re	or Repla placement	t Component	s
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- Fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
Flanges Down Stream 1-CTS-128E 3/4" Heavy Hex Nuts	M&E# 30-212100	ASP# 23049	N/A	SA194 Grade 8F	N/A	Replace- ment	No
3/4" All .'hread Rod	M&E# 30-212295	ASP# 19160	N/A	SA453 Grade 660	N/A	Replace- ment	No
7. Descriptic	n of work <u>Re</u>	place Bol	ting on H	langes Downs	tream of	Valve 1-CT	S-128E
8. Test Conduc	ted: Hydrostat N/A 🛛	ic 🗌 Other [Pneumat] Press		-	perating Presst Temp.	
in., (2) information	al sheets in form o on in items 1 throug sheets is recorded a	gh 6 on this	report is	included on eac	used, prov ch sheet, a	ided (1) size nd (3) each sh	is 8-1/2 in. x 1 neet is numbered

216-563

	FORM NIS-2 (Back)
Remarks	
	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: C50418-06 Design Change: N/A
	Repair/Replacement Plan: C50418-06 ISI Class: 2
 	
<u>REPLAC</u> Repair	CERTIFICATE OF COMPLIANCE ertify that the statements made in the report are correct and this EMENT conforms to the rules of the ASME Code, Section XI. or replacement de Symbol Stamp <u>N/A</u>
REPLAC Repair Type Co	ertify that the statements made in the report are correct and this <u>EMENT</u> conforms to the rules of the ASME Code, Section XI. or replacement

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 Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 10-9-00 to 01-24-01 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's 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. <u>Mr. Mulinspaciech</u> Commissions <u>Mrch 0055</u>, <u>End NJT</u> Inspector's Signature National Board, State, Province, Endorsements

20 01

Date JAN 24