

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



September 19, 2000

C0900-16
10 CFR 50.55a

Docket No.: 50-316

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop O-P1-17
Washington, DC 20555-001

**Donald C. Cook Nuclear Plant Unit 2
NIS-1 REPORT FOR INSERVICE INSPECTION (ISI) ACTIVITIES**

Attached is a copy of the NIS-1 Report for ISI activities performed at Donald C. Cook Nuclear Plant Unit 2, State of Michigan, National Board Number 1 (Mich. M-324232-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 July 1, 1978, 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.

A047

Should you have any questions, please contact me at (616) 697-5056.

Sincerely,



W. J. Kropp
Director of Regulatory Affairs

/jen

Attachment

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

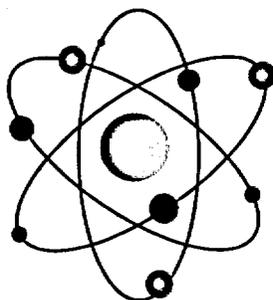
ATTACHMENT TO C0900-16

**NIS-1 REPORT FOR INSERVICE INSPECTION ACTIVITIES
PERFORMED AT DONALD C. COOK NUCLEAR PLANT UNIT 2**



AEP: America's Energy Partner™

D. C. Cook Nuclear Power Plant



**RFO 97
90-DAY SUMMARY REPORT**

SUMMARY REPORT
FOR THE
DONALD C. COOK NUCLEAR PLANT
UNIT 2
1997 REFUELING OUTAGE

INDIANA MICHIGAN POWER COMPANY
P.O. Box 60, Ft. Wayne, IN, 46801

DONALD C. COOK NUCLEAR PLANT, UNIT 2,
One Cook Place, Bridgman, MI, 49106

COMMERCIAL SERVICE DATE 7-1-1978

Report for Inspection Period
From May 10, 1996 to June 22, 2000

September 14, 2000

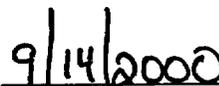
Reviewed by:



Roy E. Hall

(ISI Program Coordinator)

Date:



INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, UNIT 2
BRIDGMAN, MI.
COMMERCIAL SERVICE DATE 7-1-1978

Report of Inservice Inspections
From May 10, 1996 to June 22, 2000

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INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, UNIT 2,
BRIDGMAN, MI.
COMMERCIAL SERVICE DATE 7-1-1978

SECTION 1

INTRODUCTION

This report summarizes the Inservice Inspection activities performed at the Donald C. Cook Nuclear Plant, Unit 2, for the period of May 10, 1996 through June 22, 2000. This report addresses examinations and activities associated with the Third Ten-Year Interval, First Inspection Period, First Outage, Refueling Outage 1997 (RFO97). 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 (May 9, 1996) 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 2
BRIDGMAN, MI.
COMMERCIAL SERVICE DATE 7-1-1978

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., P.O Box 60, Ft. Wayne, IN, 46801
(Name and Address of Owners)
2. Plant: Donald C. Cook Nuclear Plant, One Cook Place, Bridgman, MI 49106
(Name and Address of Plant)
3. Plant Unit: Two
4. Owner Certification of Authorization (if required): N/A
5. Commercial Service Date: 07/01/78
6. National Board Number for Unit: 1 (Mich. M-324232-M)

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial Number	State or Province Number	National Board Number
Steam Generator, OME-3-1	Westinghouse	MMGL 11444/1341	M-324234-M	37
Pressurizer	Westinghouse	1231	M-324233-M	68 94
Boron Injection Tk	Strothers Wells Corp.	Spin No. AMP-SIATBI-01	-	13344
Regenerative Heat Exchanger, HE-12	Joseph Oats & Sons, Inc.	1831-7-III	-	430
Volume Control Tank, TK-10	Joseph Oats & Sons, Inc.	1787-3B	-	-
East Residual Heat Removal Heat Exchanger, HE-17E	Engineers and Fabricators Inc.	S-15586-C	-	-
Containment	Graver	-	-	-
Piping Welds - RC, SI, CS, RH, WD, CTS, FW, MS	Power Systems Inc. and TUBECO	-	-	-
Pipe Hangers and Supports	Grinnel	-	-	-

8. Examination Dates 5/10/96 to 6/22/009. Inspection Period Identification: First10. Inspection Interval Identification: Third

11. Applicable Edition of Section XI 1989 & 1992 Addenda N/A

12. Date/Revision of Inspection Plan: 7/96 Rev. 0

13. Abstract of Examinations:

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.

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

Date: 9/14/2000 Signed: Indiana Michigan Power Co. By: Roy E. Hall
Owner Roy E. Hall

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 INS. CO. of JOHNSTON, RI have inspected the components described in this Owner's Report during the period May 10, 1996 to June 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.

Michael R. Waterhouse Commissions: Michigan 0055, Endorsements: N&I
Inspector's Signature National Board, State, Province, and Endorsements

Date: SEPT. 14, 2000

INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, UNIT 2
BRIDGMAN, MI.
COMMERCIAL SERVICE DATE 7-1-1978

SECTION 3

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

Inservice examinations were performed during the period May 10, 1996 to June 22, 2000. This report addresses examinations and activities associated with the Third Ten-Year Interval, First Inspection Period, First Outage, Refueling Outage 97 (RFO97). All examinations were in accordance with the 1989 Edition and 1992 Edition as applicable.

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

During RFO97, one-hundred forty (140) Code Class 1, fifty-two (52) Code Class 2, and twenty (20) Code Class 3 examinations were performed.

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

Four volumetric indications were recorded by ultrasonic examination. Two indications were recorded by surface examination. These indications were evaluated by the standards in ASME Section XI. All indications were dispositioned acceptable based on these evaluations. Four examination areas had visual examination findings. All findings were dispositioned acceptable. Limitations associated with the examinations are documented and included with the Summary of Examinations

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

DATE 08/15/00
 REVISION: 0

COOLANT NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 1 COMPLETED COMPONENTS

PAGE: 1

PRESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS

<u>CIRCUMFERENTIAL WELDS (FIG NO A-4)</u>								
006100	2-PRZ-11	B-B	UT0	54-ISI-130-33	X	-	-	FTI - CODE ALLOWABLE INDICATIONS NOTED.
	LOWER SHELL TO LOWER HEAD	B2.11	UT45		-	-	X	
			UT45T		X	-	-	
			UT60		-	-	X	
			UT60T		X	-	-	**RV-3**
			UT35		-	-	X	
			UT35T		X	-	-	
<u>LONGITUDINAL WELDS (FIG NO A-4)</u>								
006600	2-PRZ-16	B-B	UT0	54-ISI-130-33	X	-	-	FTI
	LONGITUDINAL SEAM	B2.12	UT45		X	-	-	
			UT45T		X	-	-	
			UT60		X	-	-	
			UT60T		X	-	-	**RV-3**
<u>NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (FIG NO A-4)</u>								
006920	4"-2-RC-28	B-D	UT0	54-ISI-130-33	X	-	-	FTI
	UPPER HEAD TO SPRAY NOZZLE	B3.110	UT45		X	-	-	
			UT45T		X	-	-	
			UT60		X	-	-	
			UT60T		X	-	-	**PL-3.0-CSCL-4-DCC**
006930	6"-2-RC-22	B-D	UT0	54-ISI-130-33	-	-	X	FTI - ONE CODE ALLOWABLE INDICATION.
	UPPER HEAD TO RELIEF NOZZLE	B3.110	UT45		-	-	X	
			UT45T		X	-	-	
			UT60		-	-	X	
			UT60T		X	-	-	**PL-3.0-CSCL-4-DCC**
006940	6"-2-RC-25	B-D	UT0	54-ISI-130-33	X	-	-	FTI - ONE CODE ALLOWABLE INDICATION NOTED.
	UPPER HEAD TO RELIEF NOZZLE	B3.110	UT45		-	-	X	
			UT45T		X	-	-	
			UT60		-	-	X	
			UT60T		X	-	-	**PL-3.0-CSCL-4-DCC**

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DATE 08/15/00
 REVISION: 0

COOR JCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 1 COMPLETED COMPONENTS

PRESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS
<u>NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (FIG NO A-4)</u>								
006970	14"-2-RC-21 SURGE NOZZLE TO LOWER HEAD	B-D B2.2	UT0 UT45 UT45T UT60 UT60T MT	54-ISI-130-33 54-ISI-270-35	X X X X X X	- - - - - -	- - - - - -	FTI - LIMITED COVERAGE (92%) DUE TO PROXIMITY OF HEATER PENETRATIONS **PL-3.0-CSCL-4-DCC**
<u>NOZZLE INSIDE RADIUS SECTIONS (FIG NO A-4)</u>								
007000	4"-2-RC-28-IRS UPPER HEAD TO SPRAY NOZZLE	B-D B3.120	UT20	54-ISI-132-1	X	-	-	FTI **IR-CSCL-24-DCC**
007100	6"-2-RC-22-IRS UPPER HEAD TO RELIEF NOZZLE	B-D B3.120	UT20	54-ISI-132-1	X	-	-	FTI **CSCL-24-DCC/CS-33-DCC**
007200	6"-2-RC-25-IRS UPPER HEAD TO RELIEF NOZZLE	B-D B3.120	UT20	54-ISI-132-1	X	-	-	FTI **CSCL-24-DCC/CS-33-DCC**
007500	14"-2-RC-21-IRS SURGE NOZZLE TO LOWER HEAD	B-D B3.120	UT28	54-ISI-132-1	X	-	-	FTI **IR-CS-33-DCC**
<u>NOZZLE TO SAFE-END AND SAFE-END TO NOZZLE WELDS (FIG NO A-4)</u>								
008100	2-PRZ-22 NOZZLE TO SAFE-END	B-F B5.40	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	- X X	X -	- - -	FTI- LIMITED COVERAGE (93%) DUE TO WELD SURFACE GEOMETRY. **3378028 (6-SS-160-.71)**

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DATE: 08/15/00
 REVISION: 0

COOLANT NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 1 COMPLETED COMPONENTS

PRESSURIZER

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS	
				-	-	-		
<u>NOZZLE TO SAFE-END AND SAFE-END TO NOZZLE WELDS (FIG NO A-4)</u>								
008200	2-PRZ-23	B-F	UT45	54-ISI-121-1	-	X	-	FTI - LIMITED COVERAGE (91%) DUE TO WELD SURFACE GEOMETRY.
	NOZZLE TO SAFE-END	B5.40	UT45T		X	-	-	
			PT	54-ISI-240-36	X	-	-	**3378028 (6-SS-160-.71)**
<u>PRESSURE RETAINING BOLTING (2" AND LESS) (FIG NO A-4)</u>								
008515	2-PRZ-MB 1 THROUGH 16 MANWAY BOLTING	B-G-2 B7.20	VT-1	12QHP5050NDE006	X	-	-	J.O. C38011-06

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DATE: 08/15/00
 REVISION: 0

COOK NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 1 COMPLETED COMPONENTS

STEAM GENERATOR NO. 21

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS
					ITEM NO			
<u>NOZZLE INSIDE RADIUS SECTIONS (FIG NO A-6)</u>								
008700	STM-21-I-IRS INLET NOZZLE INSIDE RADIUS SECTION	B-D B3.140	UT35	54-ISI-132-1	X	-	-	FTI **IR-CSCL-24-DCC**
008800	STM-21-O-IRS OUTLET NOZZLE INSIDE RADIUS SECTION	B-D B3.140	UT35	54-ISI-132-1	X	-	-	FTI **IR-CSCL-24-DCC**
<u>NOZZLE TO ELBOW AND ELBOW TO NOZZLE WELDS (FIG NO A-6)</u>								
008900	STM-21-02 ELBOW TO INLET NOZZLE	B-F B5.70	UT45 UT45T PT	54-ISI-123-2 54-ISI-240-36	- X X	X -	-	FTI **CSS/CCS-MOCKUP-36-DCC**
009000	STM-21-03 OUTLET NOZZLE TO ELBOW	B-F B5.70	UT45 UT45T PT	54-ISI-123-2 54-ISI-240-36	- X X	X -	-	FTI **CSS/CCS-MOCKUP-36-DCC**
<u>PRESSURE RETAINING BOLTING (2" AND LESS) (FIG NO A-6)</u>								
009420	STM-21-OMB-1 THROUGH 16 OUTLET MANWAY BOLTING	B-G-2 B7.30	VT-1 MT	12QHP5050NDE006 12QHP5050NDE002	- X	- -	X -	J.O. C39598-05 - MINOR NICKS AND MINOR PITTING NOTED. ONE STUD WAS REPLACED DUE TO THREAD DAMAGE FROM MAINTENANCE ACTIVITIES.
009460	STM-21-IMB-1 THROUGH 16 INLET MANWAY BOLTING	B-G-2 B7.30	VT-1 MT	12QHP5050NDE006 12QHP5050NDE002	- X	- -	X -	J.O. C39598-05 - MINOR NICKS AND MINOR PITTING NOTED.

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REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O			REMARKS
					R E C	G O M	T E R	

<u>LINE 2-RC-17 (FIG NO A-7)</u>								
014000	2-RC-17-01N	B-J	UT45	54-ISI-121-1	X	-	-	FTI - LIMITED COVERAGE (72%) DUE TO WELD SURFACE GEOMETRY
	6-IN. NOZZLE (SET-ON BRANCH CONNECTION)	B9.31	UT45T		X	-	-	
			PT	54-ISI-240-36	X	-	-	**BC-6/27.5-29-SS-42-DCC**
014100	2-RC-17-02	B-J	UT45	54-ISI-123-2	-	X	-	FTI - LIMITED COVERAGE (95%) DUE TO BRANCH CONNECTION NOZZLE.
	PIPE TO PIPE	B9.11	UT45T		X	-	-	
			PT	54-ISI-240-36	X	-	-	**37-CCSS-X-3.0-9-DCC**
<u>LINE 2-RC-18 (FIG NO A-10)</u>								
016700	2-RC-18-02	B-J	UT45	54-ISI-123-2	-	X	-	FTI - LIMITED COVERAGE (91%) DUE TO BRANCH CONNECTION NOZZLE.
	PIPE TO PIPE	B9.11	UT45T		X	-	-	
			PT	54-ISI-240-36	X	-	-	**37-CCSS-X-3.0-9-DCC**
016900	2-RC-18-13 BRANCH CONNECTION TO TEMPERATURE ELEMENT	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-RC-18 (FIG NO A-11)</u>								
017900	2-RC-18-07 PIPE TO ELBOW	B-J B9.11	UT45 UT45T	54-ISI-123-2	X	-	-	FTI
			PT	54-ISI-240-36	X	-	-	**37-CCSS-X-3.0-9-DCC**
017920	2-RC-18-07-LD-I LONGITUDINAL SEAM	B-J B9.12	UT45 UT45T	54-ISI-123-2	X	-	-	FTI
			PT		X	-	-	**37-CCSS-X-3.0-9-DCC**

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DATE: 08/15/00
 REVISION: 0

COOLANT NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 1 COMPLETED COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
					-	-	-	
<u>LINE 2-RC-18 (FIG NO A-11)</u>								
017940	2-RC-18-07-LD-O LONGITUDINAL SEAM	B-J B9.12	UT45 UT45T PT	54-ISI-123-2 54-ISI-240-36	X X X	- - -	- - -	FTI **37-CCSS-X-3.0-9-DCC**
<u>LINE 2-RC-19 (FIG NO A-13)</u>								
019300	2-RC-19-01N 2-1/2-IN. NOZZLE (BRANCH CONNECTION)	B-J B9.32	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-RC-20 (FIG NO A-17)</u>								
023100	2-RC-20-03N 3-IN. NOZZLE (BRANCH CONNECTION)	B-J B9.32	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
023200	2-RC-20-04N 3-IN. NOZZLE (BRANCH CONNECTION)	B-J B9.32	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
023300	2-RC-20-07 PIPE TO ELBOW	B-J B9.11	UT45 UT45T PT	54-ISI-123-2 54-ISI-240-36	X X X	- - -	- - -	FTI **37-CCSS-X-3.0-9-DCC**
023320	2-RC-20-07-LD-I LONGITUDINAL SEAM	B-J B9.12	UT45 UT45T PT	54-ISI-123-2 54-ISI-240-36	X X X	- - -	- - -	FTI **37-CCSS-X-3.0-9-DCC**

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DATE: 08/15/00
 REVISION: 0

COOK NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 1 COMPLETED COMPONENTS

CASE: 7

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS
					-	-	-	
<u>LINE 2-RC-20 (FIG NO A-17)</u>								
023340	2-RC-20-07-LD-O LONGITUDINAL SEAM	B-J B9.12	UT45 UT45T PT	54-ISI-123-2 54-ISI-240-36	X X X	- - -	- - -	FTI **37-CCSS-X-3.0-9-DCC**
<u>LINE 2-RC-21 (FIG NO A-19)</u>								
024820	2-RC-21-02 PIPE TO PIPE	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378032 (14-SS-160-1.40)**
<u>LINE 2-RC-22 (FIG NO A-20)</u>								
026200	2-RC-22-06 ELBOW TO REDUCER	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378028 (6-SS-160-.71)**
026400	2-RC-22-09 PIPE TO ELBOW	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378027 (4-SS-120-.430)**
<u>LINE 2-RC-23 (FIG NO A-21)</u>								
027700	2-RC-23-03 ELBOW TO PIPE	B-J B9.21	PT	12QHP5050NDE001	-	-	X	J.O. C38011-06 - ONE CODE ALLOWABLE INDICATION FOUND.
<u>LINE 2-RC-24 (FIG NO A-22)</u>								
028400	2-RC-24-03 PIPE TO VALVE	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06

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DATE 08/15/00
 REVISION: 0

COOK CLEAR PLANT UNIT 2
 INSERV & INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 1 COMPLETED COMPONENTS

E: 8

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
					-	-	-	
<u>LINE 2-RC-25 (FIG NO A-23)</u>								
029500	2-RC-25-08-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12QHP5050NDE006	X	-	-	J.O. C38011-06
<u>LINE 2-RC-26 (FIG NO A-24)</u>								
029600	2-RC-26-01 SAFE-END TO ELBOW	B-J B9.11	UT45 UT45T UT70 PT	54-ISI-121-1 54-ISI-240-36	X X X X	- - - -	- - - -	FTI **3378028 (6-SS-160-.71)**
029900	2-RC-26-04 ELBOW TO PIPE	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378028 (6-SS-160-.71)**
<u>LINE 2-RC-27 (FIG NO A-25)</u>								
031100	2-RC-27-07 ELBOW TO PIPE	B-J B9.11	UT45 UT45T UT60 UT70 PT	54-ISI-121-1 54-ISI-240-36	- X - - X	X - X X -	- - - - -	FTI **3378028 (6-SS-160-.71)**
<u>LINE 2-RC-28 (FIG NO A-26)</u>								
032700	2-RC-28-11 PIPE TO ELBOW	B-J B9.11	UT45 UT45T UT60 PT	54-ISI-121-1 54-ISI240-36	X X X X	- - - -	- - - -	FTI **3378027 (4-SS-120-.430)**
<u>LINE 2-RC-28 (FIG NO A-27)</u>								
034400	2-RC-28-24 PIPE TO ELBOW	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378027 (4-SS-120-.430)**

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COOLANT NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 1 COMPLETED COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T			REMARKS
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<u>LINE 2-RC-28 (FIG NO A-27)</u>								
035600	2-RC-28-33 ELBOW TO PIPE	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378027 (4-SS-120-.430)**
<u>LINE 2-RC-29 (FIG NO A-28)</u>								
038500	2-RC-29-07 PIPE TO ELBOW	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378027 (4-SS-120-.430)**
<u>LINE 2-RC-30 (FIG NO A-29)</u>								
040300	2-RC-30-01N 2-IN. NOZZLE (BRANCH CONNECTION)	B-J B9.32	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
040800	2-RC-30-03 ELBOW TO PIPE	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI240-36	X X X	- - -	- - -	FTI **3378027 (4-SS-120-.430)**
041000	2-RC-30-05 ELBOW TO PIPE	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378027 (4-SS-120-.430)**
<u>LINE 2-RC-31 (FIG NO A-30)</u>								
041500	2-RC-31-02 PIPE TO ELBOW	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06

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REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
					-	-	-	
<u>LINE 2-RC-31 (FIG NO A-30)</u>								
041600	2-RC-31-03 ELBOW TO PIPE	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-RC-31 (FIG NO A-31)</u>								
045200	2-RC-31-12 PIPE TO ELBOW	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
046800	2-RC-31-24 VALVE TO ELBOW	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
046900	2-RC-31-25 ELBOW TO PIPE	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-RC-33 (FIG NO A-34)</u>								
051300	2-RC-33-06 PIPE TO PIPE	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-RC-34 (FIG NO A-36)</u>								
054500	2-RC-34-01 REDUCER TO PIPE	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
054600	2-RC-34-02 PIPE TO ELBOW	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06

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 CLASS 1 COMPLETED COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
					-	-	-	
<u>LINE 2-RC-512 (FIG NO A-38)</u>								
060300	2-RC-512-20 MANIFOLD TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
061100	2-RC-512-28 PIPE TO FLANGE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
061200	2-RC-512-28-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12QHP5050NDE006	X	-	-	J.O. C38011-06
061300	2-RC-512-29 FLANGE TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
061400	2-RC-512-30 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
061500	2-RC-512-31 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-RC-513 (FIG NO A-39)</u>								
062800	2-RC-513-01 REDUCER TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
062900	2-RC-513-02 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
					-	-	-	
<u>LINE 2-RC-513 (FIG NO A-39)</u>								
063000	2-RC-513-03 PIPE TO CROSS	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-RC-514 (FIG NO A-40)</u>								
065700	2-RC-514-02 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
068200	2-RC-514-27 PIPE TO FLANGE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
068300	2-RC-514-27-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12QHP5050NDE006	-	-	X	J.O. C38011-06 - LIGHT BORIC ACID RESIDUE NOTED AND EVALUATED UNDER A/R A150806 EVAL. 01.
068400	2-RC-514-28 FLANGE TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
068800	2-RC-514-29 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
068900	2-RC-514-30 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
069000	2-RC-514-31 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06

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 CLASS 1 COMPLETED COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
					-	-	-	
<u>LINE 2-RC-514 (FIG NO A-40)</u>								
069400	2-RC-514-35 PIPE TO REDUCING TEE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-RC-516 (FIG NO A-42)</u>								
073600	2-RC-516-14 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
073900	2-RC-516-17 TEE TO REDUCER	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
074000	2-RC-516-18 TEE TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
074100	2-RC-516-19 PIPE TO MANIFOLD	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
074200	2-RC-516-20 MANIFOLD TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
074300	2-RC-516-21 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
074400	2-RC-516-22 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06

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 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 1 COMPLETED COMPONENTS

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REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
<u>LINE 2-RC-516 (FIG NO A-42)</u>								
074500	2-RC-516-23 PIPE TO TEE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
074800	2-RC-516-26 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
075100	2-RC-516-28-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12QHP5050NDE006	X	-	-	J.O. C38011-06 - MINOR NICKS NOTED
<u>LINE 2-RC-518 (FIG NO A-44)</u>								
082300	2-RC-518-30-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12QHP5050NDE006	X	-	-	J.O. C38011-06
<u>LINE 2-RC-519 (FIG NO A-45)</u>								
083800	2-RC-519-07 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
085700	2-RC-519-25 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
085800	2-RC-519-26 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
					-	-	-	
<u>LINE 2-RC-519 (FIG NO A-45)</u>								
085900	2-RC-519-27 PIPE TO REDUCER	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-RC-525 (FIG NO A-46)</u>								
086700	2-RC-525-04 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
086800	2-RC-525-05 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06

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SAFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T			REMARKS
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<u>LINE 2-SI-56 (FIG NO A-47)</u>								
087800	2-SI-56-01 VALVE TO PIPE	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378030 (10-SS-140-1.0)**
088000	2-SI-56-02-PL 1 AND 2 PIPE LUG	B-K-1 B10.10	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
089400	2-SI-56-15 ELBOW TO PIPE	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378030 (10-SS-140-1.0)**
<u>LINE 2-SI-78 (FIG NO A-47)</u>								
090400	2-SI-78-04 ELBOW TO PIPE	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378028 (6-SS-160-.71)**
<u>LINE 2-SI-57 (FIG NO A-48)</u>								
092300	2-SI-57-13 PIPE TO ELBOW	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378030 (10-SS-140-1.0)**
093500	2-SI-57-25 ELBOW TO BRANCH CONNECTION	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI - LIMITED COVERAGE (99%) DUE TO WELD SURFACE GEOMETRY OF BRANCH CONNECTION WELD. **3378030 (10-SS-140-1.0)**

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SAFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
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<u>LINE 2-SI-58 (FIG NO A-49)</u>								
096200	2-SI-58-15 PIPE TO ELBOW	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378030 (10-SS-140-1.0)**
<u>LINE 2-SI-77 (FIG NO A-49)</u>								
097300	2-SI-77-03 PIPE TO ELBOW	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378028 (6-SS-160-.71)**
<u>LINE 2-SI-59 (FIG NO A-50)</u>								
099100	2-SI-59-12 PIPE TO ELBOW	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378030 (10-SS-140-1.0)**
100100	2-SI-59-22 TEE TO PIPE	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI240-36	X X X	- - -	- - -	FTI **3378030 (10-SS-140-1.0)**
<u>LINE 2-SI-60 (FIG NO A-51)</u>								
101600	2-SI-60-03 PIPE TO ELBOW	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378029 (8-SS-140-.81)**
102300	2-SI-60-10 REDUCER TO PIPE	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378028 (6-SS-160-.71)**

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SAFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS
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<u>LINE 2-SI-60 (FIG NO A-52)</u>								
103266	2-SI-60-21 ELBOW TO PIPE	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378028 (6-SS-160-.71)**
104300	2-SI-60-32 ELBOW TO BRANCH CONNECTION	B-J B9.11	UT45 UT45T UT70 PT	54-ISI-121-1 54-ISI-240-36	X X X X	- - - -	- - - -	FTI **3378028 (6-SS-160-.71)**
<u>LINE 2-SI-61 (FIG NO A-53)</u>								
105400	2-SI-61-10 ELBOW TO PIPE	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378028 (6-SS-160-.71)**
<u>LINE 2-SI-62 (FIG NO A-54)</u>								
107100	2-SI-62-03 PIPE TO ELBOW	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378029 (8-SS-140-.81)**
<u>LINE 2-SI-66 (FIG NO A-57)</u>								
112207	2-SI-66-07S REDUCER TO PIPE	B-J B9.21	PT	12QHP505ONDE001	X	-	-	J.O. C38011-06
112208	2-SI-66-08S PIPE TO ELBOW	B-J B9.21	PT	12QHP505ONDE001	X	-	-	J.O. C38011-06

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 CLASS 1 COMPLETED COMPONENTS

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
					-	-	-	
<u>LINE 2-SI-566 (FIG NO A-62)</u>								
112400	2-SI-566-02 PIPE TO VALVE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
114300	2-SI-566-18 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
114800	2-SI-566-22 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
114900	2-SI-566-23 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-SI-567 (FIG NO A-63)</u>								
115003	2-SI-567-33F REDUCER TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
115006	2-SI-567-34S PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-SI-567 (FIG NO A-65)</u>								
115500	2-SI-567-04 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06

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SAFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
					-	-	-	
<u>LINE 2-SI-567 (FIG NO A-65)</u>								
116400	2-SI-567-12 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
118600	2-SI-567-31 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-SI-568 (FIG NO A-67)</u>								
120100	2-SI-568-11 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
122400	2-SI-568-30 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
122500	2-SI-568-31 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
122600	2-SI-568-32 PIPE TO BRANCH CONNECTION	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-SI-569 (FIG NO A-69)</u>								
123400	2-SI-569-07 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06

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CHEMICAL AND VOLUME CONTROL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O			REMARKS
					R E H	E O E	C M R	
-----					-	-	-	-----
<u>LINE 2-CS-119 (FIG NO A-70)</u>								
128800	2-CS-119-06 PIPE TO VALVE	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
129200	2-CS-119-08 PIPE TO PIPE	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-CS-119 (FIG NO A-71)</u>								
129900	2-CS-119-15 PIPE TO PIPE	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-CS-120 (FIG NO A-72)</u>								
135000	2-CS-120-04 PIPE TO ELBOW	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
135100	2-CS-120-05 ELBOW TO PIPE	B-J B9.21	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
<u>LINE 2-CS-687 (FIG NO A-74)</u>								
138400	2-CS-687-10 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
138700	2-CS-687-13 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06

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COOK NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 1 COMPLETED COMPONENTS

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RESIDUAL HEAT REMOVAL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS

<u>LINE 2-RH-31 (FIG NO A-75)</u>								
148000	2-RH-31-01 VALVE TO PIPE	B-J B9.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378029 (8-SS-140-.81)**
<u>LINE 2-RH-33 (FIG NO A-77)</u>								
149250	2-RH-33-05-PL 1 AND 2 PIPE LUG	B-K-1 B10.10	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
149800	2-RH-33-11 PIPE TO PIPE	B-J B9.11	UT45 UT45T UT60 PT	54-ISI-121-1 54-ISI-240-36	- X - X	X - X -	- - - -	FTI - LIMIT COVERAGE (97%) DUE TO PIPE LUG INTERFERENCE. **3378032 (14-SS-160-1.40)**

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COOK NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 1 COMPLETED COMPONENTS

WASTE DISPOSAL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
<hr/>								
LINE 2-WD-820 (FIG NO A-78)								
151000	2-WD-820-02 PIPE TO VALVE	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06
LINE 2-WD-822 (FIG NO A-80)								
151800	2-WD-822-02 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	-	J.O. C38011-06

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VALVE PRESSURE RETAINING BOLTING (2" AND LESS)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
					-	-	-	
<u>LINE 2-RC-25 (FIG NO A-23)</u>								
220000	SV-45C FLANGE BOLTING	B-G-2 B7.70	VT-1	12QHP5050NDE006	X	-	-	J.O. C38011-06
<u>LINE 2-RC-27 (FIG NO A-25)</u>								
220200	SV-45A FLANGE BOLTING	B-G-2 B7.70	VT-1	12QHP5050NDE006	X	-	-	J.O. C38011-06
<u>LINE 2-SI-56 (FIG NO A-47)</u>								
220250	SI-161-L1 FLANGE BOLTING	B-G-2 B7.70	VT-1	12QHP5050NDE006	X	-	-	J.O. C38011-06
<u>LINE 2-SI-60 (FIG NO A-51)</u>								
221400	IMO-315 FLANGE BOLTING	B-G-2 B7.70	VT-1	12QHP5050NDE006	X	-	-	J.O. C38011-06
<u>LINE 2-RH-31 (FIG NO A-75)</u>								
222200	RH-134 FLANGE BOLTING	B-G-2 B7.70	VT-1	12QHP5050NDE006	X	-	-	J.O. C38011-06

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COOK NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 2 COMPLETED COMPONENTS

REGENERATIVE HEAT EXCHANGER (FIGURE B-5)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS
					-	-	-	
<u>CIRCUMFERENTIAL WELDS</u>								
300440	RHE-2-02	C-A	UT45	54-ISI-123-2	-	X	-	FTI - LIMITED COVERAGE (95%) DUE TO NOZZLE INTERFERENCE.
	CAP TO SHELL	C1.20	UT45		X	-	-	**9.625-CCSS-X-1.0-2-DCC**
300450	RHE-2-03	C-A	UT45	54-ISI-123-2	X	-	-	FTI - LIMITED COVERAGE (73%) DUE TO INTERFERENCE WITH SUPPORT AND LUGS.
	SHELL TO TUBE SHEET	C1.30	UT45T		X	-	-	**9.625-CCSS-X-1.0-2-DCC**
300540	RHE-2-25	C-A	UT45	54-ISI-123-2	X	-	-	FTI - LIMITED COVERAGE (40%) DUE TO INTERFERENCE WITH SUPPORT AND NOZZLES.
	TUBE SHEET TO SHELL	C1.30	UT45T		X	-	-	**9.625-CCSS-X-1.0-2-DCC**
300550	RHE-2-28	C-A	UT45	54-ISI-123-2	X	-	-	FTI
	SHELL TO CAP	C1.20	UT45T		X	-	-	**9.625-CCSS-X-1.0-2-DCC**

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COOK NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
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 CLASS 2 COMPLETED COMPONENTS

CHEMICAL AND VOLUME CONTROL TANK (FIGURE B-6)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS
					-	-	-	
<u>CIRCUMFERENTIAL WELDS</u>								
300630	2-CVCT-2	C-A	UT45	54-ISI-124-1	X	-	-	FTI - LIMITED COVERAGE (82%) DUE TO INTERFERENCE OF WELDED SUPPORT PLATES.
	SHELL TO LOWER HEAD	C1.20	UT45T		X	-	-	

PL-.312-SS-23R-DCC

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 CLASS 2 COMPLETED COMPONENTS

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RHR HEAT EXCHANGER EAST (FIGURE B-9)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS
					-	-	-	
<u>INTEGRALLY WELDED VESSEL SUPPORTS</u>								
300740	E-RHRHEX-1VS VESSEL SUPPORT	C-C C3.10	PT	12QHP5050NDE001	X	-	-	J.O. C38432-07 - LIMITED COVERAGE (85%) DUE TO CONCRETE SUPPORT STRUCTURE.

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COOK NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
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 CLASS 2 COMPLETED COMPONENTS

BORON INJECTION TANK

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS
					-	-	-	
<u>BORON INJECTION TANK (FIG NO B-11)</u>								
300940	2-BIT-MB MANWAY BOLTING (STUD 1 - 16)	C-D C4.10	UT	54-ISI-127-01	X	-	-	FTI **BIT-TK-STUD-51DCC**

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COOLING CLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 2 COMPLETED COMPONENTS

EMERGENCY CORE COOLING SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T			REMARKS
					R	E	H	
					E	O	E	**CALIBRATION BLOCK**
-----					C	M	R	-----
<u>LINE 2-SI-7 (FIG NO B-12)</u>								
310150	2-SI-7-15S ELBOW TO PIPE	C-F-1 C5.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	- X X	X - -	- - -	FTI **14-SS-40-.438-30-DCC**
310400	2-SI-7-39F TEE TO VALVE	C-F-1 C5.11	UT45 UT45T UT70 PT	54-ISI-121-1 54-ISI-240-36	X X X X	- - - -	- - - -	FTI **12-SS-40-.406-29-DCC**
<u>LINE 2-SI-8 (FIG NO B-13)</u>								
310570	2-SI-8-14S ELBOW TO PIPE	C-F-1 C5.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **14-SS-40-.438-30-DCC**
310790	2-SI-8-36F VALVE TO ELBOW	C-F-1 C5.11	UT45 UT45T UT70 PT	54-ISI-121-1 54-ISI-240-36	X X X X	- - - -	- - - -	FTI **12-SS-40-.406-29-DCC**
<u>LINE 2-SI-9 (FIG NO B-14)</u>								
310970	2-SI-9-11F ELBOW TO PIPE	C-F-1 C5.11	UT45 UT45T UT60 UT70 PT	54-ISI-121-1 54-ISI-240-36	- X X X X	X - - - -	- - - -	FTI **14-SS-40-.438-30-DCC**
<u>LINE 2-SI-56 (FIG NO B-15)</u>								
311180	2-SI-56-08F VALVE TO PIPE	C-F-1 C5.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378030 (10-SS-140-1.0)**

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COOK NUCLEAR PLANT UNIT 2
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 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 2 COMPLETED COMPONENTS

EMERGENCY CORE COOLING SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
<u>LINE 2-SI-62 (FIG NO B-21)</u>								
312040	2-SI-62-12F ELBOW TO PIPE	C-F-1 C5.11	UT45 UT45T UT60 UT70 PT	54-ISI-121-1 54-ISI-240-36	X X X X X	- - - - -	- - - - -	FTI **3378029 (8-SS-140-.81)**
<u>LINE 2-SI-62 (FIG NO B-22)</u>								
312130	2-SI-62-21S ELBOW TO PIPE	C-F-1 C5.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378029 (8-SS-140-.81)**
312160	2-SI-62-24S PIPE TO ELBOW	C-F-1 C5.11	UT45 UT45T UT60 PT	54-ISI-121-1 54-ISI-240-36	X X X X	- - - -	- - - -	FTI **3378029 (8-SS-140-.81)**
312170	2-SI-62-25S ELBOW TO PIPE	C-F-1 C5.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378029 (8-SS-140-.81)**
<u>LINE 2-SI-77 (FIG NO B-24)</u>								
312590	2-SI-77-15F PIPE TO VALVE	C-F-1 C5.11	UT45 UT45T UT70 PT	54-ISI-121-1 54-ISI-240-36	X X X -	- - - -	- - - X	FTI - PT INDICATIONS WERE EXAMINED BY THE VOLUMETRIC (UT) METHOD IN ACCORDANCE WITH IWB-3514.1. UT EXAMINATION SHOWED NO RECORDABLE INDICATIONS. **3378028 (6-SS-160-.71)**

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COOK NUCLEAR PLANT UNIT 2
INSERVICE INSPECTION SUMMARY
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CLASS 2 COMPLETED COMPONENTS

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LINE 2-SI-78 (FIG NO B-25)

312690	2-SI-78-10F	C-F-1	UT45	54-ISI-121-1	-	X	-	FTI
	ELBOW TO PIPE	C5.11	UT45T		X	-	-	
			UT60		-	X	-	
			UT70		-	X	-	
			PT	54-ISI-240-36	X	-	-	**3378028 (6-SS-160-.71)**

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COOK JCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 2 COMPLETED COMPONENTS

EMERGENCY CORE COOLING SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T			REMARKS
					E	O	R	

<u>LINE 2-SI-78 (FIG NO B-25)</u>								
312700	2-SI-78-11F PIPE TO ELBOW	C-F-1 C5.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378028 (6-SS-160-.71)**
<u>LINE 2-RH-15 (FIG NO B-29)</u>								
313650	2-RH-15-32F ELBOW TO NOZZLE	C-F-1 C5.11	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **14-SS-40-.438-30-DCC**
<u>LINE 2-RH-20 (FIG NO B-34)</u>								
314920	2-RH-20-16S PIPE TO ELBOW	C-F-1 C5.11	UT45 UT45T UT60 PT	54-ISI-121-1 54-ISI-240-36	X X X X	- - - -	- - - -	FTI **3378029 (8-SS-140-.81)**
315010	2-RH-20-25F PIPE TO ELBOW	C-F-1 C5.11	UT45 UT45T UT60 PT	54-ISI-121-1 54-ISI-240-36	X X - X	- - X -	- - - -	FTI **3378029 (8-SS-140-.81)**
315020	2-RH-20-26S ELBOW TO PIPE	C-F-1 C5.11	UT45 UT45T UT60 PT	54-ISI-121-1 54-ISI-240-36	X X - X	- - X -	- - - -	FTI **3378029 (8-SS-140-.81)**

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COOK NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
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 CLASS 2 COMPLETED COMPONENTS

CONTAINMENT SPRAY SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T R E H E O E C M R			REMARKS
-----								**CALIBRATION BLOCK**

<u>LINE 2-CTS-12 (FIG NO B-48)</u>								
317090	2-CTS-12-02F PIPE TO VALVE	C-F C5.11	UT45 UT45T UT70 PT	54-ISI-121-1 54-ISI-240-36	X X - X	- - X -	- - - -	FTI **8-SS-40-.322-17-DCC**

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COOK NUCLEAR PLANT UNIT 2
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 CLASS 2 COMPLETED COMPONENTS

FEEDWATER SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS
					-	-	-	
<u>LINE 2-FW-71 (FIG NO B-53)</u>								
318380	2-FW-71-04S	C-F-2	UT45	54-ISI-124-1	-	X	-	FTI - AN MT INDICATION WAS EXAMINED BY THE VOLUMETRIC (UT) METHOD PER IWB-3514.2. IT WAS NOT RECORDABLE BY THE UT METHOD. THERE WAS ONE CODE ALLOWABLE UT INDICATION. **14-CS-80-.750-12-DCC**
	PIPE TO ELBOW	C5.51	UT45T UT60		-	X	X	
			MT	54-ISI-270-35	X	-	-	
<u>LINE 2-FW-74 (FIG NO B-56)</u>								
319300	2-FW-74-11S	C-F-2	UT45	54-ISI-124-1	X	-	-	FTI **14-CS-80-.750-12-DCC**
	PIPE TO REDUCER	C5.51	UT45T		X	-	-	
			MT	54-ISI-270-35	X	-	-	
<u>LINE 2-FW-78 (FIG NO B-60)</u>								
319810	2-FW-78-04S	C-F-2	UT45	54-ISI-124-1	X	-	-	FTI **6-CS-80-.432-13-DCC**
	FLANGE TO PIPE	C5.51	UT45T		X	-	-	
			UT60		-	X	-	
			MT	54-ISI-270-35	X	-	-	
<u>LINE 2-FW-79 (FIG NO B-61)</u>								
319950	2-FW-79-01S	C-F-2	UT45	54-ISI-124-1	X	-	-	FTI **6-CS-80-.432-13-DCC**
	CAP TO TEE	C5.51	UT45T		X	-	-	
			MT	54-ISI-270-35	X	-	-	

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COOK NUCLEAR PLANT UNIT 2
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 CLASS 2 COMPLETED COMPONENTS

MAIN STEAM SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T			REMARKS
					E	O	E	
					C	M	R	**CALIBRATION BLOCK**
<u>LINE 2-MS-90 (FIG NO B-65)</u>								
320650	2-MS-90-02F PIPE TO PIPE	C-F-2 C5.51	UT45 UT45T MT	54-ISI-124-1 54-ISI-270-35	- X X	X - -	- - -	FTI **30-CS-X-1.00-38-DCC**
320693	2-MS-90-06S-PS 1 AND 2 PIPE SUPPORT	C-C C3.20	MT	12QHP5050NDE002	X	-	-	J.O. C38432-07 - LIMITED COVERAGE (94%) DUE TO STRUCTURAL INTERFERENCE.
<u>LINE 2-MS-194 (FIG NO B-73)</u>								
322530	2-MS-194-04S ELBOW TO PIPE	C-F-2 C5.51	UT45 UT45T MT	54-ISI-124-1 54-ISI-270-35	X X X	- - -	- - -	FTI **6-CS-80-.432-13-DCC**
<u>LINE 2-MS-195 (FIG NO B-74)</u>								
322690	2-MS-195-06S PIPE TO ELBOW	C-F-2 C5.51	UT45 UT45T MT	54-ISI-124-1 54-ISI-270-35	X - X	- X -	- - -	FTI **6-CS-80-.432-13-DCC**

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 CLASS 2 COMPLETED COMPONENTS

EMERGENCY CORE COOLING SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O			REMARKS
					O	G	T	
					E	O	E	
					C	M	R	**CALIBRATION BLOCK**
<hr/>								
<u>LINE 2-SI-73 (FIG NO B-89)</u>								
330000	2-SI-73-01F NOZZLE TO ELBOW	C-F-1 C5.21H	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378028 (6-SS-160-.71)**

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 CLASS 2 COMPLETED COMPONENTS

CHEMICAL AND VOLUME CONTROL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS
<hr/>								
<u>LINE 2-CS-82 (FIG NO B-93)</u>								
332030	2-CS-82-04S ELBOW TO VALVE	C-F-1 C5.21H	UT45 UT45T UT60 PT	54-ISI-121-1 54-ISI-240-36	X X X X	- - - -	- - - -	FTI **3378026 (3-SS-160-.430)**
<u>LINE 2-CS-83 (FIG NO B-94)</u>								
333270	2-CS-83-28F PIPE TO TEE	C-F-1 C5.21H	UT45 UT45T UT60 PT	54-ISI-121-1 54-ISI-240-36	X X X X	- - - -	- - - -	FTI **3378026 (3-SS-160-.430)**
<u>LINE 2-CS-84 (FIG NO B-95)</u>								
334130	2-CS-84-14F VALVE TO ELBOW	C-F-1 C5.21H	UT45 UT45T UT60 PT	54-ISI-121-1 54-ISI-240-36	X X X X	- - - -	- - - -	FTI **3378027 (4-SS-120-.430)**
<u>LINE 2-CS-87 (FIG NO B-98)</u>								
337110	2-CS-87-12S ELBOW TO PIPE	C-F-1 C5.21H	UT45 UT45T PT	54-ISI-121-1 54-ISI-240-36	X X X	- - -	- - -	FTI **3378026 (3-SS-160-.430)**

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CLASS 1 COMPLETED COMPONENTS

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REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T E O E C M R	REMARKS
<hr/>						
<u>LINE 2-RC-519 (FIG NO A-45)</u>						
605600	2-GRC-R-569 PIPE SUPPORT COMPONENT	F-A F1.10WA	VT-3	12QHP5050NDE006	- - X	J.O. C38011-06 - DESIGN/AS-FOUND DISCREPANCY. EVALUATION REVEALED SUPPORT MET OPERABILITY LIMITS AND NO REPAIR WAS REQUIRED.

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COOK NUCLEAR PLANT UNIT 2
INSERVICE INSPECTION SUMMARY
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CLASS 1 COMPLETED COMPONENTS

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CHEMICAL AND VOLUME CONTROL SYSTEM

SUMMARY EXAMINATION AREA	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	REMARKS NUMBER IDENTIFICATION **CALIBRATION BLOCK**
<u>LINE 2-CS-687 (FIG NO A-74)</u>							
609255 2-GCS-R-507 PIPE SUPPORT COMPONENT	F-A F1.10WA	VT-3	12QHP5050NDE006	X	-	-	J.O. C38011-06

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COOK NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 2 COMPLETED COMPONENTS

CHEMICAL AND VOLUME CONTROL TANK (FIGURE B-6)

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
				-	-	-	
<u>SUPPORT COMPONENT</u>							
700070 2-CVCT-SC-1	F-A F1.40	VT-3	12QHP5050NDE006	X	-	-	J.O. C38432-18

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COOK NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 2 COMPLETED COMPONENTS

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BORON INJECTION TANK (FIGURE B-11)

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS **CALIBRATION BLOCK**
				-	-	-	
<u>SUPPORT COMPONENT</u>							
700190 2-BIT-CS-1	F-A F1.40	VT-3	12QHP505ONDE006	X	-	-	J.O. C38432-18
700200 2-BIT-CS-2	F-A F1.40	VT-3	12QHP505ONDE006	X	-	-	J.O. C38432-18
700210 2-BIT-CS-3	F-A F1.40	VT-3	12QHP505ONDE006	X	-	-	J.O. C38432-18
700220 2-BIT-CS-4	F-A F1.40	VT-3	12QHP505ONDE006	X	-	-	J.O. C38432-18

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COOLING NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 2 COMPLETED COMPONENTS

EMERGENCY CORE COOLING SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T R E H E O E C M R	REMARKS
<u>LINE 2-SI-7 (FIG NO B-12)</u>						
710000	2-GSI-V-111	F-A	VT-3	12QHP5050NDE006	- - X	J.O. C38432-18 - COLD SETTING OUT OF PIPE SUPPORT COMPONENT F1.20WC TOLERANCE. PIPE SUPPORT MET OPERABILITY LIMITS WITH AS-FOUND SETTING WITHIN WORKING RANGE.
<u>LINE 2-SI-62 (FIG NO B-21)</u>						
711610	2-GSI-R-555 PIPE SUPPORT COMPONENT	F-A F1.20A	VT-3	12QHP5050NDE006	- - X	J.O. C38011-06 - DESIGN/AS-FOUND DISCREPANCY. EVALUATION REVEALED SUPPORT MET OPERABILITY LIMITS AND NO REPAIRS ARE REQUIRED.
<u>LINE 2-RH-17 (FIG NO B-31)</u>						
713420	2-GRH-L-802 PIPE SUPPORT COMPONENT	F-A F1.20WA	VT-3	12QHP5050NDE006	X - -	J.O. C38432-18
<u>LINE 2-RH-20 (FIG NO B-34)</u>						
714435	2-GRH-R-33 PIPE SUPPORT COMPONENT	F-A F1.20WA	VT-3	12QHP5050NDE006	X - -	J.O. C38432-18
<u>LINE 2-RH-31 (FIG NO B-39)</u>						
715300	2-GRH-R-508 PIPE SUPPORT COMPONENT	F-A F1.20WB	VT-3	12QHP5050NDE006	X - -	J.O. C38011-06

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COOR JCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 2 COMPLETED COMPONENTS

CONTAINMENT SPRAY SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O			REMARKS
					E	O	R	
					C	M	R	**CALIBRATION BLOCK**
<hr/>								
<u>LINE 2-CTS-10 (FIG NO B-46)</u>								
715590	2-GCTS-R-2 PIPE SUPPORT COMPONENT	F-A F1.20WA	VT-3	12QHP5050NDE006	X	-	-	J.O. C38432-18
<u>LINE 2-CTS-15 (FIG NO B-51)</u>								
716850	2-GCTS-R-22 PIPE SUPPORT COMPONENT	F-A F1.20B	VT-3	12QHP5050NDE006	X	-	-	J.O. C38432-18

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COOK NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 2 COMPLETED COMPONENTS

FEEDWATER SYSTEM

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T R E H E O E C M R			REMARKS	
<hr/>								
<u>LINE 2-FW-70 (FIG NO B-52)</u>								
750100	2-GFW-L-867 PIPE RESTRAINT COMPONENT	F-A F1.20WA	VT-3	12QHP5050NDE006	X	-	-	J.O. C38432-18 **CALIBRATION BLOCK**

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COOK NUCLEAR PLANT UNIT 2
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, FIRST PERIOD, FIRST OUTAGE (97RF)
 CLASS 2 COMPLETED COMPONENTS

MAIN STEAM SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY	EXAM METHOD	PROCEDURE	N O T O G T R E H E O E C M R			REMARKS
					-	-	-	
<u>MAIN STEAM ISOLATION VALVE-LINE 2-MS-96 (FIG NO B-71,B-78)</u>								
762000	MSIV-MRV-240-S1 VALVE SUPPORT COMPONENT	F-A F1.40WA	VT-3	12QHP5050NDE006	X	-	-	J.O. C38432-18

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INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, UNIT 2
BRIDGMAN, MI.
COMMERCIAL SERVICE DATE 7-1-1978

SECTION 4

ABSTRACT OF SYSTEM PRESSURE TESTS RESULTS

Inservice Inspection System Pressure Tests were performed during the period May 10, 1996 to June 22, 2000. These tests were performed in accordance with the requirements of ASME Section XI, 1989 and 1992 Editions, Articles IWA-5000, IWB-5000, IWC-5000, IWD-5000 and Code Case N-416-1, as applicable.

Pressure tests for portions of systems identified below were performed during this outage. The Reactor Coolant System, System Leakage Test was completed prior to reactor criticality at nominal operating pressure and temperature corresponding to 100% rated reactor power. No pressure boundary, through-wall leaks were identified.

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

INDIANA MICHIGAN POWER COMPANY
 COOK NUCLEAR PLANT, BRIDGMAN,, MI.
 UNIT 2 COMMERCIAL SERVICE DATE 7-1-1978

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.	Test Date	Job Order No.	Results
2-GRC-S562	10/20/97	R-37640	Acceptable
2-GRC-S564	10/20/97	R-37640	Acceptable
2-GCTS-S114-N	7/31/97	R-35400	Acceptable
2-GCTS-S114-S	7/31/97	R-35400	Acceptable
2-AFW-S4023	10/21/97	R-37639	Acceptable
2-AFW-S4036-L	10/21/97	R-37639	Acceptable
2-AFW-S4036-U	10/21/97	R-37639	Acceptable
2-AFW-S4035	10/21/97	R-37639	Acceptable
2-AFW-S4033	10/21/97	R-37639	Acceptable
2-AFW-S4024-L	10/21/97	R-37639	Acceptable
2-AFW-S4024-U	10/21/97	R-37639	Acceptable
2-AFW-S4021	10/21/97	R-37639	Acceptable
2-AFW-S4028-L	10/21/97	R-37639	Acceptable
2-AFW-S4028-U	10/21/97	R-37639	Acceptable
2-AFW-S4027	10/21/97	R-37639	Acceptable
2-AFW-S4025	10/21/97	R-37639	Acceptable
2-AFW-S4031	10/21/97	R-37639	Acceptable
2-AFW-S4032-L	10/21/97	R-37639	Acceptable
2-AFW-S4032-U	10/21/97	R-37639	Acceptable
2-AFW-S4029	10/21/97	R-37639	Acceptable
2-OME-3-3-HSD-1L	10/20/97	R-36537	Acceptable
2-OME-3-3-HSD-1U	10/20/97	R-36537	Acceptable
2-OME-3-3-HSD-3L	10/20/97	R-36537	Acceptable
2-OME-3-3-HSD-3U	10/20/97	R-36537	Acceptable

INDIANA MICHIGAN POWER COMPANY
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BRIDGMAN, MI.
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Snubber Functional Tests

Snubber No.	Test Date	Job Order No.	Results	Remarks
2-AFW-S4021	11/10/97	R66298	Pass	1 st 14% sample
2-AFW-S4033	10/28/97	R23861	Pass	1 st 14% sample
2-AFW-S4035	10/28/97	R66302	Pass	1 st 14% sample
2-GCTS-S114-N	11/12/97	R68388	Pass	1 st 14% sample
2-GCTS-S116-E	10/29/97	R66457	Pass	1 st 14% sample
2-GCTS-S116-W	10/29/97	R66461	Pass	1 st 14% sample
2-GRC-S575	11/6/97	R58669	Pass	1 st 14% sample
2-GRC-S592	11/10/97	R66262	Pass	1 st 14% sample
2-GRC-S599	11/10/97	R24458	Pass	1 st 14% sample
2-GRC-S631	11/10/97	R66293	Pass	1 st 14% sample
2-GRH-S7	10/30/97	R66463	Pass	1 st 14% sample
2-OME-3-2-HSD-1L	10/23/97	R66503	Pass	1 st 14% sample
2-OME-3-2-HSD-3L	10/23/97	R66504	Pass	1 st 14% sample
2-OME-3-4-HSD-1L	10/25/97	R66502	Pass	1 st 14% sample
2-OME-3-1-HSD-3U	10/25/97	R58455	Pass	Retest due to failure in bleed rate last outage.
2-AFW-S4032-L	12/2/99	R5881	Pass	2 nd 14% sample
2-GBD-S563-U	2/23/00	R66420	Pass	2 nd 14% sample
2-GBD-S563-L	2/24/00	R66419	Pass	2 nd 14% sample
2-GBD-S569-U	3/30/00	R-58966	Pass	2 nd 14% sample
2-GCTS-S113-W	10/4/00	R14627	Pass	2 nd 14% sample
2-GCTS-S114-S	12/7/99	R68389	Pass	2 nd 14% sample
2-GRC-S538	10/8/99	R12531	Pass	2 nd 14% sample
2-GRC-S555	11/19/99	R36209	Pass	2 nd 14% sample
2-GRC-S629	12/8/99	R66418	Pass	2 nd 14% sample
2-GRC-S632	12/3/00	R12532	Pass	2 nd 14% sample
2-OME-3-4-HSD-1U	1/20/00	R85788	Pass	2 nd 14% sample
2-OME-3-1-HSD-3L	1/26/00	R94886	Pass	2 nd 14% sample
2-OME-3-2-HSD-1U	1/26/00	R94887	Pass	2 nd 14% sample
2-OME-3-1-HSD-1L	2/1/00	R94888	Pass	2 nd 14% sample

The minimum 14% Technical Specification required sample size consists of 9 small bore (Grinnell) and 3 large bore (Steam Generator) snubbers.

INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, UNIT 2
BRIDGMAN, MI.
COMMERCIAL SERVICE DATE 7-1-1978

SECTION 6

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

During the reporting period of May 10, 1996 to June 22, 2000, inservice inspections were performed on the Unit 2 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.

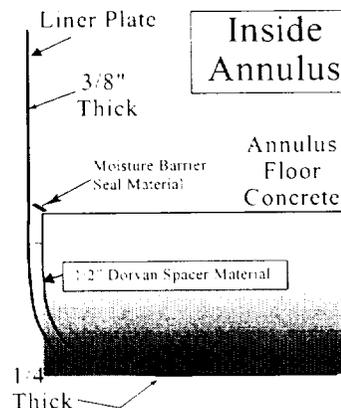
The following attachment provides a listing of the examinations performed, results, and corrective actions. A General Visual Examination was performed on all accessible surfaces of the Containment liner along with examinations performed in conjunction with coating repairs, and other repair/replacement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

- **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 taken in selected areas to determine remaining wall thickness. The thinnest liner area was determined to be greater than .25" in Unit 2 which is within the established acceptance criteria.



Unit 1 had more severe corrosion damage and required more investigation to determine extent of the liner corrosion. 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.

- **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. The remaining liner thickness was within acceptance standards.

- **Corrective Actions**

Since the remaining liner thickness was within the acceptance criteria, 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-98-011-02, 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.

LER 316/2000-001-00: Through-Liner Hole in the Containment Liner

- **Type of Degradation**

A through-liner hole was found in the Unit 2 Containment liner at approximately elevation 602' in the Annulus Area, at Azimuth 112 degrees. The hole is circular in

appearance with a diameter of approximately 3/16" on the exterior surface and 3/4" on the interior surface. It appeared that the interior surface was prepared for repair. After the affected liner plate area was cut out, the plate cut out with the hole and the area behind the plate cut out was examined with the conclusion that the hole was man-made. After the damaged liner plate section was cut out, a piece of wood was found embedded in the concrete. The piece of wood was determined to be a wire brush with a wooden handle. Some minor corrosion was noted on the concrete side of the liner plate in the area of the embedded wire brush.

- **Extent of Degradation**

The through-liner hole, as described above, is an isolated condition. A General Visual Examination was performed on the accessible portions of the liner and no other through-liner holes were identified. The embedded wood was found to be in the cover concrete outside of the outer-most layer of reinforcing steel. This condition is considered to be isolated.

- **Conditions That Led To The Degradation**

The through-liner hole and the embedded wood are considered to be construction-related conditions. It appears that the hole was inadvertently drilled during construction and the wire brush fell in the concrete during the original pour.

- **Evaluation**

A hole in the liner impacts the function of the liner to be a leak-tight membrane. The liner plate required repair. The embedded wood in the cover concrete does not impact the pressure retaining function of the concrete. However, the wire brush was removed to the extent allowed by the limited access and the concrete was repaired. Both the conditions were construction-related.

- **Corrective Actions**

A design change package was used to repair the liner plate and the concrete. The repairs were performed in accordance with ASME Section XI.

- **Areas Susceptible to Similar Degradation**

No other areas were identified as being susceptible to the described condition.

Prog. Owner: J.M. Fittler

Date: 5-24-00

NIS-1 Attachment Evaluation of IWE As-Found Condition Examination Results

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Date	Unit	Job Order Activity	Examination Area	Exam Method	Indications/Conditions that led to Degradation (if rejectable)	Disposition*/Corr. Actions
11/10/97	2	C42068-02	Elect. Pen. 2-IP7, 2-IP6, 2-4P8, 2-4P7, 2-3P8, 2-3P7, 2-2P6 & 2-2P5 and piping from penetrations to safety cage.	VT-3	surface rust	Accept
11/13/97	2	C42068-02	RCP Motor Lead Penetrations Inside Cage #1, 2, 3, 4	VT-3	Flaking, minor pitting, discoloration	Accept
11/24/97	2	C43018-03	Accumulators 1 & 4 Divider barrier steel (non-IWE), CPN-7 Large CPNs (Main Steam) and liner. (Ceiling-8' down)	VT-3	Delamination, nicks, scratches, chipping, divider barrier steel rusting	Accept
11/24/97	2	C43018-04	Accumulators 2 & 3 Divider barrier steel (non-IWE), Large FW CPNs and liner. (Ceiling-8' down)	VT-3	Delamination, nicks, scratches, chipping, divider barrier steel rusting	Accept
11/24/97	2	C43018-05	Floor to 2nd hor. weld channel between Col. 7 & 8, Penetration 2-CEP-IP1 & penetration below.	VT-3	Delaminations	Accept
11/24/97	2	C43018-05	Floor to 2nd hor. weld channel between Col. 21 & 23, Penetration CPN-6, 70, 77, 78, 79.	VT-3	Delamination, blistering, rust	Accept
11/25/97	2	C43018-05	CPN-29 & CPN-32	VT-3	surface rust, delamination.	Accept
12/30/97	2	C43018-08	EL. 725' to 750' (10 areas)	VT-3	Peeling, flaking, blistering	Accept
12/30/97	2	C43018-08	EL. 725' to 750' (6 areas)	VT-3	Peeling, delamination, discoloration	Accept
1/4/98	2	C43018-08	Spot 6" x 6" @ EL. 715 at platform above E ice door	VT-3	None	Accept
1/4/98	2	C43018-08	2 spots 4" x 4" @ EL. 725' above E ice condenser door & 2 supports (CTS) 30' W of these spots above 2-TK-23 at EL. 725'	VT-3	None	Accept
1/4/98	2	C43018-11	W side of equipment hatch from EL. 715' to 10' below Hyd. Recombiner platform.	VT-3	Rust w/no pitting, flaking	Accept
1/4/98	2	C43018-11	W side of equip. hatch on N wall from cranewall E to CTS piping, from EL. 652' to 10' below hyd. Recombiner platform.	VT-3	Rust w/no pitting, flaking, chipping, discoloration	Accept
1/5/98	2	C43018-11	6' out and down from W side of E ice condenser to 1st platform above CEQ Fan room.	VT-3	Flaking, peeling, blistering. Weld has discoloration, peeling, rust	Accept

* References: 1) Report No. NED-1999-00004, Revision 0, titled "ISI Acceptance Criteria for Containment Liner Thickness, Sargent and Lundy Report No. SL-5360, Rev. 0".

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Prog. Owner: J.M. Fitch

NIS-1 Attachment

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Evaluation of IWE As-Found Condition Examination Results

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Date	Unit	Job Order Activity	Examination Area	Exam Method	Indications/Conditions that led to Degradation (if rejectable)	Disposition*/ Corr. Actions
1/6/98	2	C43018-10	W CEQ Fan floor to 650' EL.	VT-3	Discoloration, flaking, peeling, delamination	Accept
1/6/98	2	C43018-11	Hanger @ EL. 714' to Liner between ice condenser doors.	VT-3	Discoloration, flaking, peeling, rust on welds	Accept
12/21/98	2	C47318-02	Curtain Support; Bays 1, 2, 3, 4, 5; as-found; from 8' above to 8" below support	VT-3	Rust, pitting 1/32"D, undercut 1/16"D, dents/gouges 1/32"	Accept See VT-1
12/21/98	2	C47318-02	Curtain Support; Bays 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18; as-found; EL. 715'-7.5" to 723'-7.5"	VT-3	Discoloration, rust, flaking, peeling	Accept See VT-1
1/6/99	2	C47318-02	Curtain Support; Bays 1 -12; 8" below	VT-1	Grinding 1/32"D or less; 3/32"D pit	Accept
1/6/99	2	C47318-03	Curtain Support; Bays 1 -12; in ground area	UT	.371" - .420" Thickness	Accept
1/18/99	2	C47318-02	Curtain Support; Bays 19 - 24; as-found	VT-3	Surface rust, peeling coating	Accept See VT-1
1/19/99	2	C47318-02	Curtain Support; Bays 13 - 21; 8" below	VT-1	Grinding 1/32"D or less	Accept
1/20/99	2	C47318-02	Curtain Support; Bays 22, 23, 24; 8" below	VT-1	Grinding/pits 1/32"D or less; arc strikes/undercut 1/32-1/16"D	Accept
1/20/99	2	C47318-03	Curtain Support; Bays 13 - 21; in ground area	UT	.378" - .400" Thickness	Accept
1/20/99	2	C47318-03	Curtain Support; Bays 22, 23, 24; in ground area	UT	.379" - .406" Thickness	Accept
7/26/99	2	C48942-11	CEQ Fan Room liner plate - 612' EL. From divider barrier seal to the concrete wall extending up to EL. 652'.	VT-3	Chipped paint, delamination, surface rust, flaking paint, minor pitting up to 1/16".	Accept
8/9/99	2	C44453-01	Liner plate and pipe penetrations east of divider barrier seal approx. 6' from EL. 652' up to approx. EL. 659'.	VT-3	Discoloration, peeling, chipping, rust with no detrimental liner degradation. Some cementitious matter noted.	Accept w/followup VT after cleaning
8/26/99	2	C50713-04	Liner plate EL. 598' 9 3/8" to EL. 599' 6 3/8" col. 13 - 14, 19 - 20, 26 - 27, 4 - 5.	VT-3	None	Accept

* References: 1) Report No. NED-1999-00004, Revision 0, titled "ISI Acceptance Criteria for Containment Liner Thickness, Sargent and Lundy Report No. SL-5360, Rev. 0".

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Prog. Owner: J.M. Fitch

NIS-1 Attachment

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Date: 5-24-00

Evaluation of IWE As-Found Condition Examination Results

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Date	Unit	Job Order Activity	Examination Area	Exam Method	Indications/Conditions that led to Degradation (if rejectable)	Disposition*/ Corr. Actions
8/31/99	2	C50798-20	Liner plate @ divider barrier seal east side of Ice Condenser El. 650' to 715'	VT-3	None	Accept
9/1/99	2	C50798-20	Liner plate @ divider barrier seal east side of Ice Condenser El. 650' to 637'	VT-3	None	Accept
9/1/99	2	C50798-20	Liner plate @ divider barrier seal west side of Ice Condenser El. 650' to 715'	VT-3	None	Accept
9/4/99	2	C50798-03	Containment liner on east end of Ice Condenser at the attachment point of the divider barrier steel and approx. 6" east, EL. 698' to 652'	VT-3	None. Some debris noted (see CR 99-22378).	Accept
9/5/99	2	C50798-03	Containment liner on east end of Ice Condenser at the attachment point of the divider barrier steel and approx. 6" east, EL. 637' to 652'	VT-3	None. Some debris noted (see CR 99-22378).	Accept
9/6/99	2	C50798-03	Containment liner on east end of Ice Condenser at the attachment point of the divider barrier steel and approx. 6" east, EL. 698' to 715'	VT-3	None. Some debris noted (see CR 99-22378).	Accept
9/7/99	2	C50798-20	Liner plate @ divider barrier seal west side of Ice Condenser El. 650' to 637'	VT-3	Slight discoloration, rust and slight pitting with no liner degradation noted.	Accept
9/7/99	2	C50798-03	Containment liner on west end of Ice Condenser at the attachment point of the divider barrier steel and approx. 6" east, EL. 637' to 715'	VT-3	None. Some debris noted (see CR 99-22378).	Accept
9/8/99	2	C50798-20	Liner plate 1' to 6' away from divider barrier seal east and west side of Ice Condenser EL. 637' to 715'	VT-3	Minor discoloration, paint chipping, slight rusting with no liner degradation noted.	Accept

*References: 1) Report No. NED-1999-00004, Revision 0, titled "ISI Acceptance Criteria for Containment Liner Thickness, Sargent and Lundy Report No. SL-5360, Rev. 0".

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Date	Unit	Job Order Activity	Examination Area	Exam Method	Indications/Conditions that led to Degradation (if rejectable)	Disposition*/ Corr. Actions
9/8/99	2	C50798-44	East side Ice Condenser divider barrier seal plate weld to liner plus approx. 4" out of liner from weld from Mark+5 EL. 657' to Mark+48 EL. 700'	VT-1	Slight immeasurable surface wastage noted along the liner from weld to approx. 1 to 2" of liner. No liner degradation noted.	Accept
9/9/99	2	C50798-44	West side of Ice Condenser divider barrier EL. 715' down to EL. 665' at barrier seal weld out 4". East side of Ice Condenser divider barrier EL. 700' up to EL. 715' at barrier seal weld out 4".	VT-1	Pitting up to 3/64" depth. Distortion noted and accepted in CR 99-22516.	Accept
9/9/99	2	C50798-44	East side of Ice Condenser divider barrier EL. 637' down to EL. 657' at barrier seal weld out 4".	VT-1	Slight immeasurable surface wastage noted along the liner from weld to approx. 3" out of liner. No liner degradation noted.	Accept
9/10/99	2	C50798-44	West side of Ice Condenser divider barrier EL. 665' down to EL. 637' at barrier seal weld out 4".	VT-1	Pitting up to 3/64" depth.	Accept
10/6/99	2	C50798-48	EL. 637' East side of Ice Condenser horizontal run divider barrier seal weld to liner. Exam included divider barrier weld to liner plus 12" down from Mark #7 thru Mark #2.	VT-3	None	Accept
10/8/99	2	C50798-49	Liner Plate after seal removal horizontal section from AZ 67 to approx. AZ 54 at EL. 637' up approx. 12".	Limited VT-3	Discoloration and debris noted under CR 99-24909.	Accept
10/8/99	2	C50798-48	Liner Plate at EL. 637' for paint removal for horizontal divider barrier from BM. Mk #2 to vertical seal approx. 1' 2" long.	VT-3	None	Accept
10/10/99	2	C50798-49	Liner Plate after seal removal horizontal section seal to liner attachment from AZ 123 at EL. 637' approx. 14" in length.	VT-3	None. Some debris noted (see CR 99-22378).	Accept

*References: 1) Report No. NED-1999-00004, Revision 0, titled "ISI Acceptance Criteria for Containment Liner Thickness, Sargent and Lundy Report No. SL-5360, Rev. 0".

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Date	Unit	Job Order Activity	Examination Area	Exam Method	Indications/Conditions that led to Degradation (if rejectable)	Disposition*/Corr. Actions
10/10/99	2	C50798-48	Horizontal Section of barrier seal at 637' EL. at AZ 123 approx. 14" long extending out 1'	VT-3	Discoloration, peeling, delamination. No liner plate degradation noted.	Accept
10/11/99	2	C50798-48	Liner Plate at horizontal barrier seal west CEQ Fan Room EL. 637'	VT-1	None	Accept
10/11/99	2	C51509-01	1 sq. ft of liner area 1' to right of Col. 10, AZ 310 and 3' above Annulus floor. 1 sq. ft of liner 2' to right of Col. 20, AZ 190 and 3' above Annulus floor.	VT-3	Epoxy-like material noted on liner. No other acceptance standard items.	Accept w/followup VT after cleaning
10/12/99	2	C50798-44	Liner Plate at horizontal barrier seal west CEQ Fan Room EL. 637'	VT-1	None	Accept
10/12/99	2	C50798-44	Liner plate east side Ice Condenser @ EL. 637 Horizontal run Mark #7 thru Mark #1	VT-1	Slight surface wastage < 1/32" D	Accept
10/20/99	2	C51509-01	App. 1 sq./ft area 1 ft to right of column 10, AZ 310, 3 ft above Annulus floor, App. 1 sq./ft area 2 ft to right of column 20, AZ 190, 3 ft above Annulus floor	VT-3	Epoxy-like material noted on liner. No other acceptance standard items.	Accept w/followup VT after cleaning
10/22/99	2	C51509-01	App. 1 sq./ft area 1 ft to right of column 10, AZ 310, 3 ft above Annulus floor, App. 1 sq./ft area 2 ft to right of column 20, AZ 190, 3 ft above Annulus floor	VT-1	None	Accept
10/25/99	2	C43018-20	Liner plate from vert weld channel to the left of col. 13 to col. 14. Starting at 1st horiz weld channel off of the floor extending up 6.5'. Liner plate from col. 20 to col. 21 from 1st horiz channel to 2nd channel.	VT-3	Chipping, peeling, delamination, cementitious material	Accept
10/27/99	2	C43018-21	Elect. Pen. 2-CEP-115, 2-CEP-116	VT-3	Light rust, no pitting or degradation.	Accept

*References: 1) Report No. NED-1999-00004, Revision 0, titled "ISI Acceptance Criteria for Containment Liner Thickness, Sargent and Lundy Report No. SL-5360, Rev. 0".

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10/27/99	2	C48310-06	Ice Condenser Inspection Ports	General Visual	Epoxy for strain gages, discoloration	Accept - See 11/9/99 Visual
11/3/99	2	C48310-04	Liner Plate AZ 90 - 103, EL 598-9 3/8" to 610', 2-CPN-40, 2-CPN-42, 2-CPN-43, 2-CPN-35, 2-CPN-31, 2-CPN-14, 2-CPN-11, 2-CPN-34, 2-CPN-66	General Visual	Embedded foreign material, discoloration, light loose oxidation, peeling, blistering	Accept
11/8/99	2	C43018-20	Liner from Col. 20, left to weld channel, above EL 598' up app. 9.5'. CPNs 69, 75 & 82	VT-3	Cementitious material covering.	Accepted after cleaning-painting
11/9/99	2	C52965-02	2-PORT-01 after strain gage removal	VT-3	None	Accept
11/16/99	2	C48310-05	Liner plate in Regen. HX Room	General Visual	None	Accept
11/17/99	2	C48310-07	2-CPN-1	General Visual	Light discoloration from washdown	Accept
11/19/99	2	C53058-01	Attachment lug at AZ 95 EL. 721'	VT-3	None	Accept
11/19/99	2	C53058-02	Attachment lug at AZ 95 EL. 721' after paint removal for additional NDE	UT/VT-1	Up to 3/32" undercut	Accept
11/19/99	2	C53058-02	Attachment lug at AZ 95 EL. 721' after paint removal for additional NDE	MT	None	Accept
12/6/99	2	C50346-01	Liner at EL. 760', AZ 90	VT-3	Flaking	Accept
12/6/99	2	C48310-01	Accessible surfaces in Upper Cont. at EL. 757, 745, 715, 650, 612.	General Visual	Coating conditions, divots, drill start, weld spatter, undercut. See CR 99-28521, 28525, 28526, 28528, 28530.	Accept
12/28/99	2	C48948-05	Liner at AZ 112 - EL. 744', AZ 200 - EL. 744, AZ 220 - EL. 745, AZ 160 - EL. 762'	VT-3	Blistering	Accept
1/3/00	2	C48948-05	Liner at AZ 175 - EL. 762'	VT-3	Blistering	Accept

*References: 1) Report No. NED-1999-00004, Revision 0, titled "ISI Acceptance Criteria for Containment Liner Thickness, Sargent and Lundy Report No. SL-5360, Rev. 0".

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Date	Unit	Job Order Activity	Examination Area	Exam Method	Indications/Conditions that led to Degradation (if rejectable)	Disposition*/Corr. Actions
1/3/00	2	C43018-45	Liner plate and penetrating items; Col. 23 to Col. 27, EL. 598-9 3/8" up to 611'	VT-3	Foreign material, chipping, peeling, delaminations, discoloration, rust spot	See JOA C43018-44
1/4/00	2	C48948-05	Liner at AZ 180 - EL. 762'	VT-3	Blistering	Accept
1/6/00	2	C48942-05	6' x 6' at divider barrier seal at EL. 625', 15" x 15" EL 640' by 2-HV-CEQ-2	VT-3	Flaking, chipping	Accept
1/6/00	2	C48948-05	6' X 8' AZ 80 EL. 750', L-shaped area AZ 180 EL. 762', 8' x10' AZ 200 EL. 762', AZ 210 EL. 762'.	VT-3	Blistering, solvent pop, chipping	Accept
1/17/00	2	C43018-44	Liner Plate at AZ 112, EL. 602 3 7/8", behind Col. 26	VT-1	Hole in liner plate measures 7/16" deep, 7/32" x 5/32" circular hole. Hole was evaluated to be man-made. See CR 00-00850	LER 2000-01-00
1/17/00	2	C43018-44	Same	MT	No relevant indications	LER 2000-01-00
1/17/00	2	C43018-44	Same	UT	Thickness readings around hole: .270" - .406"	INFO
1/18/00	2	C43018-46	Same	UT	Thickness readings around hole: .289" - .406"	INFO
1/31/00	2	C48310-02	Accessible surfaces in Lower Cont. at EL. 612, 598.	General Visual	Coating conditions, discoloration, foreign material, oxidation, Liner hole. See CR 00-1257, 00-1262, 00-00850.	Accept with exception of liner hole. (LER 200-00100)
2/4/00	2	C48948-05	EL 757 platform support attachments	VT-3	Blistering, chipping, peeling, delaminations	Accept

*References: 1) Report No. NED-1999-00004, Revision 0, titled "ISI Acceptance Criteria for Containment Liner Thickness, Sargent and Lundy Report No. SL-5360, Rev. 0".

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Date	Unit	Job Order Activity	Examination Area	Exam Method	Indications/Conditions that led to Degradation (if rejectable)	Disposition*/Corr. Actions
2/11/00	2	C52225-04	Annular space @ EL. 612' floor slab	General Visual	None	Accept
2/12/00	2	C53106-01	2-CPN-34, 2-CPN-66	VT-3	Blistering, peeling	Accept
2/16/00	2	C54137-04	Zones: 2-612-13A, 2-612-14A, 2-612-15A	VT-3	Peeling, chipping, discoloration, some oxidation	Accept
2/16/00	2	C52225-06	Annular space @ EL. 612' floor slab, Col 15 to 16, Col 25 to 27.	General Visual	Discoloration, oxidation, no degradation.	Accept
2/22/00	2	C54568-10	Liner Plate at AZ 112, EL. 602 3 7/8", behind Col. 26	UT	Thickness readings around hole: .187" - .405"	INFO
2/23/00	2	C52225-08	Zones: 2-598-15 (partial), 2-598-14 & 16 (partial)	VT-3	Peeling, cementitious material, discoloration, oxidation, gouges 1/16" depth. (CR 00-3133)	Accept
3/5/00	2	C48948-05	AZ 80 @ EL. 745'	VT-3	Peeling, blistering, solvent pop.	Accept
3/8/00	2	C48948-05	AZ 305 - 317.5 @ EL. 757	VT-3	None	Accept
3/17/00	2	C54137-03	Zones: 2-598-27, 2-598-1	VT-3	Cementitious material, peeling, delamination, light discoloration/oxidation	Accept
3/25/00	2	C55469-11	Liner Plate at AZ 112, EL. 602 3 7/8", behind Col. 26	UT	Thickness readings of cutout/repair area: .321" to .406"	INFO
3/31/00	2	C54137-03	EL. 637' to 612', AZ 126 to 128	VT-3	Discoloration, oxidation, no degradation.	Accept
4/26/00	2	C54137-01	Zones: 2-650-2A, 2-650-2B	VT-3	Peeling, light discoloration.	Accept
4/27/00	2	C54137-01	Zones: 2-650-4, 2-612-25B, 2-612-25C	VT-3	Undercut 1/16" depth, Arc strike 3/64" depth, drill tip depression 5/64" dpeth	Accept

*References: 1) Report No. NED-1999-00004, Revision 0, titled "ISI Acceptance Criteria for Containment Liner Thickness, Sargent and Lundy Report No.. SL-5360, Rev. 0".

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Date	Unit	Job Order Activity	Examination Area	Exam Method	Indications/Conditions that led to Degradation (if rejectable)	Disposition*/Corr. Actions
5/3/00	2	C55469-09	Liner Plate Repair Area near Col. 26	VT-3	Scattered gouges, depressions with depths 1/32" to 3/32". (CR 00-6413)	Accept
5/20/00	2	R81238-06	Liner Plate behind divider barrier seal @ Zones 2-612-8 & 2-612-21	General Visual	None	Accept

*References: 1) Report No. NED-1999-00004, Revision 0, titled "ISI Acceptance Criteria for Containment Liner Thickness, Sargent and Lundy Report No. . . SL-5360, Rev. 0".

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INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, UNIT 2
BRIDGMAN, MI.
COMMERCIAL SERVICE DATE 7-1-1978

SECTION 7

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

Steam Generator Inspection and Tube Repair

An eddy current examination was performed of the Unit 2 steam generators in October of 1997. The following is a breakdown of the scope of the examination:

Examination Type	SG 21	SG 22	SG 23	SG 24
Bobbin Coil	1799	1796	1796	1799
Hot Leg Tube Sheet Rotating Coil	N/A	N/A	N/A	719

The bobbin coil examination was evaluated by both a primary analyst and computer data screening (CDS). The Cook Plant Site Specific Eddy Current Data Analyst Guidelines was used for this evaluation. All reported results from the primary and secondary (CDS) analysis were resolved. All personnel analyzing data passed a site specific performance demonstration exam and each was a Qualified Data Analyst (QDA).

The results of the examinations is as follows:

Steam Generator 21

There were three tubes with wear indications at support plated reported with the bobbin examination. The tube number support locations and depth of the wear is as follows:

Row	Column	Support	Depth
6	53	5 hot	6% OD
		6 hot	11% OD
6	54	4 hot	7% OD
		5 hot	4% OD
1	70	1 cold	28% OD

Tube 1-70 was conservatively plugged.

Steam Generator 22

All indications (primarily manufacturing burnish marks) were confirmed as identified during the 1988 pre-service examinations. No changes were noted.

Steam Generator 23

All indications (primarily manufacturing burnish marks) were confirmed as identified during the 1988 pre-service examinations. No changes were noted.

Steam Generator 24

There were four tubes with single volumetric indications reported during the rotating coil examination. These indications were believed to be the result of a loose part. The tubes with indications were removed from service by plugging. The tube number and locations of the indications are as follows:

Row	Column	Location
33	15	Tubesheet Hot + 0.49 inches
33	16	Tubesheet Hot + 0.05 inches
33	17	Tubesheet Hot + 0.84 inches
38	72	Tubesheet Hot + 0.07 inches

INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, UNIT 2
BRIDGMAN, MI.
COMMERCIAL SERVICE DATE 7-1-1978

SECTION 8

NIS-2 REPAIR AND REPLACEMENT INDEX

U2R97 Repairs and Replacements

Job Order	Description	Component	System	Code Class	Type
C0025255 09	2-RH-117 WELD REPAIR GASKET SEATING SURFACES	2-RH-117	RHR	2	Valve
C0025255 12	2-RH-117 WELD REPAIR GASKET SEATING SURFACES	2-RH-117	RHR	2	Valve
C0031618 01	REPLACE TRIM ASSEMBLY	2-IRV-300	CVCS	2	Valve
C0032761 01	2-GFW-S868, REBUILD. TEST AND REINSTALL SNUBBER	2-GFW-S868	FW	2	Snubber
C0035954 02	2-FW-132-4 REPLACE VALVE BY WELDING	2-FW-132-4	AFW	2	Valve
C0036017 02	2-RC-102-L4, DISASSEMBLE, REPACK AND REASSEMBLE	2-RC-102-L4	RCS	1	Valve
C0036209 04	2-NRV-152 REPAIR AND REPACK VALVE	2-NRV-152	RCS	1	Valve
C0036974 01	2-ILA-141-V1 REPACK VALVE TO REPAIR LEAKAGE	2-ILA-141-V1	SI	2	Valve
C0038748 02	INSTALL SHIMS PER MDS-603 ON SUPPORT 2-ACS-L850	2-ACS-L850	CVCS	2	Support
C0038818 10	INSTALL U2 ANNULUS SUPTS 2-GCS-S637 & 2-ACCW-R5313	2-GCS-R573	CVCS	2	Support
C0038818 12	MODIFY SUPTS:2-GSI-R559,575,578,590 &ASI-5300,5301	2-ASI-R5300	SI	1	Support
C0038818 12	MODIFY SUPTS:2-GSI-R559,575,578,590 &ASI-5300,5301	2-ASI-R5301	SI	1	Support
C0038818 12	MODIFY SUPTS:2-GSI-R559,575,578,590 &ASI-5300,5301	2-GSI-R559	SI	1	Support
C0038818 12	MODIFY SUPTS:2-GSI-R559,575,578,590 &ASI-5300,5301	2-GSI-R575	SI	1	Support
C0038818 12	MODIFY SUPTS:2-GSI-R559,575,578,590 &ASI-5300,5301	2-GSI-R590	SI	1	Support
C0038818 13	MODIFY ANULS SUPTS-2-GSI-R542,R552,R562,R633, R635	2-GSI-R633	SI	2	Support
C0038818 13	MODIFY ANULS SUPTS-2-GSI-R542,R552,R562,R633, R635	2-GSI-R562	SI	2	Support
C0038818 13	MODIFY ANULS SUPTS-2-GSI-R542,R552,R562,R633, R635	2-GSI-R552	SI	2	Support
C0038818 13	MODIFY ANULS SUPTS-2-GSI-R542,R552,R562,R633, R635	2-GSI-R542	SI	2	Support
C0038818 13	MODIFY ANULS SUPTS-2-GSI-R542,R552,R562,R633, R635	2-GSI-R635	SI	2	Support
C0038818 14	MODIFY ANNULUS SUPTS- 2-GSI-R568, R588, R589, R596	2-GSI-R568	SI	2	Support
C0038818 14	MODIFY ANNULUS SUPTS- 2-GSI-R568, R588, R589, R596	2-GSI-R588	SI	2	Support
C0038818 14	MODIFY ANNULUS SUPTS- 2-GSI-R568, R588, R589, R596	2-GSI-R589	SI	2	Support
C0038818 14	MODIFY ANNULUS SUPTS- 2-GSI-R568, R588, R589, R596	2-GSI-R596	SI	2	Support

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Order	Description	Component	System	Code Class	Type
C0038819 06	DCP47 INSTALL U2 ANNULUS SUPPORT 2-GCS-R515	2-GCS-R515	CVCS	1	Support
C0038819 09	MODIFY U2 ANNULUS SUPTS 2-GCS-R531, R622 & R631	2-GCS-R531	CVCS	2	Support
C0038819 09	MODIFY U2 ANNULUS SUPTS 2-GCS-R531, R622 & R631	2-GCS-R622	CVCS	2	Support
C0038819 09	MODIFY U2 ANNULUS SUPTS 2-GCS-R531, R622 & R631	2-GCS-R631	CVCS	2	Support
C0038820 08	2DCP47 MODIFY CONT. SUPPORTS 2-GSI-R700 & R705	2-GSI-R700	SI	1	Support
C0038820 08	2DCP47 MODIFY CONT. SUPPORTS 2-GSI-R700 & R705	2-GSI-R705	SI	1	Support
C0038820 11	MODIFY SUPTS 2-GCS-R502, R505 AND R511	2-GCS-R505	CVCS	1	Support
C0038820 11	MODIFY SUPTS 2-GCS-R502, R505 AND R511	2-GCS-R511	CVCS	1	Support
C0038820 12	MODIFY SUPTS 2-GRC-R534,ARC-R549,R4001,R5301&R5302	2-ARC-R4001	RCS	1	Support
C0038820 12	MODIFY SUPTS 2-GRC-R534,ARC-R549,R4001,R5301&R5302	2-ARC-R5302	RCS	1	Support
C0038820 12	MODIFY SUPTS 2-GRC-R534,ARC-R549,R4001,R5301&R5302	2-GRC-R534	RCS	1	Support
C0038820 13	MODIFY SUPTS 2-GRC-R502,ARC-V550,R552,R553 & R4000	2ARC-R4000	RCS	1	Support
C0038820 16	2DCP47 MODIFY U2 CONT SUPPORT 2-GCS-R761	2-GCS-R761	CVCS	2	Support
C0038911 01	2-GSI-L-816 REPAIR SUPPORT TO DESIGN CLEARANCE	2-GSI-L816	SI	2	Support
C0039250 01	MM300 INSTL GRINNELL CONFIG."A" KIT 2-GCTS-S114N	2-GCTS-S114N	CTS	2	Snubber
C0039506 01	INVESTAGATE AND REPAIR LOOSE ANCHOR ON 2-GRH-R820	2-GRH-R820	RHR	2	Support
C0040468 07	DCP116 MODIFY U2 AUX BLD LARGE BORE PIPE SUPPORTS	2-GSI-R806	SI	2	Support
C0040468 07	DCP116 MODIFY U2 AUX BLD LARGE BORE PIPE SUPPORTS	2-GSI-V829	SI	2	Support
C0040468 08	DCP116 MODIFY U2 AUX BLD LARGE BORE PIPE SUPPORTS	2-GSI-R803	SI	2	Support
C0040468 08	DCP116 MODIFY U2 AUX BLD LARGE BORE PIPE SUPPORTS	2-GSI-R809	SI	2	Support
C0040468 08	DCP116 MODIFY U2 AUX BLD LARGE BORE PIPE SUPPORTS	2-GSI-R813	SI	2	Support
C0040468 10	DCP116 MODIFY U2 AUX BLD LARGE BORE PIPE SUPPORTS	2-GSI-V839	SI	2	Support
C0040817 08	2-FW-138-1 INSTALL ANTI-ROTATION LUGS	2-FW-138-1	AFW	2	Valve
C0040830 02	REPAIR MANWAY BOLT HOLES AS REQUIRED (SEE DESC)	2-OME-3-2	RCS	1	Vessel
C0041096 02	2-FW-138-4 INSTALL ANTI-ROTATION LUGS	2-FW-138-4	AFW	2	Valve
C0041167 02	2-CS-430S DISASSEMBLE AND REPAIR	2-CS-430S	CVCS	2	Valve
C0041297 01	INSTALL SHIMS PER MDS-603 ON 2-AFW-L911	2-AFW-L911	AFW	2	Support

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Order	Description	Component	System	Code Class	Type
C0041349 01	INSTALL SHIMS PER MDS-603 ON 2-GFW-L216	2-GFW-L216	AFW	2	Support
C0041372 01	2-GFW-S873, REPLACE LOAD PIN ON SNUBBER	2-GFW-S873	AFW	2	Snubber
C0041678 01	REWORK CTS SUPPORTS	2-GCTS-R656	CTS	2	Support
C0041678 01	REWORK CTS SUPPORTS	2-GCTS-R672	CTS	2	Support
C0041678 01	REWORK CTS SUPPORTS	2-GCTS-R670	CTS	2	Support
C0041678 01	REWORK CTS SUPPORTS	2-GCTS-R658	CTS	2	Support
C0041678 01	REWORK CTS SUPPORTS	2-GCTS-R660	CTS	2	Support
C0041678 01	REWORK CTS SUPPORTS	2-GCTS-R666	CTS	2	Support
C0042239 02	2-CTS-105E REMOVE FLANGES & WELD INTO SYSTEM	2-CTS-105E	CTS	2	Valve
C0042299 02	2-GCS-R-35 REPLACE MISSING UNISTRUT BOLTS	2-GCS-R35	CVCS	2	Support
C0042380 01	DCP853 INSTALL PIPING AND SUPPORTS UP TO TIE-INS	2-SI-176	SI	2	Support
C0042380 01	DCP853 INSTALL PIPING AND SUPPORTS UP TO TIE-INS	2-SI-54	SI	2	Piping
C0042380 01	DCP853 INSTALL PIPING AND SUPPORTS UP TO TIE-INS	2-ASI-R921	SI	2	Support
C0042380 01	DCP853 INSTALL PIPING AND SUPPORTS UP TO TIE-INS	2-ASI-R5017	SI	2	Support
C0042380 01	DCP853 INSTALL PIPING AND SUPPORTS UP TO TIE-INS	2-SI-83	SI	2	Piping
C0042421 03	2-ICM-251 DISASSEMBLE TO REPAIR BONNET LEAK	2-ICM-251	SI	1	Valve
C0042791 02	2-FW-132-1 INSTALL ANTI-ROTATION LUGS	2-FW-132-1	AFW	2	Valve
C0043015 03	2-CCW-135 DISASSEMBLE, R/R PARTS AS REQUIRED	2-CCW-135	CCW	2	Valve
C0043016 06	CE-97-0212 2-CCM-459 REPLACE VALVE W/ HENRY PRATT	2-CCM-459	CCW	2	Valve
C0043876 01	2-RH-104W REPLACE BONNET GASKET AND STUDS	2-RH-104W	RHR	2	Valve
C0044024 03	2-IMO-220, INVESTIGATE AND REPAIR CAUSE FOR LEAKBY	2-IMO-220	CTS	2	Valve
C0044171 02	2-RC-112-L3 DISASSEMBLE AND REPACK VALVE	2-RC-112-L3	RCS	1	Valve
C0044254 03	CE-96-0205 2-IRV-311 INSTALL HD SEAL IN VALVE	2-IRV-311	RHR	2	Valve
C0044377 02	2-CTS-123W DISASSEMBLE, INSPECT, REPAIR IF REQ.	2-CTS-123W	CTS	2	Valve
C0044406 04	2-MRV-233 REPAIR LEAKBY	2-MRV-233	MS	2	Valve
C0044707 20	2-IMO-314 DISASSEMBLE TO REPAIR LEAKBY	2-IMO-314	RHR	2	Valve
C0044722 01	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ARH-R4001	RHR	2	Support

Order	Description	Component	System	Code Class	Type
C0044722 01	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ARH-R4002	RHR	2	Support
C0044722 07	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-GCTS-R63	CTS	2	Support
C0044722 09	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS(VESTIBULE)	2-GSI-R82	SI	2	Support
C0044722 09	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS(VESTIBULE)	2-GSI-R80	SI	2	Support
C0044722 10	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-GSI-R77	SI	2	Support
C0044722 12	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-GCS-R64	CVCS	2	Support
C0044722 12	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-GCS-R101	CVCS	2	Support
C0044722 15	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ACTS-R4000	CTS	2	Support
C0044722 15	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ACTS-R4001	CTS	2	Support
C0044722 15	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ACTS-R4006	CTS	2	Support
C0044722 15	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-GCTS-R65	CTS	2	Support
C0044722 16	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-GRH-R814	RHR	2	Support
C0044722 16	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ARH-R4007	RHR	2	Support
C0044722 16	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ARH-R4006	RHR	2	Support
C0044722 18	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ARH-R4011	RHR	2	Support
C0044722 18	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ARH-R4012	RHR	2	Support
C0044722 18	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ARH-R-4009	RHR	2	Support
C0044722 19	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-GRH-R815	RHR	2	Support
C0044722 19	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ARH-R4003	RHR	2	Support
C0044722 19	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ARH-R4004	RHR	2	Support
C0044722 19	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ARH-R4005	RHR	2	Support
C0044722 19	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ARH-R4008	RHR	2	Support
C0044722 30	DCP647 MODIFY U2 AUX BLD LARGE BORE PIPE SUPPORTS	2-GSI-R814	SI	2	Support
C0044722 30	DCP647 MODIFY U2 AUX BLD LARGE BORE PIPE SUPPORTS	2-GSI-R812	SI	2	Support
C0044722 30	DCP647 MODIFY U2 AUX BLD LARGE BORE PIPE SUPPORTS	2-GSI-R35	SI	2	Support
C0044722 30	DCP647 MODIFY U2 AUX BLD LARGE BORE PIPE SUPPORTS	2-GSI-R37	SI	2	Support
C0044722 38	DCP647 MODIFY (5) RHR LARGE BORE PIPE SUPPORTS	2-GRH-R19	RHR	2	Support

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Order	Description	Component	System	Code Class	Type
C0044722 38	DCP647 MODIFY (5) RHR LARGE BORE PIPE SUPPORTS	2-GRH-R2	RHR	2	Support
C0044722 38	DCP647 MODIFY (5) RHR LARGE BORE PIPE SUPPORTS	2-GRH-R820	RHR	2	Support
C0044722 38	DCP647 MODIFY (5) RHR LARGE BORE PIPE SUPPORTS	2-GRH-V813	RHR	2	Support
C0044722 39	DCP647 MODIFY LARGE BORE PIPE SUPT	2-GCTS-L59	CTS	2	Support
C0044722 44	DCP647 INSTALL 8" X 24" SPLIT REINFORCEMENT SADDLE	2-SI-6	SI	2	Support
C0044722 45	DCP647 INSTALL 3" X 14" SPLIT REINFORCEMENT SADDLE	2-SI-6	SI	2	Support
C0045628 29	REPLACE SUPPORT 2-ACTS-R7A	2-ACTS-R7A	CTS	2	Support
C0045762 03	2-SI-161-L3 REPAIR SURFACE INDICATIONS	2-SI-161-L3	SI	1	Valve
C0046486 01	2-CS-300E DISASSEMBLE & REPACK	2-CS-300E	CVCS	2	Valve
C0046710 01	2-HE-18W REMOVE/REPLACE FASTENERS & PLATE	2-HE-18W	CTS	2	Vessel
C0047314 01	2-IRV-300 REWORK VALVE TO SOLVE INTERNAL LEAK-BY	2-IRV-300	RHR	2	Valve
C0047442 01	DISASSEMBLE/INSPECT 2-QRV-251 INTERNALS FOR DAMAGE	2-QRV-251	CVCS	2	Valve
C0047453 02	2-QRV-200 DISASSEMBLE/INSPECT FOR SEAT DAMAGE	2-QRV-200	CVCS	2	Valve
C0047470 02	INSTALL HEAVY DUTY SEAL IN 2-IRV-320	2-IRV-320	RHR	2	Valve
C0047727 01	2-RC-103-L4, DISASSEMBLE, REPAIR AND REPACK VALVE	2-RC-103-L4	RCS	1	Valve
C0048166 07	DCP-440 INSTALL CHANNEL HEAD	2-HE-18E	CTS	2	Vessel
C0048167 07	DCP-440 INSTALL CHANNEL HEAD	2-HE-18W	CTS	2	Vessel
C0048198 02	2-MS-135-1, 2" VOGT, REPLACE PACKING W/ CHESTERSON	2-MS-135-1	MS	2	Valve
C0048616 01	2-GRH-L809 CORRECT EXCESSIVE GAP ON PIPE SUPPORT	2-GRH-L809	RHR	2	Support
C0048719 04	DCP-269 REPLACE VALVE 2-CS-534	2-CS-534	CVCS	2	Valve
C0048719 11	DCP269 MODIFY/DEMO EXISTING SUPPORTS	2-GCS-R35	CVCS	2	Support
C0048719 11	DCP269 MODIFY/DEMO EXISTING SUPPORTS	2-GCS-R47	CVCS	2	Support
C0048722 04	DCP-269 REPLACE VALVE 2-CS-535	2-CS-535	CVCS	2	Valve
C0048722 13	DCP-269 REPAIR WELD PIPING TO OBTAIN ALIGNMENT	2-CS-535	CVCS	2	Valve
C0048723 04	DCP-269 REPLACE VALVE 2-CS-536	2-ACS-L954	CVCS	2	Support
C0048723 04	DCP-269 REPLACE VALVE 2-CS-536	2-CS-536	CVCS	2	Valve
C0048723 13	DCP-269 REPAIR WELD PIPING TO OBTAIN ALIGNMENT	2-CS-536	CVCS	2	Valve

Order	Description	Component	System	Code Class	Type
C0048835 02	REPAIR/REPLACE DAMAGED PARTS ON 2-QRV-251.	2-QRV-251	CVCS	2	Valve
C0048983 08	REINSTALL MANWAY COVER ON BORON INJECTION TANK	2-TK-11	CVCS	2	Vessel
C0049333 03	CLOSE MAN-WAY TO SUPPORT VALVE INSPECTION	2-TK-87	RHR	2	Vessel
C0049334 03	CLOSE MANWAY TO SUPPORT ACTUATOR INSPECTION	2-TK-86	SI	2	Vessel
C0050321 08	Component No. is being revised from 2-GR-L1017 TO 2-GR-R1017	2-GR-R1017	ICR	2	Support
C0050321 08	Component No. is being revised from 2-GR-L1050 TO 2-GR-R1050	2-GR-R1050	ICR	2	Support
C0050518 10	DCP-581 INSTALL NEW VALVE	2-CCM-453	CCW	2	Valve
C0050518 10	DCP-581 INSTALL NEW VALVE	2-CCM-454	CCW	2	Valve
C0050518 10	MODIFICATIONS TO EXISTING PIPE SUPPORTS	2-GCCW-L202	CCW	2	Support
C0050518 10	MODIFICATIONS TO EXISTING PIPE SUPPORTS	2-GCCW-V298	CCW	2	Support
C0050518 10	INSTALLATION OF NEW PIPE SUPPORT 2-ACCW-V4041	2-ACCW-V4041	CCW	2	Support
C0050580 08	DCP252 MODIFY LIMITORQUE OPERATOR 2-IMO-910	2-IMO-910	CVCS	2	Valve
C0050580 14	DCP252 MACHINE NEW WEDGE (P.O.2493) (SHOP WORK)	2-IMO-910	CVCS	2	Valve
C0050581 08	DCP252 MODIFY LIMITORQUE OPERATOR 2-IMO-911	2-IMO-911	CVCS	2	Valve
C0050581 14	DCP252 MACHINE NEW WEDGE (P.O.2493) (SHOP WORK)	2-IMO-911	CVCS	2	Valve
C0050582 06	DCP-581 REPLACE MOTOR OPERATED VALVE 2-MCM-221	2-MCM-221	MS	2	Valve
C0050584 06	DCP-581 REPLACE MOTOR OPERATED VALVE 2-MCM-231	2-MCM-231	MS	2	Valve
C0050585 04	DCP181 DRILL HOLE IN UPSTREAM SIDE OF WEDGE.	2-NMO-151	RCS	1	Valve
C0050586 04	DCP181 DRILL HOLE IN UPSTREAM SIDE OF WEDGE.	2-NMO-152	RCS	1	Valve
C0050587 04	DCP181 DRILL HOLE IN UPSTREAM SIDE OF WEDGE.	2-NMO-153	RCS	1	Valve
C0050917 01	INVESTIGATE THD ENGAGEMENT, B/A LEAK,DWNSTR FLANGE	2-CTS-131W	CTS	2	Valve
C0051050 02	2-QRV-251 WELD REPAIR GASKET SEATING SURFACE	2-QRV-251	CVCS	2	Valve
C0051050 03	2-QRV-251 WELD REPAIR GASKET SEATING SURFACE	2-QRV-251	CVCS	2	Valve
C0051571 01	2-STN-42W CORRECT BOLTING THREAD ENGAGEMENT	2-STN-42W	RHR	2	Other
C0051730 02	DCP181 DRILL HOLE IN UPSTREAM SIDE OF DISK	2-IMO-330	RHR	2	Valve
C0051731 02	DCP181 DRILL HOLE IN UPSTREAM SIDE OF DISK	2-IMO-331	RHR	2	Valve
C0051745 03	2-IRV-310 INSTALL HD SEAL IN VALVE	2-IRV-310	RHR	2	Valve

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Order	Description	Component	System	Code Class	Type
C0051807 03	2-ARH-R826 REPAIR SUPPORT	2-ARH-R826	RHR	2	Support
C0052075 02	2-STN-42E: DISASSEMBLE/INSPECT/REASSEMBLE STRAINER	2-STN-42E	RHR	2	Other
C0052239 04	2-SV-1A-1 REMOVE/INSTALL VALVE	2-SV-1A-1	MS	2	Valve
C0052305 02	DCP 903 DRILL HOLES/INSTALL PIPETS/REMOVE NOZZLES	2-CTS	CTS	2	Other
C0052324 01	ADJUST FLANGE BOLTS FOR 2-FFI-240 TO CLEAR STEEL	2-FFI-240	AFW	2	Other
C0052377 14	2-DCP-558 (INSTALLATION OF NEW VLV and orifice	2-SI-141-L1	RCS	1	Valve
C0052377 15	2-DCP-558 (INSTALLATION OF NEW VLV and orifice	2-SI-141-L2	RCS	1	Valve
C0052377 16	2-DCP-558 (INSTALLATION OF NEW VLV and orifice	2-SI-141-L3	RCS	1	Valve
C0052377 17	2-DCP-558 (INSTALLATION OF NEW VLV and orifice	2-SI-141-L4	RCS	1	Valve
C0052377 18	2-DCP-558 INSTALL VALVE & ORIFICE FOR SI-121-N	2-SI-121-N	SI	2	Piping
C0052377 19	2-DCP-558 INSTALL VALVE & ORIFICE FOR SI-121-S	2-SI-121-S	SI	2	Piping
C0052381 01	2-DW-163N DISASSEMBLE, REPAIR LEAKBY	2-DW-163N	DW	2	Valve
C0052477 07	DCP-265 INSTALL CTS TEST LOOP PIPING & SUPPORTS	Various	CTS	2	Various
C0052480 07	DCP 265 INSTALL CTS TEST LOOP PIPING & SUPPORTS	Various	CTS	2	Various
C0052480 31	DCP-265 FAB & INSTALL NEW HGR. 2-ACTS-R4007	2-ACTS-R4007	CTS	2	Various
C0052486 03	INSTALL VALVE SERIAL NUMBER N56499-00-0002 AT 2-SV-45C	2-SV-45C	RCS	1	Valve
C0052534 10	REPLACE BOLTING ON 2-VCR-21	2-VCR-21	ICR	2	Valve
C0052585 24	REMOVE SW PIPE CAPS TO SUPPORT CTS HEADER FLUSH	2-CTS	CTS	2	Other
C0052585 24	FAB AND REINSTALL PIPING SUPPORT	2-ACTS-R7A	CTS	2	Support
C0052613 02	2-CCM-430,REPLACE YOKE ASSEMBLY PER EE# 2000-0070	2-CCM-430	CCW	2	Valve
C0052761 16	2DCP164 MODIFY 9 SUPPORTS ON AT RISK PACKAGE #1	2-GCTS-R503	CTS	2	Support
C0052850 04	DCP-729 CUT/REWORK/INSTALL RWST OVERFLOW LINE PIPE	2-TK-33	RWST	2	Piping
C0052850 05	DCP-729 INSTALL NOZZLE REINFORCEMENT	2-TK-33	RWST	2	Piping
C0052850 06	DCP-729 REMOVE/REWORK EXIST./INSTALL NEW SUPPORTS	2-TK-33	RWST	2	Support
C0052994 07	REMOVE SUCTION STRAINER 2-STN-37E	2-STN-37E	CVCS	2	Other
C0053098 02	2-ICM-321 REPLACE VALVE BONNET & INSPECT INTERNALS	2-ICM-321	SI	2	Valve
C0053540 03	DCP4367 REPLACE YOKE,BONNET,STEM, & DISC	2-IMO-261	CVCS	2	Valve

Order	Description	Component	System	Code Class	Type
C0053540 11	DCP4367 MACHINE NEW WEDGE (P.O.2493) (SHOP WORK)	2-IMO-261	CVCS	2	Valve
C0053621 01	2-CTS-131E,(BOREScope)CTS PIPING UPSTREAM OF VALVE	2-CTS-131E	CTS	2	Piping
C0053807 03	SUPPORTS MODIFIED IN ACCORDANCE WITH 2-DCP-4154	2-ASI-L68A	SI	2	Support
C0053807 03	SUPPORTS MODIFIED IN ACCORDANCE WITH 2-DCP-4154	2-ASI-L71A	SI	2	Support
C0053941 09	2-LDCP-4344 REMOVE/INSTALL VLV INTERNALS 2-CTS-106	2-CTS-106	CTS	2	Valve
C0053960 01	2-CTS-127E,(BOREScope)CTS PIPING UPSTREAM OF VALVE	2-CTS-127E	CTS	2	Piping
C0053961 01	2-CTS-127W, (BOREScope)CTS PIPING UPSTREAM OF VLV	2-CTS-127W	CTS	2	Piping
C0053964 01	DCP558 REV.1 INSTALL TRIMMING ORIFICE RO-728	2-RO-728	SI	2	Valve
C0053964 02	DCP558 REV.1 INSTALL TRIMMING ORIFICE RO-729	2-RO-729	SI	2	Valve
C0053964 03	DCP558 REV.1 INSTALL TRIMMING ORIFICE RO-730	2-RO-730	SI	2	Valve
C0053964 04	DCP558 REV.1 INSTALL TRIMMING ORIFICE RO-731	2-RO-731	SI	2	Valve
C0053964 05	DCP558 REV.1 INSTALL TRIMMING ORIFICE	2-IFI-260-OR	SI	2	Valve
C0053964 06	DCP558 REV.1 INSTALL TRIMMING ORIFICE	2-IFI-266-OR	SI	2	Valve
C0053964 08	DCP558 REV.1 INSTALL TRIMMING ORIFICE	2-IFI-260-OR	SI	2	Support
C0053964 09	DCP558 REV.1 INSTALL TRIMMING ORIFICE	2-IFI-266-OR	SI	2	Support
C0053964 30	DCP558 INSTALL S.S. STUDS/ ORIFICE FLANGE	2-IFI-260-OR	SI	2	Other
C0053964 31	DCP558 INSTALL S.S. STUDS/ ORIFICE FLANGE	2-IFI-266-OR	SI	2	Other
C0053964 32	DCP558 INSTALL S.S. STUDS/ ORIFICE FLANGE RO-728	2-RO-728	SI	2	Valve
C0053964 33	DCP558 INSTALL S.S. STUDS/ ORIFICE FLANGE RO-729	2-RO-729	SI	2	Valve
C0053964 35	DCP558 INSTALL S.S. STUDS/ ORIFICE FLANGE RO-730	2-RO-730	SI	2	Valve
C0053964 36	DCP558 INSTALL S.S. STUDS/ ORIFICE FLANGE RO-731	2-RO-731	SI	2	Valve
C0053964 46	DCP558 REV.1 REPAIR FLANGE MISALIGNMENT RO-730	2-RO-730	SI	2	Valve
C0053964 47	DCP558 REV.1 INSTALL NEW PIPE @ 2-RO-730	2-RO-730	SI	2	Piping
C0053984 03	DCP-4260 MODIFY SURGE LINE PWR 2-SU-L-911 AND 912	2-GSI-R705	SI	1	Support
C0053984 03	DCP-4260 MODIFY SURGE LINE PWR 2-SU-L-911 AND 912	2-SU-L911	SI	1	Support
C0053984 03	DCP-4260 MODIFY SURGE LINE PWR 2-SU-L-911 AND 912	2-SU-L912	SI	1	Support
C0054154 03	2-DCP-4253 DEMO /INSTALL OF 4" SGBD LINE/SUPPORT	2-TK-99	BD	2	Piping

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Order	Description	Component	System	Code Class	Type
C0054154 03	2-DCP-4253 REPLACE A SECTION OF THE 4" SGBD LINE	2-TK-99	BD	2	Piping
C0054395 22	2-LDCP-4447 REQUIRES INSTL. OF 2-GBD-R531 TO DRWG.	2-GBD-R531	BD	2	Support
C0054407 01	2-GCCW-L-132 RESTORE SUPPORT TO ORIGINAL DESIGN	2-GCCW-L132	CCW	2	Support
C0054425 07	2-CCM-432,REPLACE YOKE ASSEMBLY PER EE# 2000-0070	2-CCM-432	CCW	2	Valve
C0054509 01	DCP-649 REPLACE 2-WRV-763	2-WRV-763	ESW	2	Valve
C0054509 02	DCP-649 REPLACE 2-WRV-768	2-WRV-768	ESW	2	Valve
C0054752 01	DCP558 REV.1 INSTALL TRIMMING ORIFICE 2-IFI-266	2-IFI-266-OR	SI	2	Other
C0054752 02	DCP558 REV.1 INSTALL TRIMMING ORIFICE 2-IFI-260	2-IFI-260-OR	SI	2	Other
C0054752 08	DCP558 REV.1 INSTALL TRIMMING ORIFICE RO-729	2-SI-141-L2	SI	2	Valve
C0054752 09	DCP558 REV.1 INSTALL TRIMMING ORIFICE RO-730	2-SI-141-L3	SI	2	Valve
C0054752 10	DCP558 REV.1 INSTALL TRIMMING ORIFICE RO-728	2-SI-141-L1	SI	2	Valve
C0054752 11	DCP558 REV.1 INSTALL TRIMMING ORIFICE RO-731	2-SI-141-L4	SI	2	Valve
C0054877 01	2-CCM-431,REPLACE YOKE ASSEMBLY PER EE# 2000-0070	2-CCM-431	CCW	2	Valve
C0054956 04	2-DCP-4529 INSTALL MODIFIED PIPING	2-OME-3-1	MS	2	Piping
C0054956 10	2-DCP-4529 INSTALL MODIFIED PIPING	2-OME-3-2	MS	2	Piping
C0054956 16	2-DCP-4529 INSTALL MODIFIED PIPING	2-OME-3-3	MS	2	Piping
C0054956 22	2-DCP-4529 INSTALL MODIFIED PIPING	2-OME-3-4	MS	2	Piping
C0055035 01	2" MOV GATE VALVE	2-IMO-212	SI	2	Valve
C0055137 01	2-GCTS-R-2 REPAIR GAP UNDER BASE PLATE	2-GCTS-R2	CTS	2	Support
C0055153 01	2-GCTS-R-3 REPAIR GAP UNDER BASE PLATE	2-GCTS-R3	CTS	2	Support
C0055312 01	2-CCW-135 DISASSEMBLE, R/R PARTS AS REQUIRED	2-CCW-135	CCW	2	Valve
C0055332 08	DCP4464 MODIFY SUPPORT 2-GWD-L26	2-GWD-L26	WD	2	Support
C0055332 13	DCP4464 MODIFY SUPPORT 2-GWD-R20	2-GWD-R20	WD	2	Support
C0055374 05	2-PP-26S INSTALL NEW PUMP ASSEMBLY	2-PP-26S	SI	2	Pump
C0055374 20	2-PP-26S REPAIR LEAKING WELDS TO VENT/DRAIN VALVES	2-PP-26S	SI	2	Piping
C0055515 01	2-GBD-S569-U: REBUILD SNUBBER, INSTALL NEW "A" KIT	2-GBD-S569-U	BD	2	Snubber
C0055592 01	2-AFW-S4029, REMOVE/TEST, INSTALL "A" KIT, INSTALL.	2-AFW-S4029	AFW	2	Snubber

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Order	Description	Component	System	Code Class	Type
C0055636 01	2-NMO-153, DISASSEMBLE VALVE FOR AN INTERNAL INSP	2-NMO-153	RCS	1	Valve
C0055687 03	DCP558 REV.1A INSTALL SPACER/ORIF.PLATE @ PP DISCH	2-PP-26N	SI	2	Other
C0055687 10	DCP558 REV.1A INSTALL SPACER/ORIF.PLATE @ PP DISCH	2-PP-26N	SI	2	Other
C0056088 01	2-LDCP-4663 RPR GAP IN SUPPORT BASEPLATE & CEILING	2-GCTS-R501	CTS	2	Support
C0056260 01	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-GCS-R134	CVCS	2	Support
C0056261 01	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	12-GSF-R101	SFP	2	Support
C0056261 02	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-GSF-R31	SFP	2	Support
C0056261 03	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-GSF-R11	SFP	2	Support
C0056261 03	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ASF-R4003	SFP	2	Support
C0056261 03	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ASF-R4001	SFP	2	Support
C0056261 03	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ASF-R4002	SFP	2	Support
C0056261 04	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-ASF-R4004	SFP	2	Support
C0056261 04	DCP647 FAB/INSTALL AUX BLD PIPE SUPRTS	2-GSF-R5	SFP	2	Support
C0056489 01	2-CS-536, INVESTIGATE AND REPAIR AS REQUIRED	2-CS-536	CVCS	2	Valve
C0056490 01	2-GCTS-V-724 INSTALL CORRECT BOLT @ PIPE SUPPORT	2-GCTS-V724	CTS	2	Support
C0056537 01	2-CS-534, INVESTIGATE AND REPAIR AS REQUIRED	2-CS-534	CVCS	2	Valve
C0056813 02	DISASSEMBLE 2-FW-138-1 TO INVESTIGATE SEAT LEAKAGE	2-FW-138-1	AFW	2	Valve
C0056843 01	DCP-269, 2-CS-535 MACHINE BINEL ELEMENT,FAB SPACER	2-CS-535	CVCS	2	Valve
C0202532 01	INVESTIGATE AND REPAIR LEAK AT PIPE PLUGS	2-CTS-160E	CTS	2	Piping
C0202874 01	2-CCW-135 REPLACE CHECK VALVE	2-CCW-135	CCW	2	Valve
C0203155 01	OPEN/CLOSE VALVE ENCLOSURE TO SUPPORT OPS TESTING	2-TK-87	Contain	2	Tank
C0205954 01	2-FW-118-4 SEAL WELD LEAKING PLUG	2-FW-118-4	AFW	2	Valve
C0207086 01	2-CTS-120E, REPAIR CHECK VALVE LEAKBY	2-CTS-120E	CTS	2	Valve
R0018427 02	REPLACE THE EXISTING BOLTING ON THE 6" INLET	2-PP-50E	CVCS	2	Pump
R0018427 15	CUT/REWELDING PIPING/TUBING TO 2-PP-50E	2-PP-50E	CVCS	2	Other
R0018427 19	PERFORM REPAIR TO PUMP NOZZLE BY WELDING	2-PP-50E	CVCS	2	Pump
R0023861 01	REMOVE, PERFORM FUNCTIONAL TEST, REINSTALL	2-AFW-S4033	AFW	2	Snubber

11 of 12

Order	Description	Component	System	Code Class	Type
R0035790 01	PERFORM AS-FOUND VISUAL INSPECTION ON ACC. SNUBS.	2-GFW-S885	AFW	2	Snubber
R0039299 02	2-QRV-51 REFURBISH VALVE AND ACTUATOR	2-QRV-51	CVCS	1	Valve
R0039725 02	2-DCR-310, REFURBISH VALVE AND VALVE ACTUATOR	2-DCR-310	BD	2	Valve
R0039783 02	2-DCR-330, REFURBISH VALVE AND VALVE ACTUATOR	2-DCR-330	BD	2	Valve
R0039783 11	2-DCR-330, REFURBISH VALVE AND VALVE ACTUATOR	2-DCR-330	BD	2	Valve
R0039784 02	2-DCR-340, REFURBISH VALVE AND VALVE ACTUATOR	2-DCR-340	BD	2	Valve
R0039785 02	2-DCR-320, REFURBISH VALVE AND VALVE ACTUATOR	2-DCR-320	BD	2	Valve
R0040610 02	2-MRV-211 REFURBISH VALVE AND ACTUATOR	2-MRV-211	MS	2	Valve
R0040611 02	2-MRV-242 REFURBISH VALVE AND ACTUATOR	2-MRV-242	MS	2	Valve
R0040614 02	2-MRV-231 REFURBISH VALVE AND ACTUATOR	2-MRV-231	MS	2	Valve
R0049140 04	2-SI-170-L4 DISASSEMBLE VALVE FOR QC INSPECTION	2-SI-170-L4	SI	1	Valve
R0050566 02	REPLACE DISC	2-CS-297W	CVCS	2	Valve
R0059479 05	2-SV-45A RMV/REPLACE VLV FOR SETPOINT TESTING	2-SV-45A	RCS	1	Valve
R0059480 05	2-SV-45C RMV/REPLACE VLV FOR SETPOINT TESTING	2-SV-45C	RCS	1	Valve
R0059481 06	2-SV-45B RMV & REPLACE VLV FOR SETPOINT TESTING	2-SV-45B	RCS	1	Valve
R0060600 04	2-RH-141 OPEN VALVE FOR SECTION XI INSPECTION	2-RH-141	RHR	2	Valve
R0066298 01	REMOVE SNUBBER, PERFORM FUNCTIONAL TEST, REINSTALL	2-AFW-S4021	AFW	2	Snubber
R0066302 01	REMOVE SNUBBER, PERFORM FUNCTIONAL TEST, REINSTALL	2-AFW-S4035	AFW	2	Snubber
R0066419 01	REMOVE SNUBBER, PERFORM FUNCTIONAL TEST, REPLACE	2-GBD-S563-L	BD	2	Snubber
R0066457 01	PERFORM FUNCTIONAL TEST AND AS LEFT VISUAL INSPECT	2-GCTS-S116-E	CTS	2	Snubber
R0066461 01	PERFORM FUNCTIONAL TEST & AS-LEFT VISUAL INSPECT.	2-GCTS-S116-W	CTS	2	Snubber
R0066463 01	PERFORM FUNCTIONAL TEST AND AS-LEFT VISUAL INSPECT	2-GRH-S7	RHR	2	Snubber
R0072751 04	2-CCW-122 REMOVE FOR INSPECTION, REPAIR IF REQ.	2-CCW-122	CCW	2	Valve
R0075770 03	2-FW-118-2 DISASSEMBLE VALVE FOR QC INSPECTION	2-FW-118-2	AFW	2	Valve
R0076270 04	2-CS-325 REPLACE VALVE	2-CS-325	CVCS	1	Valve
R0095106 02	CLOSE 2-ICM-305 VALVE ENCLOSURE	2-TK-86	RHR	2	Vessel
R0095106 03	CLOSE 2-ICM-306 VALVE ENCLOSURE	2-TK-87	RHR	2	Vessel

12 of 12

INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, UNIT 2
BRIDGMAN, MI.
COMMERCIAL SERVICE DATE 7-1-1978

SECTION 9

NIS-2 REPAIR AND REPLACEMENT REPORTS

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: 1-22-00
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C25255 -09
One Cook Place, Bridgman, MI 49106 Component# 2-RH-117
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: NONE
 (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
2-RH-117						
VLV BODY & BONNET	ASME SA-351 CF8M		EXISTING	N/A	REPAIRED	NO

7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure _____

NDE: PRE WELD PT/VT AND FINAL PT/VT AFTER WELD

Description of Work: MADE WELD REPAIRS ON BODY & BONNET , VALVE WAS THEN SENT TO MACHINE SHOP TO HAVE WELD BUILD UP MACHINED. REQUIRED NDE PERFORMED BEFORE AND AFTER WELD/MACHINING REPAIRS.

Job Order/File: C25255-09

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed Raymond Thompson MAINT. SUPERV. WELDING Date 9-4-00
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 of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 1/03/00 to 9/5/00, 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

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. Thompson Commissions MICH 0055, ENR N&I
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 5 19 2000

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: 1-22-00
P.O. Box 60 Fort Wayne IN 46801 Unit#: 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order#: C25255 -12
One Cook Place, Bridgman, MI 49106 Component#: 2-RH-117
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code: ASME SEC. III 1986 Ed. NO Add. Code Case: NONE
 (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&F# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-RH-117						
VLV BODY & BONNET	ASTM A-351 CF8M		EXISTING	N/A	REPAIRED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a

N/A NDE: PRE WELD PT/VT AND FINAL PT/VT AFTER WELD AND FINAL MACHINING

Description of Work: PERFORMED PRE WELD NDE ON BODY & BONNET. MADE WELD REPAIRS ON BODY & BONNET, VALVE WAS THEN SENT TO MACHINE SHOP TO HAVE WELD BUILD UP MACHINED. A FINAL PT WAS PERFORMED AFTER BODY & BONNET WAS MACHINED.

Job Order/File: C25255-12 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Simmons
Dewayne Simmons, welding supervisor Date 9-4-00
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 of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 12-6-99 to 9-5-00, 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

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.

D. Blake Commissions Mi. 762
Inspector's Signature National Board, State, Province, Endorsements

Date: 9-5 2000

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: 11-19-97
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C31618-01
One Cook Place, Bridgman, MI 49106 Component# 2-IRV-300
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Residual Heat Removal
5. (a) Applicable Construction Code: ASME SEC.III, 1986 ed. 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
2-IRV-300						
Trim assy(plug)	CRES AMS5643 tp.17-4ph	Copes Vulcan	M&E#: 30-036086 ASP# 214	N/A	Replace	N/A

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A
 NDE: N/A Pressure: psi Test Temperature F.

Description of Work: Valve trim assembly was replaced which included the "plug"

Job Order/File: C31618-01 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons MIT Supv. Welding Date 9-7-00
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 R I.

have inspected the components described in this Owner's Report during the period 8-7-95 to 9-7-00, 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

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.

CB Blake Commissions MI. 762 N&I
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept. 7 2000

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: 02-09-00
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
- 2. Plant: D.C.Cook Nuclear Power Plant Job Order# C32761-01
One Cook Place, Bridgman, MI 49106 Component# 2-GFW-S868
- 3. Work Performed by: AEP/D.C. COOK Maintenance Department
- 4. Identification of System: FEEDWATER
- 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
2-GFW-S868						
Configurationj "A" Kit	By GRINNELL	GRINNELL	M & E 30-040551 ASP 20923	N/A	REPLACED	NO

- 7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a
- 8. NDE: preservice VT-3 Pressure: psi Test Temperature F.

Description of Work: Installed a configuration "A" kit per EE-00-0061. VT-3 performed as part of attachment# 4 of 12MHP4330.STP.004 included with the hardcopy activity. Note:original repair/replacement plan addressed the replacement of the Lexan reservoir which was replaced by the "A" kit per EE.

Job Order/File: C32761-01 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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: Dewayne Timmons, welding Supervisor Date 9-7-00
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 Province of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 1-27-00 to 9-7-00, 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

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.

L Blake Commissions Mi. 762 N&I
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 7 10 2000

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: 11-4-97
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C35954-02
One Cook Place, Bridgman, MI 49106 Component# 2-FW-132-4
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: AUXILIARY FEEDWATER
5. (a) Applicable Construction Code: ASME S. III, 1986 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
2-FW-132-4						
VALVE	SA-216 GR. WCB	ATWOOD AND MORRILL	ASP#19444			

7. Hydrostatic Pneumatic Nominal Operating Pressure
 N/A NDE: VT,PT,MT,RT Pressure: psi Test Temperature F.

Description of Work: REMOVED EXISTING VALVE FROM SYSTEM.
 INSTALLED NEW VALVE INTO SYSTEM PER REQUIREMENTS OF SECTION XI TRAVELER.
 "PT" AT FIT UP AND FINAL WERE PERFORMED ON EXCAVATION AREA'S (SAT).
 "MT" & "RT" OF SPOOL BUTT WELD WAS PERFORMED AT FINAL WELD (SAT)
 VT2 EXAM PERFORMED ON "R0075241-25": ~~WHICH WAS TO PERFORM PMT REQUIREMENTS~~
 OF SYSTEM PIPING.

Job Order/File: C35954-02

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dwayne James MAINT Supv. WEKling Date 9-2-00
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 FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 11/3/97 to 9-4-00, 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

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.

[Signature] Commissions MILCOSS, END NFI
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 4 19 2000

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: 11-03-97
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C36017-02
One Cook Place, Bridgman, MI 49106 Component# 2-RC-102-L4
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: REACTOR COOLANT
5. (a) Applicable Construction Code: ASME SEC III 1986 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
2-RC-102-L4						
STEM ASSEMBLY (DISC)	DISC: AMS 5387	CONVAL	M & E 30-035574 ASP 13338	N/A	REPLACED	NO
Bonnet/packing chamber	SA-479 with nitronic 50	CONVAL	M & E 30-035414 ASP 13664	N/A	REPLACED	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure √
 NDE: IN-SERV. VT-2 Pressure: psi Test Temperature F.

Description of Work: REPLACED BONNET/PACKING CHAMBER AND STEM ASSEMBLY INCLUDING DISC. AN INSERVICE VT-2 WAS PERFORMED ON R73019-01 WITH THE ORIGINAL ACT# 05 OF C36017 ADMIN CLOSED OUT PER CREM
 note: crem remarks provided for verification.

Job Order/File: C36017-01 ISI Class 1

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 N/A

Certificate of Authorization No. AAA Expiration Date AAA

Signed: Dewayne Timmons, welding supervisor Date 9-7-00
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 7-23-97 to 9-7-00, 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

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.

MT Matrapaul Commissions MICHIGAN, EN & NBI
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 7 19 2000

Job Order/File: C36209-04 ISI Class 1

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons MAINT Supr. Welding Date 9-2-00
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 of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 11/10/97 to 9/2/00, 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

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 Muetzbaugh Commissions MICH 0055, END NBT
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 2 19 2000

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: 10-25-97
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C36974-01
One Cook Place, Bridgman, MI 49106 Component# 2-ILA-141-V1
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: ACCUMULATOR TANK INJECTION
5. (a) Applicable Construction Code: ASME SECT. III 1986. 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
2-ILA-141-V1						
STEM ASSEMBLY	STEM: SA479 XM19H, DISC: AMS 5387	CONVAL	M & E 30-035574 ASP 13759	N/A	REPLACED	NO
PACKING CARTRIDGE		CONVAL	M & E 30-035414 ASP 13664	N/A	REPLACED	NO

7. Hydrostatic Pneumatic Nominal Operating Pressure N/A
 NDE: IN-SERV. VT-2 Pressure: psi Test Temperature F.

Description of Work: DISASSEMBLED VALVE, INSPECTED, PERFORMED BLUE CHECK (SAT). REASSEMBLED VALVE USING NEW PACKING CARTRIDGE AND STEM ASSEMBLY.

AN INSERVICE VT-2 WAS PERFORMED IN ACT 03 BY QC (SAT).

Job Order/File: C36974-01 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed *Douglas M. James* MAINT Supv. Welding Date 9-2-00
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 of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 2-6-98 to 9-2-00, 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

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.A. Muterspaugh Commissions *Mich 0055, L NCL N&I*
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 2 19 2000

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

18 OF 465

NIS-2-219-97

Owner AMERICAN ELECTRIC POWER COMPANY
Name

Date 12/16/97

P.O. Box 60 Fort Wayne, IN 46801
Address

Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT
Name

Unit # 2

One Cook Place, Bridgman, MI 49106
Address

C38748-02
Repair Org. P.O. No., Job No., etc

3. Work Performed by Installation Services
Name

Type Code Symbol Stamp N/A

Same as #2
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL AND VOLUME CONTROL ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-ACS-L850 CS PLATE	M&E# 30-153197	ASP# 17202	N/A	A36 (93a)	N/A	REPLACE-MENT	NO
2-ACS-L850 7/8 CS PLATE	M&E# 30-153196	ASP# 13747	N/A	A36 (93a)	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL SHIMS PER MDS-603 ON SUPPORT 2-ACS-L850.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C38748-02 DESIGN CHANGE: N/A

REPAIR/REPLACEMENT TRAVELER: C38748-02 ISI CLASS: 3

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Owner or Owner's Designee, Title

Date Dec. 16, 19 97

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 ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 7-14-97 to 1-12-98, 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 0055, EN, D, N, S, I National Board, State, Province, Endorsements

Date January 12, 19 98

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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NIS-2-203-97

1. Owner AMERICAN ELECTRIC POWER COMPANY Date 12/12/97
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C38818-10
 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 CHEMICAL & VOLUME CONTROL ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCS-R573 1/8 CS PLATE	M&E# 30-153125	ASP# 16652	N/A	A570 GR45 (92)	N/A	REPLACE- MENT	NO
2-GCS-R573 1/8 CS PLATE	M&E# 30-153123	ASP# 19770	N/A	A570 GR45 (92)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFY SUPPORT 2-GCS-R573 PER DESIGN CHANGE DCP-0047.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C38818-10 DESIGN CHANGE: DCP-0047

REPAIR/REPLACEMENT TRAVELER: C38818-10 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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Wayne Cretsinger

Signed Wayne Cretsinger, Senior Planner 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 2/4/97 to 1/5/98, 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 Michigan, ESD N&I National Board, State, Province, Endorsements

Date January 5, 1998

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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NIS-2-204-97

1. Owner AMERICAN ELECTRIC POWER COMPANY Date 12/14/97
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 3
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C38818-12
 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 SAFETY INJECTION ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GSI-R559 3/8 SS PLATE	M&E# 30-153224	ASP# 15190	N/A	A240 TP304(78)	N/A	REPLACE- MENT	NO
2-GSI-R559 3/8 CS PLATE	M&E# 30-153192	ASP# 15485	N/A	A36 (93A)	N/A	REPLACE- MENT	NO
2-GSI-R575 FIG #211N SWAY STRUT	GRINNELL CORP. P.O. 66225-042-7X	ASP# 19738	N/A	SIZE C PO ITEM 02	N/A	REPLACE- MENT	NO
2-GSI-R590 2 x 2 x 3/8 CS ANGLE	M&E# 30-153030	ASP# 11779	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-ASI-R5300 4 x 4 x 1/4 TUBE STEEL	M&E# 30-153269	ASP# 19757	N/A	A500 GR B (93)	N/A	REPLACE- MENT	NO
2-ASI-R5300 2 x 2 x 3/8 CS ANGLE	M&E# 30-153030	ASP# 19842	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-ASI-R5300 3/8 x 1 1/2 U-BOLT	M&E# 30-024110	ASP# 13199	N/A	FIG 137N	N/A	REPLACE- MENT	NO

7. Description of Work INSTALLED AND MODIFIED SUPPORTS 2-GSI-R559, 2-GSI-R575, 2-GSI-R590, 2-ASI-R5300 AND 2-ASI-R5301 PER DESIGN CHANGE DCP-0047

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

As Required by the Provisions of the ASME Code Section XI

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NIS-2-204-97

1. Owner AMERICAN ELECTRIC POWER COMPANY Date 12/14/97
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 3
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C38818-12
 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 SAFETY INJECTION ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
2-ASI-R5301 3 x 3 x 1/4 TUBE STEEL	M&E# 30-150169	ASP# 19616	N/A	A500 GR B (90)	N/A	REPLACE- MENT	NO
2-ASI-R5301 2 x 2 x 3/8 ANGLE	M&E# 30-153030	ASP# 19842	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-ASI-R5301 1/4 CS PLATE	M&E# 30-153193	ASP# 15650	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-ASI-R5301 1/4 CS PLATE	M&E# 30-153132	ASP# 18884	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-ASI-R5301 5/8 x 8 1/2 HILTI BOLT	M&E# 30-046274	ASP# 14398	N/A	HILTI KB II 58-812	N/A	REPLACE- MENT	NO

7. Description of Work INSTALLED AND MODIFIED SUPPORTS 2-GSI-R559, 2-GSI-R575, 2-GSI-R590, 2-ASI-R5300 AND 2-ASI-R5301 PER DESIGN CHANGE DCP-0047

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 N/A Other Pressure N/A psi Test Temp. N/A °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 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C38818-12 DESIGN CHANGE: DCP-0047

REPAIR/REPLACEMENT TRAVELER: C38818-12 ISI CLASS: 1

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Wayne Cretsinger (Signature)

Signed Wayne Cretsinger, Senior Planner Date Dec. 14, 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 7/13/97 to 1/18/98, 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.

(Signature) Inspector's Signature

Commissions MICHIGAN, EV-J NFI National Board, State, Province, Endorsements

Date January 8, 1998

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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NIS-2-205-97

1. Owner AMERICAN ELECTRIC POWER COMPANY Date 12/14/97
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C38818-13
 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 SAFETY INJECTION ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
2-GSI-R542 3/8 SS PLATE	M&E# 30-153224	ASP# 14449	N/A	A240 TP304 (86)	N/A	REPLACE- MENT	NO
2-GSI-R552 3/8 SS PLATE	M&E# 30-153224	ASP# 9509	N/A	A240 TP304 (86)	N/A	REPLACE- MENT	NO
2-GSI-R633 1½ x 1½ x ¼ ANGLE	M&E# 30-153010	ASP# 17619	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-GSI-R633 3/8 CS PLATE	M&E# 30-153195	ASP# 13747	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-GSI-R635 2 x 2 x 3/8 ANGLE	M&E# 30-153030	ASP# 11779	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GSI-R635 3/8 x 1½ U-BOLT	M&E# 30-024110	ASP# 13199	N/A	FIG 137N	N/A	REPLACE- MENT	NO
2-GSI-R562 1/2 CS PLATE	M&E# 30-153193	ASP# 15650	N/A	A36 (93a)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFY SUPPORTS 2-GSI-R542, 2-GSI-R552, 2-GSI-R633, 2-GSI-R635 AND 2-GSI-R562 PER DESIGN CHANGE DCP-0047.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C38818-13 DESIGN CHANGE: DCP-0047

REPAIR/REPLACEMENT TRAVELER: C38818-13 ISI CLASS: 1

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date DEC. 14, 19 97 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 ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 8-4-97 to 1-9-98, 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 Michigan, END N.E.T. National Board, State, Province, Endorsements

Date January 9, 19 98

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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NIS-2-206-97

1. Owner AMERICAN ELECTRIC POWER COMPANY Date 12/14/97
 Name _____
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name _____
One Cook Place, Bridgman, MI 49106 C38818-14
 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 SAFETY INJECTION ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GSI-R568 3/8 CS PLATE	M&E# 30-153192	ASP# 15485	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-GSI-R588 3/8 CS PLATE	M&E# 30-153192	ASP# 15485	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-GSI-R588 3/8 SS PLATE	M&E# 30-153224	ASP# 9509	N/A	A240 TP304 (86)	N/A	REPLACE- MENT	NO
2-GSI-R589 3/8 x 1 1/2 U-BOLT	M&E# 30-024110	ASP# 13199	N/A	FIG 137N	N/A	REPLACE- MENT	NO
2-GSI-R596 3/8 x 1 1/2 U-BOLT	M&E# 30-024110	ASP# 13199	N/A	FIG 137N	N/A	REPLACE- MENT	NO

7. Description of Work MODIFY SUPPORTS 2-GSI-R568, 2-GSI-R588, 2-GSI-R589 AND 2-GSI-R596 PER DESIGN CHANGE DCP-0047.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C38818-14 DESIGN CHANGE: DCP-0047

REPAIR/REPLACEMENT TRAVELER: C38818-14 ISI CLASS: 1

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date DEC. 14, 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 3-4-97 to 1-7-98, 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. Matuspaugh Commissions MI: L 055, END N5 I Inspector's Signature National Board, State, Province, Endorsements

Date JANUARY 9, 1998

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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NIS-2-208-97

Owner AMERICAN ELECTRIC POWER COMPANY
Name

Date 12/14/97

P.O. Box 60 Fort Wayne, IN 46801
Address

Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT
Name

Unit # 2

One Cook Place, Bridgman, MI 49106
Address

C38819-06
Repair Org. P.O. No., Job No., etc

3. Work Performed by Installation Services
Name

Type Code Symbol Stamp N/A

Same as #2
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL AND VOLUME CONTROL ASME CODE CLASS 1

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCS-R515 4 x 13 BEAM	M&E# 30-153288	ASP# 19609	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GCS-R515 ½ CS PLATE	M&E# 30-153012	ASP# 17202	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GCS-R515 ¾ CS PLATE	M&E# 30-153170	ASP# 12776	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-GCS-R515 1 CS PLATE	M&E# 30-153179	ASP# 15171	N/A	A36 (90)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFY SUPPORT 2-GCS-R515 PER DESIGN CHANGE DCP-0047

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C38819-06 DESIGN CHANGE: DCP-0047

REPAIR/REPLACEMENT TRAVELER: C38819-06 ISI CLASS: 1

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date Dec. 14, 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 5/12/97 to 1/9/98, 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 DWS, ENDRFI National Board, State, Province, Endorsements

Date January 9, 1998

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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NIS-2-211-97

1. Owner AMERICAN ELECTRIC POWER COMPANY Date 12/15/97
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C38819-09
 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 CHEMICAL AND VOLUME CONTROL ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCS-R531 4 x 2½ x ¼ TUBE STEEL	M&E# 30-150167	ASP# 12087	N/A	A500 GR B (90)	N/A	REPLACE- MENT	NO
2-GCS-R531 ¼ CS PLATE	M&E# 30-153129	ASP# 19616	N/A	A36 (91)	N/A	REPLACE- MENT	NO
2-GCS-R622 3/8 CS PLATE	M&E# 30-153142	ASP# 17917	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GCS-R622 ½ SS PLATE	M&E# 30-153222	ASP# 12735	N/A	A240 TP 304 (90)	N/A	REPLACE- MENT	NO
2-GCS-R622 3/8 x 2 U-BOLT	M&E# 30-024112	ASP# 13582	N/A	FIG 137N	N/A	REPLACE- MENT	NO
2-GCS-R631 ½ SS PLATE	M&E# 30-153222	ASP# 12735	N/A	A240 TP 304 (90)	N/A	REPLACE- MENT	NO
2-GCS-R631 3/8 CS PLATE	M&E# 30-153142	ASP# 17917	N/A	A36 (90)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFY SUPPORTS 2-GCS-R531, 2-GCS-R622 AND 2-GCS-R631 PER DESIGN CHANGE DCP-0047.

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

FE: 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)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C38819-09

DESIGN CHANGE: DCP-0047

REPAIR/REPLACEMENT TRAVELER: C38819-09

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date DEC. 15, 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 7-14-97 to 1-12-98, 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 Michigan, End NBI National Board, State, Province, Endorsements

Date January 12, 1998

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

As Required by the Provisions of the ASME Code Section XI

33 of 465

NIS-2-212-97

Owner AMERICAN ELECTRIC POWER COMPANY
Name

Date 12/15/97

P.O. Box 60 Fort Wayne, IN 46801
Address

Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT
Name

Unit # 2

One Cook Place, Bridgman, MI 49106
Address

C38820-08
Repair Org. P.O. No., Job No., etc

3. Work Performed by Installation Services
Name

Type Code Symbol Stamp N/A

Same as #2
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System SAFETY INJECTION ASME CODE CLASS 1

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GSI-R700 CS PLATE	M&E# 30-153131	ASP# 14395	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GSI-R700 ¼ CS PLATE	M&E# 30-153128	ASP# 19034	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GSI-R700 1 CS PLATE	M&E# 30-153191	ASP# 19061	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-GSI-R705 1 CS PLATE	M&E# 30-153128	ASP# 19034	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GSI-R705 ¼ CS PLATE	M&E# 30-153132	ASP# 19634	N/A	A36 (90)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFY SUPPORTS 2-GSI-R700 AND 2-GSI-R705 PER DESIGN CHANGE DCP-0047.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks Applicable Manufacturer's Data Reports to be attached

Ref. JO: C38820-08 DESIGN CHANGE: DCP-0047

REPAIR/REPLACEMENT TRAVELER: C38820-08 ISI CLASS: 1

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date DEC. 15, 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 9-19-97 to 1-9-98, 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.

W. M. [Signature] Commissions MASS, ENDR I
Inspector's Signature National Board, State, Province, Endorsements

Date January 9 1998

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

As Required by the Provisions of the ASME Code Section XI

35 of 465

NIS-2-213-97

Owner AMERICAN ELECTRIC POWER COMPANY
Name

Date 12/15/97

P.O. Box 60 Fort Wayne, IN 46801
Address

Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT
Name

Unit # 2

One Cook Place, Bridgman, MI 49106
Address

C38820-11
Repair Org. P.O. No., Job No., etc

3. Work Performed by Installation Services
Name

Type Code Symbol Stamp N/A

Same as #2
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL AND VOLUME CONTROL ASME CODE CLASS 1

5. (a) Applicable Const. Code ANSI B31.1 1983Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCS-R505 /8 CS PLATE	M&E# 30-153143	ASP# 13808	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-GCS-R511 3/4 x 8 HILTI BOLT	M&E# 30-046280	ASP# 16861	N/A	HILTI KB II 34-8	N/A	REPLACE- MENT	NO

7. Description of Work MODIFY SUPPORTS 2-GCS-R505 AND 2-GCS-R511 PER DESIGN CHANGE DCP-0047.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C38820-11 DESIGN CHANGE: DCP-0047

REPAIR/REPLACEMENT TRAVELER: C38820-11 ISI CLASS: 1

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date DEC. 15, 19 97
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 ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 4-24-97 to 1-12-98, 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.

[Signature] Commissions MICHIGAN, ENDNBI
Inspector's Signature National Board, State, Province, Endorsements

Date January 12 19 98

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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NIS-2-214-97

- Owner AMERICAN ELECTRIC POWER COMPANY Date 12/15/97
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C38820-12
 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 REACTOR COOLANT ASME CODE CLASS 1
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GRC-R534 x 2 x 3/8 CS ANGLE	M&E# 30-153030	ASP# 19842	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GRC-R534 3/4 CS PLATE	M&E# 30-153170	ASP# 12776	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-ARC-R4001 3 x 3 x 1/4 TUBE STEEL	M&E# 30-150169	ASP# 19616	N/A	A500 GR B (90)	N/A	REPLACE- MENT	NO
2-ARC-R4001 1/4 SS PLATE	M&E# 30-153223	ASP# 19632	N/A	A240 TP 304 (93b)	N/A	REPLACE- MENT	NO
2-ARC-R4001 1/4 CS PLATE	M&E# 30-153191	ASP# 19061	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-ARC-R4001 2 x 2 x 1/4 TUBE STEEL	M&E# 30-150165	ASP# 17922	N/A	A500 GR B (90)	N/A	REPLACE- MENT	NO
2-ARC-R5302 1 SS PLATE	M&E# 30-153222	ASP# 12735	N/A	A240 TP 304 (90)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFY AND INSTALL SUPPORTS 2-GRC-R534, 2-ARC-R4001 AND 2-ARC-R5302 FOR DESIGN CHANGE DCP-0047

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C38820-12 DESIGN CHANGE: DCP-0047

REPAIR/REPLACEMENT TRAVELER: C38820-12 ISI CLASS: 1

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date Dec. 15, 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 6-10-97 to 1-12-98, 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 0055, END NFI National Board, State, Province, Endorsements

Date January 12, 1998

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

As Required by the Provisions of the ASME Code Section XI

39 OF 465

NIS-2-215-97

1. Owner AMERICAN ELECTRIC POWER COMPANY Date 12/15/97
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C38820-13
 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 REACTOR COOLANT ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-ARC-R4000 /8 SS PLATE	M&E# 30-153224	ASP# 15190	N/A	A240 TP 304 (78)	N/A	REPLACE- MENT	NO
2-ARC-R4000 3/8 CS PLATE	M&E# 30-153192	ASP# 15485	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
		<u>12/10/98</u>					

7. Description of Work INSTALL SUPPORT 2-ARC-R4000 PER DESIGN CHANGE DCP-0044.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks Applicable Manufacturer's Data Reports to be attached

Ref. JO: C38820-13 DESIGN CHANGE: DCP-0047

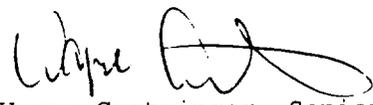
REPAIR/REPLACEMENT TRAVELER: C38820-13 ISI CLASS: 1

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed  Date DEC. 15, 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 5/12/97 to 1-23-98, 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 N&I
Inspector's Signature National Board, State, Province, Endorsements

Date JANUARY 23 19 98

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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NIS-2-218-97

Owner AMERICAN ELECTRIC POWER COMPANY
Name

Date 12/15/97

P.O. Box 60 Fort Wayne, IN 46801
Address

Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT
Name

Unit # 2

One Cook Place, Bridgman, MI 49106
Address

C38820-16
Repair Org. P.O. No., Job No., etc

3. Work Performed by Installation Services
Name

Type Code Symbol Stamp N/A

Same as #2
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL AND VOLUME CONTROL ASME CODE CLASS 1

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCS-R761 x 2 x 3/8 CS ANGLE	M&E# 30-153030	ASP# 19842	N/A	A36 (90)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFY SUPPORT 2-GCS-RR761 PER DESIGN CHANGE DCP-0047.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C38820-16

DESIGN CHANGE: DCP-0047

REPAIR/REPLACEMENT TRAVELER: C38820-16

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Wayne Cretsinger (Signature)

Signed Wayne Cretsinger, Senior Planner Owner or Owner's Designee, Title

Date Dec 15, 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 6-2-97 to 1-12-98, 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 (Signature)

Commissions Mich 2055, 6012 NBI National Board, State, Province, Endorsements

Date January 12, 1998

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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NIS-2-409-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date September 11, 2000
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2
 Name
One Cook Place, Bridgman, MI 49106 C38911-01
 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 Safety Injection System ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GSI-1-816 Angle 2x2x3/8	M&E# 30-153030	ASP # 19842	N/A	A36 1990	N/A	Replacement	No
Steel Plate 8x1 1/2" Angle 2x2x3/8	M&E# 30-153186	ASP # 20152	N/A	A36 - 93	N/A	Replacement	No
Angle 2x2x3/8	M&E# 30-153030	ASP# 20174	N/A	A36 1990	N/A	Replacement	No

7. Description of work. Repair/Replace support 2-GSI-L-816 to establish required clearance

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM INS-2 (Back)

Remarks Applicable Manufacturer's Data Reports to be attached

Ref JOA: C38911-01

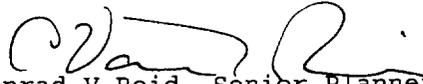
Repair / Replacement C38911-01 ISI Class 2

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 or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed  Date September 11, 20 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 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 8/22/97 to 9-12-97, 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, ENR N&I
 Inspector's Signature National Board, State, Province, Endorsements

Date Sept 12 20 00

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: 11-13-97
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C39250-01
One Cook Place, Bridgman, MI 49106 Component# 2-GCTS-S114-N
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY SYSTEM PIPE SUPPORT
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
<u>2-GCTS-S114-N</u>						
KIT, CONFIGURATION "A" 2-1/2	Material supplied by the Grinnell corp. mod. Kit For config. "A" 2-1/2" Snubber	GRINNELL	M & E 30-040551 ASP 19456	N/A	REPLACED	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A
 NDE: PRE-SERV. VT-3 Pressure: psi Test Temperature F.

Description of Work: INSTALLED GRINNELL CONFIGURATION "A" KIT ON CYLINDER REBUILT UNDER JO R68419-1. VT-3 WAS PERFORMED ON THE FUNCTIONAL TEST JOB ORDER R74352-01 PER 12MHP4330STP.029 WITH HARDCOPY JOA INCLUDED FOR REVIEW.

Job Order/File: C39250-01 **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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-7-00
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 Province of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 3-11-97 to 9-7-00, 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

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.

L J Blake Commissions Mi. 762 N&I
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept. 7 19 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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NIS-2-221-97

Owner AMERICAN ELECTRIC POWER COMPANY
Name

Date 12/16/97

P.O. Box 60 Fort Wayne, IN 46801
Address

Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT
Name

Unit # 2

One Cook Place, Bridgman, MI 49106
Address

C39506-01
Repair Org. P.O. No., Job No., etc

3. Work Performed by Installation Services
Name

Type Code Symbol Stamp N/A

Same as #2
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System RESIDUAL HEAT REMOVAL ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
2-GRH-R820 3/4 GA. CS PLATE	M&E# 30-153229	ASP# 18784	N/A	A527 (90)	N/A	REPLACE- MENT	NO
2-GRH-R820 1/2 CS PLATE	M&E# 30-153148	ASP# 16973	N/A	A36 (91)	N/A	REPLACE- MENT	NO

7. Description of Work REPAIR LOOSE SUPPORT 2-GRH-R820 AT ANCHORS.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C39506-01 DESIGN CHANGE: N/A

REPAIR/REPLACEMENT TRAVELER: C39506-01 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 or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Handwritten signature of Wayne Cretsinger

Signed Wayne Cretsinger, Senior Planner Date Dec 16, 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 6/5/97 to 1/22/98, 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.

Handwritten signature of Inspector

Commissions Mich OOST, END NIT National Board, State, Province, Endorsements

Date January 22, 1998

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

As Required by the Provisions of the ASME Code Section XI

49 OF 465

NIS-2-250-98

- Owner AMERICAN ELECTRIC POWER COMPANY Date 01/08/98
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C40468-07
 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 SAFETY INJECTION ASME CODE CLASS 2
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GSI-R806 1/ CS PLATE	M&E# 30-153123	ASP# 19041	N/A	A570 GR45 (92)	N/A	REPLACE- MENT	NO
2-GSI-V829 CS PLATE	M&E# 30-153211	ASP# 18738	N/A	A36 (90)	N/A	REPLACE- MENT	NO

7. Description of Work REWORK SUPPORTS 2-GSI-R806 AND 2-GSI-V829 PER DESIGN CHANGE DCP-116.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C40468-07 DESIGN CHANGE: DCP-116

REPAIR/REPLACEMENT TRAVELER: C40468-07 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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Wayne Cretsinger

Signed Wayne Cretsinger, Senior Planner Date July 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 12-17-97 to 1-29-98, 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 Michigan, END NBT National Board, State, Province, Endorsements

Date January 29, 1998

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

As Required by the Provisions of the ASME Code Section XI

51 OF 465

NIS-2-251-98

1. Owner AMERICAN ELECTRIC POWER COMPANY Date 01/08/98
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 3
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C40468-08
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System SAFETY INJECTION ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GSI-R803 2 x 2 x 3/8 CS ANGLE	M&E# 30-153030	ASP# 19842	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GSI-R809 3 x 3 x 1/4 TUBE STEEL	M&E# 30-150169	ASP# 19616	N/A	A500 GR B (90)	N/A	REPLACE- MENT	NO
2-GSI-R809 1/2 CS PLATE	M&E# 30-153188	ASP# 19061	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-GSI-R809 1/2 CS PLATE	M&E# 30-153145	ASP# 12240	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-GSI-R809 1/2 CS PLATE	M&E# 30-153148	ASP# 16973	N/A	A36 (91)	N/A	REPLACE- MENT	NO
2-GSI-R813 2 x 2 x 1/4 TUBE STEEL	M&E# 30-150165	ASP# 17922	N/A	A500 GR B (90)	N/A	REPLACE- MENT	NO
2-GSI-R813 1/2 CS PLATE	M&E# 30-153193	ASP# 18721	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-GSI-R813 1/2 HILTI BOLT	M&E# 30-046270	ASP# 16980	N/A	HILTI KB II 12-512	N/A	REPLACE- MENT	NO

7. Description of Work INSTALLED AND MODIFIED SUPPORTS 2-GSI-R803, 2-GSI-R809 AND 2-GSI-R813 PER DESIGN CHANGE DCP-116.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

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

As Required by the Provisions of the ASME Code Section XI

52 of 465

NIS-2-251-98

1. Owner AMERICAN ELECTRIC POWER COMPANY Date 01/08/98
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 3
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C40468-08
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System SAFETY INJECTION ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GSI-R813 ½ HILTI BOLT	M&E# 30-046271	ASP# 18649	N/A	HILTI KB II 12-7	N/A	REPLACE- MENT	NO
2-GSI-R813 1/8 CS PLATE	M&E# 30-153125	ASP# 18319	N/A	A570 GR45 (92)	N/A	REPLACE- MENT	NO
2-GSI-R813 ½ CS PLATE	M&E# 30-153147	ASP# 16476	N/A	A36 (90)	N/A	REPLACE- MENT	NO

7. Description of Work INSTALLED AND MODIFIED SUPPORTS 2-GSI-R803, 2-GSI-R809 AND 2-GSI-R813 PER DESIGN CHANGE DCP-116.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C40468-08

DESIGN CHANGE: DCP-116

REPAIR/REPLACEMENT TRAVELER: C40468-08

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 N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner
Owner or Owner's Designee, Title

Date JAN. 8, 19 98

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 ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 11-19-97 to 1-21-98, 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. M. Stimpert
Inspector's Signature

Commissions MICH, MASS, ENDR
National Board, State, Province, Endorsements

Date JANUARY 29 19 98

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

As Required by the Provisions of the ASME Code Section XI

NIS-2-248-97

1. Owner AMERICAN ELECTRIC POWER COMPANY Date 12/23/97
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C40468-10
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System SAFETY INJECTION ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
-GSI-V839 HILTI BOLT	M&E# 30-046280	ASP# 16861	N/A	HILTI KB II 34-8	N/A	REPLACE- MENT	NO
2-GSI-V839 3 x 3 x 3/8 CS ANGLE	M&E# 30-153032	ASP# 18722	N/A	A36 (90)	N/A	REPLACE- MENT	NO

7. Description of Work REWORK SUPPORT 2-GSI-V839 PER DESIGN CHANGE DCP-116.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C40468-10 DESIGN CHANGE: DCP-116

REPAIR/REPLACEMENT TRAVELER: C40468-10 ISI CLASS: 1

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Wayne Cretsinger

Signed Wayne Cretsinger, Senior Planner Owner or Owner's Designee, Title

Date Dec 13, 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS.

have inspected the components described in this Owner's Report during the period 6-25-97 to 1-29-98, 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 ASME B31, END N/A National Board, State, Province, Endorsements

Date January 29, 1998

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: 11-2-97
-
- P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C40817-02, 08
- One Cook Place, Bridgman, MI 49106 Component# 2-FW-138-1
- Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: AUXILIARY FEEDWATER
5. (a) Applicable Construction Code: ASME SEC III 1986 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
2-FW-138-1						
DISC	ASME SA-515 gr. 70	ATWOOD & MORRILL	M & E 30 034386 ASP 3267	N/A	REPLACED	NO
Anti Rotation Lug	ASTM A-36 1990 or newer	N/a	M&E# 30-153144 ASP# 15930	N/a	Installed	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a
- NDE: final VT & MT (welds) Pressure: psi Test Temperature F.

Description of Work: VALVE DISASSEMBLED FOR QC INSPECTION. REPLACED ARM/DISC ASSEMBLY.. ANTI ROTATION LUGS WELDED ONTO DISC (ACT 08), I.A.W. PLETDM# 95-016

Job Order/File: C40817-02 & 08 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-9-00
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 R I.

have inspected the components described in this Owner's Report during the period 12/2/97 to 9-9-00, 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

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 R Meterspaul Commissions MICHOSS, END N&I
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 9 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code, Section XI

1. Owner Indiana Michigan Power Company
Name

Date 12/11/97

One Summit Square, Ft. Wayne, IN 46802
Address

Sheet 1 of 2 Hubb

2. Plant Donald C. Cook
Name

Unit 2

One Cook Place, Bridgeman, MI 49106
Address

C004830-02
PCI CONTRACT-7415
Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed by Framatome Technologies
Name

Type Code Symbol Stamp NONE

155 Mill Ridge Road, Lynchburg, VA 24502
Address

Authorization No. N/A
 Expiration Date N/A

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code Section III, 83, 1983 Edition, Summer '84 Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989

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. #22	Westinghouse	MMGL11447	40	N/A	1988		Yes

7. Description of Work See Remarks

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ 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.



FORM NIS-2 (Back)

9. Remarks Installed Helicoil insert in steam generator #22 cold leg manway stud
hole location #10 to repair damaged threads. The insert was installed in
accordance with the requirements of code case N496-1.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date _____

Signed Harold Behrke OWNERS Date 1-5-, 19 98
Designee
Owner or Owner's Designee, Title 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 and the State or Province of Michigan and employed by FMIC of Johnston, RI have inspected the components described in this Owner's Report during the period 11/5/97 to 8/31/00, 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.

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.

Michael P. Anterspach Commissions MICH 0055, END NBE
Inspector's Signature National Board, State, Province, and Endorsements

Date August 31, 19 2000

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: 11-27-97
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C41096-02
One Cook Place, Bridgman, MI 49106 Component# 2-FW-138-4
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: AUXILIARY FEEDWATER
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add. Code Case: NONE
 (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
2-FW-138-4						
VALVE DISC	ASSME SA 515-GR. 70	ATWOOD MORRELL	EXISTING	N/A	REPAIRED	NO
STEEL BAR 1/2 IN X 1-1/2 IN	ASTM A36 1990 EDITION		M & E 30-153144 ASP 15930 (PICKED UNDER JO C40817-08)	N/A	REPAIRED	NO

7. Hydrostatic Pneumatic Nominal Operating Pressure _____
 N/A NDE: PT _____ Pressure: psi _____ Test Temperature _____ F.

Description of Work: WELDED ANTI ROTATION LUGS ONTO VALVE DISC . AFTER WHICH A PT OF THE WELDED AREA WAS PERFORMED .

Job Order/File: C0041096-02

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: *Dwayne Simpson* MAINT Supv. Welding Date 9-4-00
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 of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 5-30-97 to 9-5-00, 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

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 R Minter Commissions Mich 0055, ENR N&I
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 5 th 19 2000

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: 11-3-97
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C41167-02
One Cook Place, Bridgman, MI 49106 Component# 2-CS-430S
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: BORON RECOVERY (CVCS)
5. (a) Applicable Construction Code: ASME SEC III 1986 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
2-CS-430S						
BONNET ASSEMBLY	ASME SA-351 GR CF8	ITT ENGINEERED VALVES	M & E 30-040526 ASP 16618	N/A	REPLACED	NO
STUD BONNET ITT ENGINEERED VALVES	ASME SA-453 GR 660	ITT ENGINEERED VALVES	M & E 30 040576 ASP 14879	N/A	REPLACED	NO
NUT ITT ENGINEERED VALVES	ASME SA-194 GR 8F	ITT ENGINEERED VALVES	M & E 30 040562 ASP 14907	N/A	REPLACED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure √
 NDE: VT-2 FUNCTIONAL Pressure: psi Test Temperature F.

Description of Work: REPLACED BONNET ASSEMBLY, STUDS AND NUTS.

AN INSERVICE FUNCTIONAL VT-2 WAS PERFORMED IN ACT 07 (SAT) A COPY OF THE CREM

REMARKS FOR VERIFICATION IS PROVIDED WITHIN

Job Order/File: C41167-02 ISI Class 3

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-4-00
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 of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 11/3/97 to 9-9-00, 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

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. R. Wintergael Commissions Mich 0255, End NBE
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 9 19 2000

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

64 OF 465

As Required by the Provisions of the ASME Code Section XI

NIS-2-224-97

Owner AMERICAN ELECTRIC POWER COMPANY
Name

Date 12/17/97

P.O. Box 60 Fort Wayne, IN 46801
Address

Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT
Name

Unit # 2

One Cook Place, Bridgman, MI 49106
Address

C41297-01
Repair Org. P.O. No., Job No., etc

3. Work Performed by Installation Services
Name

Type Code Symbol Stamp N/A

Same as #2
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System FEEDWATER ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-AFW-L911 /8 CS PLATE	M&E# 30-153192	ASP# 15485	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-AFW-L911 1/8 CS PLATE	M&E# 30-153125	ASP# 16652	N/A	A570 GR45 (92)	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL SHIMS PER MDS-603 ON SUPPORT 2-AFW-L911.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks Applicable Manufacturer's Data Reports to be attached

Ref. JO: C41297-01 DESIGN CHANGE: N/A

REPAIR/REPLACEMENT TRAVELER: C41297-01 ISI CLASS: 3

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date Dec. 17, 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 7/25/97 to 1-23-98, 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.

[Signature] Commissions Mich 0055, EN 01
Inspector's Signature National Board, State, Province, Endorsements

Date JANUARY 23 19 98

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS **66 of 465**
 As Required by the Provisions of the ASME Code Section XI

NIS-2-225-97

Owner AMERICAN ELECTRIC POWER COMPANY Date 12/17/97
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C41349-01
 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 FEEDWATER ASME CODE CLASS 2
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GFW-L216 /16 CS -PLATE	M&E# 30-153201	ASP# 18215	N/A	A36 (90)	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL SHIM PER MDS-603 ON SUPPORT 2-GFW-L216.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks Applicable Manufacturer's Data Reports to be attached

Ref. JO: C41349-01 DESIGN CHANGE: N/A

REPAIR/REPLACEMENT TRAVELER: C41349-01 ISI CLASS: 3

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date DEC. 17, 19 97
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 ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 6-18-97 to 1-23 98, 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.

W.B. Matuszowicz Commissions MA, MASS, EN & NUT
Inspector's Signature National Board, State, Province, Endorsements

Date JANUARY 23 19 98

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: 10-8-97
P.O. Box 60 Fort Wayne IN 46801 Unit: 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order#: C41372-01
One Cook Place, Bridgman, MI 49106 Component#: 2-GFW-S873
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: FEEDWATER SYSTEM PIPE SUPPORT
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
2-GFW-S873						
PIN TAPERED LOAD	GRINNELL FIG #312 3/4 IN	GRINNELL	M & I 30-024975 ASP13571	N/A	REPLACED	NO

7. Hydrostatic Pneumatic Nominal Operating Pressure N/A
 NDE: PRE-SERV VT-3 / Pressure: psi Test Temperature F.

Description of Work: REMOVED OLD STYLE LOAD PIN FROM 2-GFW-S873. INSTALLED NEW STYLE PIN. WITH QC PRESENT PERFORMED AS LEFT INSPECTION (SAT).

Job Order/File: C41372-01 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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: Dwayne Yagers MAINT Sign, Welding Date 9-2-00
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 of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 6-20-97 to 9-5-00, 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

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

R Blake Commissions Mi. 762
Inspector's Signature National Board, State, Province, Endorsements

Date: 9-5 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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NIS-2-252-98

1. Owner AMERICAN ELECTRIC POWER COMPANY Date 01/08/98
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C41678-01
 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 CONTAINMENT SPRAY ASME CODE CLASS 2
 5. (a) Applicable Const. Code ANSI B31.1 1983Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCTS-R656 ¼ CS PLATE	M&E# 30-153132	ASP# 18884	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GCTS-R658 ¼ CS PLATE	M&E# 30-153132	ASP# 18884	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GCTS-R658 3/8 CS PLATE	M&E# 30-153143	ASP# 17466	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-GCTS-R660 3/8 CS PLATE	M&E# 30-153143	ASP# 17466	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-GCTS-R660 1/8 CS PLATE	M&E# 30-153125	ASP# 16652	N/A	A570 GR45 (92)	N/A	REPLACE- MENT	NO
2-GCTS-R666 3/8 CS PLATE	M&E# 30-153143	ASP# 17466	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
2-GCTS-R670 ¼ CS PLATE	M&E# 30-153132	ASP# 18884	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GCTS-R672 1/8 CS PLATE	M&E# 30-153125	ASP# 16652	N/A	A570 GR45 (92)	N/A	REPLACE- MENT	NO
2-GCTS-R672 ¼ CS PLATE	M&E# 30-153132	ASP# 18884	N/A	A36 (90)	N/A	REPLACE- MENT	NO

7. Description of Work REWORK SUPPORTS 2-GCTS-R656, 2-GCTS-R658, 2-GCTS-R660, 2-GCTS-R666, 2-GCTS-R670 & 2-GCTS-R672 TO CORRECT CLEARANCE GAPS PER MDS-603.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks Applicable Manufacturer's Data Reports to be attached

Ref. JO: C41678-01 DESIGN CHANGE: N/A

REPAIR/REPLACEMENT TRAVELER: C41678-01 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 or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed  Wayne Cretzinger, Senior Planner Date Jan. 8, 19 98
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 ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 5/20/97 to 1/29/98, 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 2053, End N & I
Inspector's Signature National Board, State, Province, Endorsements

Date January 29 19 98

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: 10-27-97
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C42239-02
One Cook Place, Bridgman, MI 49106 Component# 2-CTS-105E
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: _____ Containment Spray
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
2-CTS-105E	SA-351 gr. CF8M	Aloyco	M&E# 30-033610 ASP# 19956	N/a	Replaced	N/a
Pipe 3" sch 40	SA-312 tp304		P.O.# 66414-042-7 ASP# 19956	N/a	Replaced	N/a

7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure √
 NDE: VT/PT/RT Pressure: psi Test Temperature _____ F.

Description of Work: Removed undocumented flanges and installed valve directly to the piping per approved design drawing. Performed system leakage test iwa N-416-1 code case in lieu of a hydrostatic test performed on act.# 06. Creñ remarks provided for verification purposes.

Job Order/File: C42239-02 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-2-00
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 FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 10/6/97 to 9/5/00, 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

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. [Signature] Commissions MC-10055, END N&I
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 5 19 00

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: 11-1-97
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C42299-02
One Cook Place, Bridgman, MI 49106 Component# 2-GCS-R-35
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: PIPING SUPPORT
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
<u>2-GCS-R-35</u>						
NUT CLAMPING STD 5/8 IN 11 THRD (2)	P1012S-EG CARBON STEEL		M & E 30-072970 ASP 11240			
BOLT 5/8X1-1/2 IN UNC (2)	ASME SA193 GR-B7		M & E 30-046398 ASP 14377			

7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure N/A
 NDE: NONE Pressure: psi Test Temperature F.

Description of Work: REPLACED MISSING BOLTS & NUTS ON PIPE SUPPORT.

Job Order/File: C42299-01 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: *Dwayne Thompson* Date 9-2-00
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 of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 8-2-00 to 9-4-00, 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

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. H. Winterpugh Commissions Mich 0055, ENR N3I
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 7 19 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS **76 OF 465**
 As Required by the Provisions of the ASME Code Section XI

NIS-2-199-97

- Owner AMERICAN ELECTRIC POWER COMPANY Date 11/09/97
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 3
 Address
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C42380-01
 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 SAFETY INJECTION ASME CODE CLASS 2
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
90° SS ELBOW 3000#	M&E# 30-016998	ASP# 12420	N/A	SA182 GR F304	N/A	REPLACE-MENT	NO
2" 90° SS ELBOW 3000#	M&E# 30-016998	ASP# 15059	N/A	SA182 GR F304	N/A	REPLACE-MENT	NO
2" 45° SS ELBOW 3000#	M&E# 30-016978	ASP# 15045	N/A	SA182 GR F304	N/A	REPLACE-MENT	NO
2" SS TEE 3000#	M&E# 30-017194	ASP# 12804	N/A	SA182 GR F304	N/A	REPLACE-MENT	NO
2 x 3/4 SS RED. INSERT 3000#	M&E# 30-017028	ASP# 2217	N/A	SA182 GR F304	N/A	REPLACE-MENT	NO
2" SCH 40 SS PIPE	M&E# 30-016711	ASP# 19038	N/A	SA312 GR 304	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 Pneumatic Nominal Operating 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.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS 77 OF 465
 As Required by the Provisions of the ASME Code Section XI

NIS-2-199-97

Owner AMERICAN ELECTRIC POWER COMPANY Date 11/09/97
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 3
 Address
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C42380-01
 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 SAFETY INJECTION ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-SI-83 & 2-SI-54							
4" SCH 40 45 DEG SS ELBOW	M&E# 30-017815	ASP# 9256	N/A	SA403 GR WP304	N/A	REPLACEMENT	NO
4" SCH. 40 SS PIPE CAP	M&E# 30-017763	ASP# 1454	N/A	SA403 GR WP304	N/A	REPLACEMENT	NO
4" X 2" SS PIPET	P.O.# 66418-042-7	ASP# 19932	N/A	SA182 GR F304	N/A	REPLACEMENT	NO
2" SCH 40 SS PIPE	M&E# 30-016711	ASP# 13597	N/A	SA312 GR 304	N/A	REPLACEMENT	NO

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

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C42380-01 DESIGN CHANGE: DCP-853

REPAIR/REPLACEMENT TRAVELER: C42380-01 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 or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date Nov. 9, 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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 9/26/97 to 11/14/97, 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 MILL COSS, ENDNET National Board, State, Province, Endorsements

Date November 14, 1997

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS 79 of 465
 As Required by the Provisions of the ASME Code Section XI

NIS-2-200-97

- Owner AMERICAN ELECTRIC POWER COMPANY Date 11/09/97
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C42380-01
 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 SAFETY INJECTION ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
-ASI-R921 1/2" CS PLATE	M&E# 30-153186	ASP# 19662	N/A	A36 (93)	N/A	REPLACE- MENT	NO
2-ASI-R5017 2 x 2 x 1/4 TUBE STEEL	M&E# 30-150165	ASP# 17922	N/A	A500 GR B (90)	N/A	REPLACE- MENT	NO
2-ASI-R5017 1/4 CS PLATE	M&E# 30-153129	ASP# 19616	N/A	A36 (91)	N/A	REPLACE- MENT	NO
2-ASI-R5017 2 x 2 x 3/8 CS ANGLE	M&E# 30-153030	ASP# 19842	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-ASI-R5017 3/8 x 2 U-BOLT	M&E# 30-024112	ASP# 13582	N/A	FIG 137N	N/A	REPLACE- MENT	NO
2-ASI-R5017 1/4 SS PLATE	M&E# 30-153160	ASP# 12890	N/A	A479 TP304 (A90)	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL SUPPORTS FOR MODIFICATION OF RWST DRAIN LINE INTO DEAD LEG FOR LEVEL INSTRUMENTS PER DESIGN CHANGE DCP-853
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C42380-01 DESIGN CHANGE: DCP-853

REPAIR/REPLACEMENT TRAVELER: C42380-01 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 or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned  Wayne Cretsinger, Senior PlannerDate Nov. 9, 1997

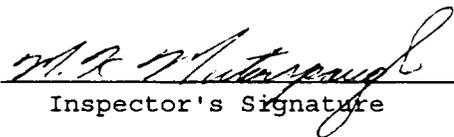
Owner or Owner's Designee, Title

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 Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS.

have inspected the components described in this Owner's Report during the period 9/26/97 to 11/14/97, 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, ENR N&I
Inspector's Signature National Board, State, Province, Endorsements

Date November 14 1997

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: 10-25-97
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C42421-03
One Cook Place, Bridgman, MI 49106 Component# 2-ICM-251
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Boron Injection
5. (a) Applicable Construction Code: ASME SEC III 1986 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
2-ICM-251			212142			
BONNET NUT	ASME SA-194 GR.8F	N/A	M&E# 30-212102 ASP# 16322	N/A	REPLACE	NO

7. Hydrostatic N/A Pneumatic _____ Nominal Operating Pressure √
 NDE: VT-2 Pressure: psi _____ Test Temperature _____ F.

Description of Work: REPLACE BONNET NUT. VT-2 REQUIRED PER KEN WORTHINGTON. ORIGINAL VT-2 ACT.# 14 ADMIN CLOSED OUT TO R74578-08 WITH CREM INCLUDED FOR REVIEW.

Job Order/File: C42421-03 ISI Class 1

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: *Dewayne Timmons*
Dewayne Timmons, welding supervisor Date 9-8-00
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 R I.

have inspected the components described in this Owner's Report during the period 12-27-97 to 9-9-00, 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

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.

Mike Matraspaugh Commissions Mich 0055, ENCL N&E
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 9 19 2000

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: 12-04-97
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C42791-02
One Cook Place, Bridgman, MI 49106 Component# 2-FW-132-1
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: AUXILIARY FEEDWATER
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add. Code Case: NONE
 (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
2-FW-132-1						
STEEL BAR FLAT 1/2 IN X 1-1/2 IN	ASTM A36 1990 EDITION	N/a	M & E 30-153144 ASP 12776	N/A	REPAIRED	NO

7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure _____ N/A
 NDE: .MT or PT for final weld _____ Pressure: psi _____ Test Temperature _____ F.

Description of Work: INSTALLED/WELDED ANTI ROTATION LUGS ON VALVE DISC I.A.W. PLETDM # 95-016. THE WELDS WERE INSPECTED BY QC USING PT METHOD OF INSPECTION. (SAT)

Job Order/File: C0042791-02

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: [Signature] MAINT Supv. Welding Date 9-2-00
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 ARKWRIGHT MUTUAL INS. CO.* OF Waltham, Mass.

have inspected the components described in this Owner's Report during the period 12-2-97 to 9-2-00, 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

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.

[Signature] Commissions Michigan, ENR N&I
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 2 19 2000

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: 11-17-97
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C43015-03
One Cook Place, Bridgman, MI 49106 Component# 2-CCW-135
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: COMPONENT COOLING WATER
5. (a) Applicable Construction Code: ASME SECT. III 1986 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
2-CCW-135						
PLUG, REMOVED FROM VALVE	ASTM A276, TP 316	CENTERLINE	M & E 30-034574 ASP 20051	N/A	REPLACED	NO

7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure _____ N/A
 NDE: NONE Pressure: psi Test Temperature _____ F.

Description of Work: DISASSEMBLED VALVE TO REPLACE VALVE INTERNALS.
NEW PARTS WERE DICATED PER DEDICATION PLAN PV-0057.
STEM PLUG MACHINED PER FABRICATION/ALTERATION PLAN PMI-5023.

Job Order/File: C43015-03 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 N/A

Certificate of Authorization No. N/A Expiration Date NA

Signed: *Dwayne Young* MAINT Super welding Date 9-9-00
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 11/24/97 to 9-9-00, 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

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 R Montemayor Commissions Mich 0055, ENR NFI
Inspector's Signature National Board, State, Province, Endorsements

Date: 9-9 19th 2000

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: 11-15-97
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C43016-06
One Cook Place, Bridgman, MI 49106 Component# 2-CCM-459
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: COMPONENT COOLING WATER
5. (a) Applicable Construction Code: ASME SECT. III 1986 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
2-CCM-459						
SCREW 3/4X4 IN 10 UNC	ASME SA193 GR B7	N/A	M & E 30-211345 ASP15684	N/A	REPLACED	NO
VALVE, BUTTERFLY 8 IN 150#	SA-516 GR. 70	PRATT MDL N2FII	M & E 30 042965 ASP 16713	N/A	REPLACED	NO

7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure N/A
 NDE: NONE Pressure: psi Test Temperature F.

**Description of Work: REMOVED EXISTING VALVE.
 INSTALLED NEW REPLACEMENT VALVE PER CE-97-0212.
 BOLTING ALSO REPLACED.
 AN IN-SERVICE VT-2 WAS PERFORMED IN ACT 10 (SAT).**

Job Order/File: C43016-06 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne A Timmons Maint. Supv. Welding Date 9-9-00
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 11-24-97 to 9-9-00, 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

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. METERNAU Commissions MICH 0055, ENR NFI
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 9 18 2000

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: 1-30-00
P.O. Box 60 Fort Wayne IN 46801 Unit#: 2
- 2. Plant: D.C.Cook Nuclear Power Plant Job Order#: C43876-01
One Cook Place, Bridgman, MI 49106 Component#: 2-RH-104W
- 3. Work Performed by: AEP/D.C. COOK Maintenance Department
- 4. Identification of System: RESIDUAL HEAT REMOVAL
- 5. (a) Applicable Construction Code: ASME SEC III 1986 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
2-RH-104W						
ROD	ASME SA-193	N/A	M & E 30 211660	N/A	REPLACED	NO
1-1/8 IN 8UN	GR B7		ASP17239			
NUT 1-1/8 IN 8UN	ASME SA194	N/A	M & E 30 211925	N/A	REPLACED	NO
	GR 2H		ASP 15684			

- 7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure _____
N/A _____ NDE: PRE-SERV VT-1 _____ Pressure: psi _____ Test Temperature _____ F.

Description of Work:

REPLACED BOLTING WITH NEW A193- B7 STUDS & A194 2H NUTS. _____

VT-1 was performed on act.#06 of which Crem remarks have been included for verification.

Job Order/File: C43876-01

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: Dewayne Timmons, welding supervisor Date 9-2-00
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 of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 1-28-00 to 9-5-00, 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

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.

[Signature] Commissions Mich 0055, CNR NEI
Inspector's Signature National Board, State, Province, Endorsement

Date: Sept 5 18 2000

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: 4-16-98
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C44024-03
One Cook Place, Bridgman, MI 49106 Component# 2-IMO-220
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY
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
2-IMO-220		ALOYCO				
WEDGE	A-351, CF8M		EXISTING	N/A	REPAIRED	NO

7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure _____
 NDE: PT, Pressure: psi Test Temperature _____ F.

Description of Work: DISASSEMBLED VALVE, MACHINED .004 FROM THE HEEL AND .002 FROM THE TOE. REASSEMBLED VALVE

Job Order/File: C44024-03 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: [Signature] Date 8-31-00
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 Province of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 4/7/98 to 9/1/00, 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

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.

[Signature] Commissions Michigan, CVI, NBT
Inspector's Signature National Board, State, Province, Endorsements

Date: September 1 19 2000

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: 12-3-99

-

P.O. Box 60 Fort Wayne IN 46801 Unit# 2

2. Plant: D.C.Cook Nuclear Power Plant Job Order# C44171-02

One Cook Place, Bridgman, MI 49106 Component# 2-RC-112-L3

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

4. Identification of System: REACTOR COOLANT

5. (a) Applicable Construction Code: ASME SECT. III 1986 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
2-RC-112-L3						
BONNET/CHAMBER	SA-479-XM19H	CONVAL	M & E 30-035414 ASP 21151	N/A	REPLACED	NO

7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure _____ N/A

NDE: NONE _____ Pressure: psi _____ Test Temperature _____ F.

Description of Work: REPLACED BONNET/CHAMBER ASSEMBLY

Job Order/File: C44171-02 ISI Class 1

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons MAINT Supv. Welding Date 9-7-00
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 12-9-99 to 9-7-00, 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

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.

R. Blake Commissions MI-762 NBI
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept. 7 10 2000

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: 01-22-00
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C44254-03
One Cook Place, Bridgman, MI 49106 Component# 2-IRV-311
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code: ASME SEC III 1986 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
2-IRV-311						
SEAL ASSEMBLY	ASME SA-351 CF8M	FISHER CONTROLS	M&E# 30-039730 ASP# 16658(from C34746-01) CANNABALIZATION~	N/A	REPLACE	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure √
 NDE: VT- INSERVICE TEST Pressure: psi Test Temperature F.

Description of Work: REPLACED HEAVY DUTY BALL SEAL. MATERIAL WAS PROCURED PER CANNABALIZATION FROM REFERENCED M&E# ON JOB ORDER C34746-01. VT-2 PERFORMED ON ACT# 10 WITH CREM PROVIDED FOR REVIEW.

Job Order/File: C44254-03 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-9-00
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 R I.

have inspected the components described in this Owner's Report during the period 8-11-00 to 9-9-00, 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

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.R. Waterspaul Commissions Mich 0055, End NEI
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 9 18th 2000

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: 4-16-98
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C44377-02
One Cook Place, Bridgman, MI 49106 Component# 2-CTS-123W
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY
5. (a) Applicable Construction Code: ASME SECT. III 1986 NO Add., Code Case: NONE
 (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
2-CTS-123W		ALOYCO				
VALVE, BONNET BOLT	SA 193-GR. B8		M & E 30-033596 ASP 1055	N/A	REPLACED	NO

7. Hydrostatic Pneumatic Nominal Operating Pressure
 NDE: NONE REQ Pressure: psi Test Temperature F.

Description of Work: REPLACED BONNET BOLT . BOLT WAS REMOVED FROM A LIKE FOR LIKE VALVE AS REPLACEMENT FOR DAMAGED BOLT ON OLD VALVE.

Job Order/File: C44377-02 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne A Timmons *Dewayne A Timmons* main Sup. Welding Date 9-9-00
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 5/11/99 to 9-9-00, 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

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.

[Signature] Commissions MICH 0055, ENR N&D
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 9 19 2000

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: 9-6-98
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C44406-04
One Cook Place, Bridgman, MI 49106 Component# 2-MRV-233
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: MAIN STEAM
5. (a) Applicable Construction Code: ASME SECT. III 1986 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
2-MRV-233		FISHER CONTROLS CO				
CAGE	ASTM A747 CB7CU1	FISHER CONTROLS CO	M & E 30-039866 ASP 19672	N/A	REPLACED	NO
PLUG (MAIN)	ASME SA479, TP. 316L	FISHER CONTROLS CO	M & E 30-040030 ASP 19379	N/A	REPLACED	NO
PLUG & STEM PILOT ASSY	ASTM A564-95	FISHER CONTROLS CO	M & E 30-040007 ASP 19947	NA/	REPLACED	NO

7. Hydrostatic Pneumatic Nominal Operating Pressure
 NDE: NONE Pressure psi Test Temperature F.

Description of Work: DISASSEMBLED, INSPECTED & REFURBISHED
VALVE USING NEW PARTS.

Job Order/File: C44406-04

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: [Signature] MAINT Sign. Welding Date 9-7-00
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 4/7/98 to 9-7-00, 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

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.

[Signature] Commissions Mich. 0055, ENR NPI
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 7 19 2000

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: 1-4-00

P.O. Box 60 Fort Wayne IN 46801 Unit# 2

2. Plant: D.C.Cook Nuclear Power Plant Job Order# C44707-²⁰~~04~~

One Cook Place, Bridgman, MI 49106 Component# 2-IMO-314

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

4. Identification of System: RESIDUAL HEAT REMOVAL

5. (a) Applicable Construction Code: ASME SECT. III 1986 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
2-IMO-314						
VALVE BODY	ASTM A351 GR. CF8M	ANCHOR VALVE	EXISTING	N/A	REPAIR	NO

7. Hydrostatic Pneumatic Nominal Operating Pressure N/A

NDE: VT/PT OF EXCAV. AREA PRIOR TO WELD / FINAL VT/PT FOLLOWING REPAIR

Pressure: psi Test Temperature F.

Description of Work: **PERFORMEED WELD BUILDUP ON THE BOTTOM SIDE OF THE LOWER WEDGE. FOLLOWING WELD BUILDUP THE AREA WAS MACHINED TO REQUIREMENTS OF PMI-5023 ATTACHMENT 3**

Job Order/File: C44707-04 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne A Timmons *Dewayne Timmons* MAINT SUPER. WELDING Date 9-9-00
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 Province of Michigan and employed by FMIC OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 1-3-00 to 9-9-00, 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

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 M. M. M. M. M. Commissions MICH 0055, END N&E
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 9 19 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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NIS-2-368-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Aug. 30, 2000
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2
 Name
One Cook Place, Bridgman, MI 49106 C44722-01
 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 Residual Heat ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
2-ARH-R4001 Sway Strut	M&E # 00-9666	ASP # 20875	N/A	Fig. # 211	N/A	Replacement	No
Plate 1"	M&E # 30-153214	ASP # 21149	N/A	A36- 1991	N/A	Replacement	No
Hilti Bolt 1"	M&E # 30-046288	ASP # 14640	N/A	KB II 1-12	N/A	Replacement	No
Jam Nut 1 1/4"	M&E # 00-19271	ASP # 22902	N/A	SA194 Gr 2H	N/A	Replacement	No
2-ARH-R4002 Sway Strut	M&E # 00-9665	ASP # 20875	N/A	Fig. # 211	N/A	Replacement	No
TS 6x6x3/8"	M&E # 00-15688	ASP # 22247	N/A	A500 Gr B	N/A	Replacement	No
Plate 3/4"	M&E # 30-153195	ASP # 15663	N/A	A36- 93A	N/A	Replacement	No
Plate 1"	M&E # 30-153214	ASP # 21149	N/A	A36 1991	N/A	Replacement	No
Hilti Bolt 1"	M&E # 30-046288	ASP # 14640	N/A	KB II 1-12	N/A	Replacement	No
Plate 1"	M&E # 30-153214	ASP # 21149	N/A	A36- 1991	N/A	Replacement	No

7. Description of work. Install Supports 2-ARH-R4001, 2-ARH-R4002, per DCP-0647.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C44722-01

Design Change DCP-0647

Repair / Replacement Plan C44722-01

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 or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date 09/08, 2000 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 3-31-00 to 9-8-00, 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.

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 Michigan, ENR N3I National Board, State, Province, Endorsements

Date Sept 8 20 00

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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NIS-2-365-00

1. Owner AMERICAN ELECTRIC POWER COMPANY
 Name
P.O. Box 60 Fort Wayne, IN 46801
 Address
 2. Plant D.C. COOK NUCLEAR POWER PLANT
 Name
One Cook Place, Bridgman, MI 49106
 Address
 3. Work Performed by Installation Services
 Name
Same as #2
 Address

Date Aug. 30, 2000
 Sheet 1 of 2
 Unit 2
C44722-07
 Repair Org. P.O. No., Job No., etc
 Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System Containment Spray ASME CODE CLASS 2
 5. (a) Applicable Const. Code ANSI B31.1 1983Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCTS-R63 Plate 1/2"	M&E # 30-153145	ASP # 21539	N/A	A36- 93A	N/A	Replacement	No

7. Description of work. Modify Support 2-GCTS-R63, per DCP-0647.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C44722-07

Design Change DCP-0647

Repair / Replacement Plan C44722-07

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date 09/03, 20 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 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 12-4-99 to 9-4-00, 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.

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 M. M. M... Commissions Michooss, Gvd. N.I. National Board, State, Province, Endorsements

Date Sept 4 20 00

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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NIS-2-367-00

1. Owner AMERICAN ELECTRIC POWER COMPANY
Name

Date Aug. 30, 2000

P.O. Box 60 Fort Wayne, IN 46801
Address

Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT
Name

Unit 2

One Cook Place, Bridgman, MI 49106
Address

C44722-09

3. Work Performed by Installation Services
Name

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Same as #2
Address

4. Identification of System Safety Injection ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 1983Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
2-GSI-R80 Angle 4x4x1/2"	M&E # 30-153018	ASP # 18271	N/A	A36-1990	N/A	Replacement	No
TS X3X1/4" Plate 1/2"	M&E # 30-150169	ASP # 21834	N/A	A500-1990	N/A	Replacement	No
	M&E # 30-153251	ASP # 15485	N/A	A36- 93A	N/A	Replacement	No
2-GSI-R82 Wide Flange 4 x 13 Plate 1/2"	M&E # 30-153288	ASP # 19609	N/A	A36- 90	N/A	Replacement	No
	M&E # 30-153252	ASP # 21526	N/A	A36- 93A	N/A	Replacement	No

7. Description of work. Modify Support 2-GSI-R80 and 2-GSI-R82, per DCP-0647.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

.. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C44722-09

Design Change DCP-0647

Repair / Replacement Plan C44722-09

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date 09/03, 2000 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 12-8-99 to 9-4-00, 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.

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.

M.R. Mottershead Commissions Michigan, ENR NFI Inspector's Signature National Board, State, Province, Endorsements

Date Sept 4 2000

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

As Required by the Provisions of the ASME Code Section XI

109 of 465

NIS-2-366-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Aug. 30, 2000
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2
 Name
One Cook Place, Bridgman, MI 49106 C44722-10
 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 Safety Injection ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GSI-R77 Wide Flange 4 x 13	M&E # 30-153288	ASP # 19609	N/A	A36- 90	N/A	Replacement	No

7. Description of work. Modify Support 2-GSI-R77, per DCP-0647.
-
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C44722-10

Design Change DCP-0647

Repair / Replacement Plan C44722-10

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date 09/03, 2000 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 8-3-00 to 9-4-00, 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.

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 Michigan, END NSE National Board, State, Province, Endorsements

Date Sept 4 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS 111 OF 465
As Required by the Provisions of the ASME Code Section XI

NIS-2-369-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Aug. 30, 2000
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2
 Name
One Cook Place, Bridgman, MI 49106 C44722-12
 Address
3. Work Performed by Installation Services Repair Org. P.O. No., Job No., etc
 Name Type Code Symbol Stamp N/A
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Chemical and Volume Control ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCS-R64 Plate 3/4"	M&E # 30-153217	ASP # 22278	N/A	A36-1991	N/A	Replacement	No
Plate 1"	M&E # 30-153214	ASP # 21149	N/A	A36-1991	N/A	Replacement	No
2-GCS-R101 Plate 3/4"	M&E # 30-153217	ASP # 22278	N/A	A36-1991	N/A	Replacement	No
Plate 1/2"	M&E # 30-153147	ASP # 21895	N/A	A36-1990	N/A	Replacement	No
Hilti Bolt 3/4"	M&E # 30-046281	ASP # 19083	N/A	HKB II 34-10	N/A	Replacement	No

7. Description of work. Modify / Install supports 2-GCS-R64 and 2-GCS-R101 as per DCP-0647.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C44722-12

Design Change DCP-0647

Repair / Replacement Plan C44722-12

ISI Class 3

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date 09/03, 2000 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 1-27-00 to 9-4-00, 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.

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 Michigan, RI, NSE National Board, State, Province, Endorsements

Date Sept 4 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS 113 of 465
As Required by the Provisions of the ASME Code Section XI

NIS-2-371-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Aug. 30, 2000
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2
 Name
One Cook Place, Bridgman, MI 49106 C44722-15
 Address
3. Work Performed by Installation Services Repair Org. P.O. No., Job No., etc
 Name Type Code Symbol Stamp N/A
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Containment Spray ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-ACTS-R4000 Nut 7/8"	M&E # 30-211900	ASP # 15684	N/A	SA194 GR 2H	N/A	Replace- ment	No
2-ACTS-R4001 Sway Strut	M&E #	ASP # 20875	N/A	Fig # 211	N/A	Replace- ment	No
1/2" Hilti Bolt	M&E # 30-046271	ASP # 21920	N/A	HKB II 12-7	N/A	Replace- ment	No
Plate 1/2"	M&E # 30-153193	ASP # 21962	N/A	A36- 93A	N/A	Replace- ment	No
2-GCTS-R65 Plate 1/2"	M&E # 30-153147	ASP # 21895	N/A	A36-1990	N/A	Replace- ment	No
Plate 1/2"	M&E # 30-153149	ASP # 21519	N/A	A36- 93A	N/A	Replace- ment	No
2-ACTS-R4006 Sway Strut	M&E #	ASP # 22344	N/A	Fig # 640	N/A	Replace- ment	No
Plate 1/2"	M&E # 30-153193	ASP # 21962	N/A	A36- 93A	N/A	Replace- ment	No
Hilti Bolt 1/2"	M&E # 30-046271	ASP # 21920	N/A	HKB II 12-7	N/A	Replace- ment	No

7. Description of work. Modify / Supports 2-ACTS-R4000, 2-ACTS-R4001, 2-ACTS-R4006 and 2-GCTS-R65 per DCP-0647.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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 the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C44722-15

Design Change DCP-0647

Repair / Replacement Plan C44722-15

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date 05/08, 20 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 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 1-27-00 to 9-8-00, 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.

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 Nichols, ENR NBT National Board, State, Province, Endorsements

Date 9-8 20 00

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

115 OF 465

NIS-2-370-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Aug. 30, 2000
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2
 Name
One Cook Place, Bridgman, MI 49106 C44722-16
 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 Safety Injection ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GRH-R814 Angle 1½"x1½"x ¼"	M&E # 30-153010	ASP # 21519	N/A	A36-1993	N/A	Replacement	No
2-ARH-R4006 plate ½"	M&E # 30-153211	ASP # 22134	N/A	A36-1990	N/A	Replacement	No
3 3x3x ¼"	M&E # 30-150169	ASP # 21834	N/A	A500-1990	N/A	Replacement	No
TS 2 x 2 x ¼"	M&E # 30-150165	ASP # 21507	N/A	A500-1990	N/A	Replacement	No
Hilti Bolt ½"	M&E # 30-046270	ASP # 16980	N/A	HKB II 12-512	N/A	Replacement	No
Hilti Bolt 5/8"	M&E # 30-046274	ASP # 14398	N/A	HKB II 58-812	N/A	Replacement	No
Beveled Washer 5/8"	M&E # 30-047741	ASP # 12496	N/A	F-436-89	N/A	Replacement	No
2-ARH-R4007 Sway Strut	M&E # 00-9669	ASP # 20875	N/A	Fig 211	N/A	Replacement	No
Plate ½"	M&E # 30-153211	ASP # 22134	N/A	A36-1990	N/A	Replacement	No
Hilti Bolt ½"	M&E # 30046271	ASP # 21920	N/A	HKB II 12-7	N/A	Replacement	No

7. Description of work. Modify / Supports 2-GRH-814, 2-ARH-R4006 and 2-ARH-R4007, as per DCP-0647

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

E: 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)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C44722-16

Design Change DCP-0647

Repair / Replacement Plan C44722-16

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date 09/08, 20 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 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 1-27-00 to 9-8-00, 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.

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 0055, END NEE National Board, State, Province, Endorsements

Date Sept 8 20 00

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

As Required by the Provisions of the ASME Code Section XI

NIS-2-372-00

1. Owner AMERICAN ELECTRIC POWER COMPANY
Name

Date Aug 31, 2000

P.O. Box 60 Fort Wayne, IN 46801
Address

Sheet 2 of 3

2. Plant D.C. COOK NUCLEAR POWER PLANT
Name

Unit 2

One Cook Place, Bridgman, MI 49106
Address

C44722-18

3. Work Performed by Installation Services
Name

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Same as #2
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System Residual Heat ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
2-ARH-R4012 MiniSway Strut	M&E #	ASP# 22344	N/A	Fig 222	N/A	Replacement	No
late 3/4"	M&E # 30-153195	ASP # 15663	N/A	A36- 93A	N/A	Replacement	No
Hilti Bolt 1/2"	M&E # 30-046270	ASP # 16980	N/A	HKB II 12-512	N/A	Replacement	No
Hilti Bolt 5/8"	M&E # 30-046272	ASP # 16284	N/A	HKB II 58-6	N/A	Replacement	No
Hilti Bolt 5/8"	M&E # 30-046274	ASP # 17865	N/A	HKB II 58-812	N/A	Replacement	No
Hilti Bolt 5/8"	M&E # 30-046272	ASP # 16284	N/A	HKB II 58-6	N/A	Replacement	No
Hilti Bolt 1/2"	M&E # 30-046271	ASP # 21920	N/A	HKB-II 12-7	N/A	Replacement	No
Plate 3/4"	M&E # 30-153195	ASP # 22402	N/A	A36- 93A	N/A	Replacement	No
Plate 3/4"	M&E # 30-153217	ASP # 21885	N/A	A36-1991	N/A	Replacement	No
TS 4x4x3/8"	M&E # 30-153271	ASP # 22281	N/A	A500- 93	N/A	Replacement	No
Hilti Bolt 5/8"	M&E # 30-046274	ASP # 17865	N/A	HKB II 58-812	N/A	Replacement	No

7. Description of work. Install supports 2-ARH-R4009, 2-ARH-R4011, 2-ARH-R4012 as per DCP-0647

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA C44722-18

Design Change DCP-0647

Repair / Replacement Plan C44722-18

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date 09/08, 20 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 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 2-3-00 to 9-8-00, 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.

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 DOSS, END NET National Board, State, Province, Endorsements

Date Sept 8 20 00

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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Page 1 of 4
NIS-2-358-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Aug. 29, 00
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 4
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2
 Name
One Cook Place, Bridgman, MI 49106 C44722-19
 Address
3. Work Performed by Installation Services Repair Org. P.O. No., Job No., etc
 Name Type Code Symbol Stamp N/A
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Residual Heat ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
2-ARH-R4008 TS 3x3x 1/4"	M&E # 30-150169	ASP # 22500	N/A	A500 1990	N/A	Replace- ment	No
PLATE 1/2"	M&E # 30-153149	ASP # 22134	N/A	A36- 93A	N/A	Replace- ment	No
Angle 3x3x 1/4"	M&E # 30-153016	ASP # 20766	N/A	A36- 1991	N/A	Replace- ment	No
U-Bolt 1/2"X3 Fig 137N	M&E # 30-024116	ASP # 16149	N/A	FIG. 137N	N/A	Replace- ment	No
TS 4x4x 1/4"	M&E # 30-153269	ASP # 22500	N/A	A500 1993	N/A	Replace- ment	No
Plate 1/2"	M&E # 30-153193	ASP # 22586	N/A	A36- 93A	N/A	Replace- ment	No
Plate 1/4"	M&E # 30-153197	ASP # 17870	N/A	A36- 93A	N/A	Replace- ment	No
Hilti KB II 1/2"	M&E # 30-046271	ASP # 21920	N/A	KB II 12-7	N/A	Replace- ment	No
2-ARH-R4005 Plate 1/2"	M&E # 30-153193	ASP # 21962	N/A	A36- 93A	N/A	Replace- ment	No
Hilti KB II 1/2"	M&E # 30-046270	ASP # 21944	N/A	KBII 12-512	N/A	Replace- ment	No
Angle 2 x 2 x 3/8"	M&E # 30-153030	ASP # 21574	N/A	A36 1990	N/A	Replace- ment	No

7. Description of work. Modify / Install supports 2-ARH-R-4003, 2-ARH-R-4008, 2-GRH-R815 2-ARH-R4004 and 2-ARH-R4005

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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 (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

121 OF 465

Page 2 of 4
NIS-2-358-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Aug. 29, 00
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 4
 Address
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2
 Name
One Cook Place, Bridgman, MI 49106 C44722-19
 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 Residual Heat ASME CODE CLASS 2
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-ARH-R4004 Plate 1/2"	M&E # 30-153188	ASP # 21858	N/A	A36- 93A	N/A	Replace-ment	No
Hilti KB II 3x3x 1/4"	M&E # 30-046270	ASP # 21944	N/A	KBII 12-512	N/A	Replace-ment	No
Angle 2x2x 1/4"	M&E # 30-153012	ASP # 21892	N/A	A36- 1990	N/A	Replace-ment	No
2-ARH-R4003 Plate 1"	M&E # 30-153181	ASP # 21536	N/A	A36- 91	N/A	Replace-ment	No
Hilti KB II 1" Plate 1"	M&E # 30-046288	ASP # 22613	N/A	KB II 1-12	N/A	Replace-ment	No
Plate 1/4"	M&E # 30-153214	ASP # 21149	N/A	A36- 1991	N/A	Replace-ment	No
TS 4x2x 1/4"	M&E # 00-19041	ASP # 22614	N/A	A500-96 GR. B	N/A	Replace-ment	No
Strut Fig 211	M&E # 00-009667	ASP # 20875	N/A	Fig 211 Strut	N/A	Replace-ment	No
Strut Fig 211	M&E # 00-009668	ASP # 20875	N/A	Fig 211 Strut	N/A	Replace-ment	No

7. Description of work. Modify / Install supports 2-ARH-R-4003, 2-ARH-R-4008, 2-GRH-R815 2-ARH-R4004 and 2-ARH-R4005

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

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

As Required by the Provisions of the ASME Code Section XI

122 OF 465

NIS-2-358-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Aug. 29, 00
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 4
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2
 Name
One Cook Place, Bridgman, MI 49106 C44722-19
 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 Residual Heat ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GRH-R815 late 3/8"	M&E # 30-153142	ASP # 21834	N/A	A36- 1990	N/A	Replacement	No
Angle 5x5x 5/8"	M&E # 30-153039	ASP # 21149	N/A	A36- 1993	N/A	Replacement	No
All Thread Rod 1/2"	M&E # 30-211592	ASP # 16719	N/A	SA193 GR B7	N/A	Replacement	No
Nuts 1/2"	M&E # 30-046621	ASP # 13381	N/A	SA194 GR 2H	N/A	Replacement	No

7. Description of work. Modify / Install supports 2-ARH-R-4003, 2-ARH-R-4008, 2-GRH-R815 2-ARH-R4004 and 2-ARH-R4005

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C44722-19

Design Change DCP-0647

Repair / Replacement Plan C44722-19

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date 8/29, 20 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 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 2-3-00 to 9-6-00, 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.

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 0055, END N&I National Board, State, Province, Endorsements

Date Sept 6 20 00

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

124 of 465

As Required by the Provisions of the ASME Code Section XI

NIS-2-357-00

Owner AMERICAN ELECTRIC POWER COMPANY
Name

Date Aug 29 2000

P.O. Box 60 Fort Wayne, IN 46801
Address

Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT
Name

Unit 2

One Cook Place, Bridgman, MI 49106
Address

C44722-30

3. Work Performed by Installation Services
Name

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Authorization No. N/A

Same as #2
Address

Expiration Date N/A

4. Identification of System Safety Injection ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
2-GSI-R35 Plate 1/2"	M&E # 30-153188 †	ASP # 21858	N/A	A36- 93A	N/A	Replacement	No
Plate 1/2"	M&E # 30-153148 †	ASP # 22500	N/A	A36- 1991	N/A	Replacement	No
Hilti KB 11	M&E # 30-046270 †	ASP # 21944	N/A	KB11 12-512	N/A	Replacement	No
2-GSI-R37 Plate 1/2"	M&E # 30-153149 †	ASP # 22134	N/A	A36- 93A	N/A	Replacement	No
Plate 1/2"	M&E # 30-153148 †	ASP # 22500	N/A	A36- 1991	N/A	Replacement	No
Hilti KB 11	M&E # 30-046270 †	ASP # 21944	N/A	KB11 12-512	N/A	Replacement	No
2-GSI-R812 Plate 3/8"	M&E # 30-153142 †	ASP # 21834	N/A	A36- 1990	N/A	Replacement	No
2-GSI-R814 Angle 2 1/2"x2 1/2" X 3/8	M&E # 30-153031 †	ASP # 22349	N/A	A36- 1991	N/A	Replacement	No
Angle 2x2x3/8"	M&E # 30-153030 †	ASP # 21574	N/A	A36- 1990	N/A	Replacement	No
Angle 2x2x1/4"	M&E # 30-153012 †	ASP # 21657	N/A	A36- 1990	N/A	Replacement	No
2-GSI-S51	M&E # N/A	ASP # N/A	N/A	N/A	N/A	N/A	N/A

7. Description of work Modify supports 2-GSI-R35, 2-GSI-R37, 2-GSI-R812, 2-GSI-R814 and demo support 2-GSI-S51 no material

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C44722-30

Design Change DCP-0647

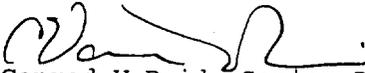
Repair / Replacement Plan C44722-30

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 N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed  Date 09/02, 20 00
 Conrad V Reid, Senior Planner
 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 8-1-00 to 9-4-00, 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.

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, ENR N&I
 Inspector's Signature National Board, State, Province, Endorsements

Date SEPT 4 20 00

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

126 OF 465

NIS-2-363-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Aug 29, 2000
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 3
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2
 Name
One Cook Place, Bridgman, MI 49106 C44722-38
 Address
3. Work Performed by Installation Services Repair Org. P.O. No., Job No., etc
 Name
Same as #2 Type Code Symbol Stamp N/A
 Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System Residual Heat ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GRH-R820 Angle 2x2x3/8"	M&E # 30-153030 †	ASP # 22306	N/A	A36 1990	N/A	Replacement	No
Plate 1/2"	M&E # 30-153188 †	ASP # 21858	N/A	A36- 93A	N/A	Replacement	No
Hilti KB II 1/2"	M&E # 30-046270 †	ASP # 21944	N/A	KB II 12-512	N/A	Replacement	No
Plate 1/2"	M&E # 30-153226 †	ASP # 22683	N/A	A240- 91A	N/A	Replacement	No
Angle 3x3x3/8"	M&E # 30-153032 †	ASP # 15971	N/A	A36- 1990	N/A	Replacement	No
Washer Plate 1/2"	M&E # 30-153186 †	ASP # 21990	N/A	A36- 93	N/A	Replacement	No
2-GRH-R2 Plate 5/8"	M&E # 30-153194 †	ASP # 22845	N/A	A36- 93	N/A	Replacement	No
Plate 5/8"	M&E # 30-153194 †	ASP # 19148	N/A	A36- 93	N/A	Replacement	No

7. Description of work Modify supports 2-GRH-R2, 2-GRH-R19, 2GRH-V813, 2-GRH-R820 and demo support 2-GRH-R27

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks Applicable Manufacturer's Data Reports to be attached

Ref. JOA C44722-38 Design Change DCP-0647

Repair / Replacement Plan C44722-38 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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed  Date 09/02, 20 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 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 7-16-00 to 9-4-00, 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.

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, ENR N&E
 Inspector's Signature National Board, State, Province, Endorsements

Date Sept 4 20 00

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

129 of 465

NIS-2-364-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Aug 29, 2000
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2
 Name
One Cook Place, Bridgman, MI 49106 C44722-39
 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 Containment Spray ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCTS-L59 Angle 4x4x3/8	M&E # 30-153034	ASP# 11779	N/A	A36-1990	N/A	Replacement	No
Shim Stock 5 Gauge	M&E # 30-153237	ASP # 22134	N/A	A240- 92B	N/A	Replacement	No

7. Description of work Modify support 1-GCTS-L59 Per DCP-0647

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks Applicable Manufacturer's Data Reports to be attached

Ref. JOA C44722-39 Design Change DCP-0647

Repair / Replacement Plan C44722-39 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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed  Date 09/02, 20 00
Conrad V Reid, Senior Planner
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 3-22-00 to 9-1-00, 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.

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 MICH0055, ENDN3E
Inspector's Signature National Board, State, Province, Endorsements

Date SEP 4 20 00

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

As Required by the Provisions of the ASME Code Section XI

131 of 465

NIS-2-362-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Aug 29, 2000
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2
 Name
One Cook Place, Bridgman, MI 49106 C44722-44
 Address
3. Work Performed by Installation Services Repair Org. P.O. No., Job No., etc
 Name Type Code Symbol Stamp N/A
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Safety Injection ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
Split reinforcement pipe saddle 8" x 24"	M&E # 00-019555	ASP# 22833	N/A	SA 240 Type 304	N/A	Replacement	No

7. Description of work. Install 8" x 24" split reinforcement saddle per DCP-0647.
-
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA C44722-44

Design Change DCP-0647

Repair / Replacement Plan C44722-44

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date 09/06, 2000 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 3-24-00 to 9-6-00, 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.

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 Michigan, CNQ NFE National Board, State, Province, Endorsements

Date Sept 6 2000

FORM NIS-2 (Back)

Remarks Applicable Manufacturer's Data Reports to be attached

Ref. JOA C44722-45 Design Change DCP-0647

Repair / Replacement Plan C44722-45 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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed  Date 9/2, 2000
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 3-24-00 to 9/6/00, 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.

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

Date Sept 6 2000

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS 135 of 465
As Required by the Provisions of the ASME Code Section XI

NIS-2-403-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Sep. 5, 00
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2
 Name
One Cook Place, Bridgman, MI 49106 C45628-29
 Address
 Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Containment Spray ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
Plate 3/8"	M&E # 30-153192	ASP # 15485	N/A	A36-1993	N/A	Replacement	No
Plate 1/4"	M&E # 30-153195	ASP # 15663	N/A	A-36-93A	N/A	Replacement	No
Plate 1"	M&E # 30-153124	ASP # 21499	N/A	A36-1991	N/A	Replacement	No
Plate 1/2"	M&E # 30-153193	ASP # 21526	N/A	A-36-93A	N/A	Replacement	No
U-Bolt 10"	M&E # 00-17390	ASP # 22302	N/A	SA-36 SA-194 2H	N/A	Replacement	No
Plate 1/4"	M&E # 30-153129	ASP # 17917	N/A	A-36-91	N/A	Replacement	No

7. Description of work. Reinstall structural support for hanger 2-ACTS-R7A

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref JOA: C45628-29

Repair / Replacement C45628-29

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

[Handwritten Signature]

Signed Conrad V Reid, Senior Planner Date 09/07, 2000 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 12-22-99 to 9-8-00, 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.

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.

[Handwritten Signature] Inspector's Signature

Commissions Mich, DSSS, ENR N&E National Board, State, Province, Endorsements

Date Sept 8 2000

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: 12-16-99
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C45762-03
One Cook Place, Bridgman, MI 49106 Component# 2-SI-161-L3
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code: ANSI B31.1, 1983 ed NO Add., Code Case: N-416
 (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
2-SI-161-L3		ALOYCO				
VALVE BODY	ASME-SA-351		EXISTING	N/A	REPAIRED	NO
PIPE 6" SCH. 160	ASME-SA-376		EXISTING	N/A	REPAIRED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a
 N/A NDE: PT Pressure: psi Test Temperature F.

Description of Work: REMOVED SURFACE INDICATIONS BY DEBURRING THE AMOUNT OF METAL REQUIRED TO ACHIEVE ACCEPTABLE NDE.

Job Order/File: C45762-03 **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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding Supervisor Date 9-2-00
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 **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 8-10-98 to 9-4-00, 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

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.

[Signature] Commissions MICHIGAN, ENR N.B.I.
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 4 19 2000

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: 0127-00

P.O. Box 60 Fort Wayne IN 46801 Unit# 2

2. Plant: D.C.Cook Nuclear Power Plant Job Order# C46486-01

One Cook Place, Bridgman, MI 49106 Component# 2-CS-300E

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

4. Identification of System: CHARGING (CVCS)

5. (a) Applicable Construction Code: ASME SECT. III 1986 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
2-CS-300E						
VALVE	SA182-316	CONVAL	EXISTING	N/A	REPAIRED	NO
STEM/DISC PER EE-2000-0045	STEM - SA479 DISC- SA479	CONVAL	M & E 30-035589 ASP21605	N/A	REPLACED	NO
YOKE	SA182 F316,	CONVAL	M & E 30-035830 ASP 8934	N/A	REPLACED	NO
PACKING CHAMBER	SA-479- F316	CONVAL	M & E 30-035297 ASP 14660	N/A	REPLACED	NO

7. Hydrostatic Pneumatic Nominal Operating Pressure N/A

NDE VT-2 Pressure: psi Test Temperature F.

Description of Work: DISASSEMBLED VALVE, REPLACED PARTS AS REQUIRED.

MACHINED INBODY SEATS.

VT-2 PERFORMED UNDER R75201-11 (SAT).

Job Order/File: C46486-01 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne A Timmons MAINT Supv. Welding Date 9-8-00
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 1-27-00 to 9-9-00, 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

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.

[Signature] Commissions MICH 0055, ENR NFI
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 9 19 2000

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: 01-11-00
 -
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C46710-01
One Cook Place, Bridgman, MI 49106 Component# 2-HE-18W
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY
5. (a) Applicable Construction Code: ANSI SECT. III 1992, 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
2-HE-18W						
STUDS, 3/4 IN 10 UNC	ASME SA-193 GR B7	N/A	M & E 30-211620 ASP 21533	N/A	REPLACED	NO
NUTS, 3/4 IN 10 UNC	ASME SA194 GR 2H	N/A	M 7 E 30-21121890 ASP21890	N/A	REPLACED	NO

7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure N/A
 NDE: NONE Pressure: psi Test Temperature _____ F.

**Description of Work: REPLACED BOLTING MATL. ONE FOR ONE STUD
 REPLACEMENT TO CORRECT LACK OF THREAD ENGAGEMENT.**

Job Order/File: C46710-01 ISI Class 3

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dwight Johnson Maint. Supv. Welding Date 9-5-00
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 FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 9/30/99 to 9/5/00, 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

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.

[Signature] Commissions MICHIGAN, END N&I
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 5 19 2000

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: 12-17-99
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C47314-01
One Cook Place, Bridgman, MI 49106 Component# 2-IRV-300
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code: ASME SECT. III 1986 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
2-IRV-300						
TRIM ASSEMBLY	ASME-SA564, GR. 630 TYPE 17-4	COPES- VULCAN	M & E 30-036086 ASP 15163	N/A	REPLACED	NO

7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure _____
 N/A _____ NDE: NONE _____ Pressure: psi _____ Test Temperature _____ F.

Description of Work: DISASSEMBLED VALVE. INSPECTED. REASSEMBLED THE VALVE USING A NEW TRIM ASSEMBLY.

Job Order/File: C47314-01 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: [Signature] MAINT SUPER. WELDING Date 9-4-00
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 of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 12-13-99 to 9-5-00, 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

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.

[Signature] Commissions MICH 2055, ENDR 45
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 5 19 2000

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: 3-19-99
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C47442-01
One Cook Place, Bridgman, MI 49106 Component# 2-QRV-251
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CHARGING (CVCS)
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add., Code Case: NONE
 (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
2-QRV-251						
TRIM ASSEMBLY (plug)	ASME SA-564 GR.630 86 Ed.	MASN + DRESSER INDUSTRIES	M & E 30-036160 ASP 13191	N/A	REPLACED	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: REPLACE VALVE TRIM ASSEMBLY WHICH INCLUDED THE VALVE'S PLUG.

Job Order/File: C47442-01 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding Supervisor Date 9-4-00
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 of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 12-4-98 to 9-5-00, 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

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.

[Signature] Commissions Mi. 762
Inspector's Signature National Board, State, Province, Endorsements

Date: 9-5 10 2000

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: 1-25-00
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C47453-02
One Cook Place, Bridgman, MI 49106 Component# 2-QRV-200
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CHARGING (CVCS)
5. (a) Applicable Construction Code: ASME SECT. III 1980 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
2-QRV-200						
PLUG MASONEILAN 009142-085-1S6	ASME A479-80	DRESSER IND, MASONEILAN	M & E 30 042035 ASP 13071	N/A	REPLACED	NO

7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure _____
 NDE: IN-SERV PMT Pressure: psi Test Temperature _____ F.

Description of Work: DISASSEMBLED VALVE AND INSPECTED PARTS FOR SERVICEABILITY. VALVE PLUG FAILED BLUE CHECK. REPLACEMENT PLUG NOT LIKE FOR LIKE, A173379-E7 IDENTIFIES PARTS AS ACCEPTABLE PER EE-2000-0071. REASSEMBLED VALVE AND INSTALLED VALVE BACK INTO SYSTEM.

Job Order/File: C47453-02

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: Dwayne Simpson Owner or Owner's Designee, Title Date 9-5-00

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 FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 12/14/98 to 9/5/00, 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

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: [Signature] Commissions: Mich 0055, ENR N&I National Board, State, Province, Endorsements

Date: SEPT 5 2000

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: 1-11-00
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C47470-02
One Cook Place, Bridgman, MI 49106 Component# 2-IRV-320
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code: ASME SEC III 1986 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
<u>2-IRV-320</u>						
KIT HD METAL BALL SEAL FOR FISHER V100 8 "BALL VALVE,	SEAL PROT. RING SA351 METAL BALL SEAL SAA743	FISHER	M & E 30 038980 ASP 22805	N/A	REPLACED	NO

7. Hydrostatic Pneumatic Nominal Operating Pressure N/A
 NDE: SYSTEM IN SERV. VT-2 Pressure: psi Test Temperature F.

Description of Work: REMOVED EXISTING VALVE FROM SYSTEM. DISASSEMBLED VALVE, QC PERFORMED SERVICEABILITY INSPECTION OF PARTS (SAT). REPACKED VALVE, INSTALLED HD METAL BALL SEAL. INSTALLED VALVE BACK INTO SYSTEM. VT-2 PERFORMED ON ACT.# 08 OF WHICH CREM REMARKS ARE INCLUDED FOR VERIFICATION.

Job Order/File: C47470-02

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-2000
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 FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 1-4-00 to 9-7-00, 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

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.

Michael N. Nitz Commissions Michigan, End NIT
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 7 18 2000

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: 12-16-99

-
P.O. Box 60 Fort Wayne IN 46801 Unit# 2

2. Plant: D.C.Cook Nuclear Power Plant Job Order# C47727-01
One Cook Place, Bridgman, MI 49106 Component# 2-RC-103-L4

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

4. Identification of System: REACTOR COOLANT

5. (a) Applicable Construction Code: ASME SECT. III 1986 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
2-RC-112-L3 <i>KW</i> <u>2-RC-103L4</u>						
BONNET/CHAMBER	SA-479-XM19H	CONVAL	M & E 30-035414 ASP 21151	N/A	REPLACED	NO
STEM ASSEMBLY	STEM SA479 XM19H DISC AMS 5387	CONVAL	M & E 30-035574 ASP 13759	N/A	REPLACED	NO

7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure N/A
NDE: NONE Pressure: psi Test Temperature F.

Description of Work: REPLACED BONNET/CHAMBER & STEM ASSEMBLY

Job Order/File: C47727-01 ISI Class 1

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne A Timmons MAINT Supv. Welding Date 9-7-00
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 12-29-98 to 9-7-00, 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

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.

R Blake Commissions MI: 762 N & I
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept. 7 18 2000

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: 11-12-99
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C48166-07
One Cook Place, Bridgman, MI 49106 Component# 2-HE-18E
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY
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
2-HE-18E						
ROD, THREADED 1 IN 8 UNC	SA 193-GR. B7		M & E 30-211640 ASP's 19987,21049 & 21047	N/A	REPLACED	NO
NUT'S 1 IN 8 UNC	SA194 GR 2H		M & E 30-211910 ASP 17691	N/A	REPLACED	NO

7. Hydrostatic Pneumatic Nominal Operating Pressure
 N/A NDE: NONE Pressure: psi Test Temperature F.

Description of Work: REPLACED HEAT EXCHANGER COVER BOLTING WITH NEW BOLTING WHICH HAD DETERIATED DUE TO NORMAL WEAR, AFTER WHICH A FUNCTIONAL PMT WAS PERFORMED.

Job Order/File: C48166-07 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed Dwight Simpson MA-IT Supv. Welding Date 8-31-06
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 FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 3-18-99 to 9-1-00, 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

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.

MJ Mutschauer Commissions MICH 0055, ENDRS I
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 1 19 2000

Description of Work: REPLACED DEGRADED BOLTING ^{AT} AFTER WHICH A
~~VT-2 FUNCTIONAL PMT WAS PERFORMED (SAT).~~

Job Order/File: C48167-07 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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: *Devinne Thomas* Major Supv. Welding Date 9-1-00
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 of Providence of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 3-18-99 to 9-2-00, 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

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.

Mark M... .. Commissions Mich 0055, ENR N&I
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 2 19 2000

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: 1-25-00
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C48198-02
One Cook Place, Bridgman, MI 49106 Component# 2-MS-135-1
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: MAIN STEAM
5. (a) Applicable Construction Code: ASME SEC III 1986 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
<u>2-MS-135-1</u>						
VALVE BONNET ASSEMBLY	BONNET= SA105 GATE = SA479 BOLTS = SA 193 GR. B7	VOGT. HENRY SW-12111- 2IN-600LB	M & 30-044248 ASP19582	N/A	REPLACED	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure v
NDE: VT-2 system leakage test Pressure: psi Test Temperature F.

Description of Work: REPLACED THE VALVE BONNET ASSEMBLY AT THE BOLTED CONNECTIONS. A VT-2 SYSYTEM LEAKAGE TEST WAS PERFORMED ON JO # C55468-02 WHICH IS THE MASTER MAIN STEAM SYSTEM PRESSURE LEAKAGE TEST JOB ORDER.

Job Order/File: C48198-02

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons main sigal
Owner or Owner's Designee, Title welding Date 9-5-00

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 FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 12-15-99 to 9-6-00, 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

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 Minterpaugh Commissions MILCO55, END N&I
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 6 19 2000

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: 12-17-99
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C48616-01
One Cook Place, Bridgman, MI 49106 Component# 2-GRH-L-809
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Residual Heat Removal
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: None
 (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
2-GRH-L-809						
Shim(.063")	Stainless steel Type 304	N/A	M&E#: 34-753200 ASP#: N/A(std grade)	N/A	Installed for repair	N/A
Support steel	ASME SA-36	N/A	Existing	N/A	Repaired	N/A

7. Hydrostatic _____ Pneumatic _____ Nominal Operating Pressure _____
 N/A _____ NDE: VT/PT _____ Pressure: psi _____ Test Temperature _____ F.

Description of Work: Installed shim to support to correct gap discrepancy relative to approved support design drawing.

Job Order/File: C48616-01 **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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed: [Signature] MAINT Supv. Welding Date 9-2-00
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 of Providence of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 8/23/99 to 9/4/00, 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

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.

[Signature] Commissions MICH. 0055, END NSE
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 4 19 2000

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

As Required by the Provisions of the ASME Code Section XI

161 OF 465

NIS-2-351-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date August 20, 2000
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
 Name
One Cook Place, Bridgman, MI 49106 C48719-04
 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 Chemical Volume Control Sys ASME CODE CLASS 2
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-CS-534 4" Sch 120 Ball Valve	Temp M&E# 00-12088	ASP# 21484	N/A	End Caps SA-479 Tp 316	N/A	Replace- ment	No
4" Sch 120 pipe SS	M&E# 30-019223	ASP# 1093	N/A	SA-376 Gr TP316	N/A	Replace- ment	No

7. Description of work Install new ball valve and pipe spool

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating 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.

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO C48719-04

Repair/Replacement Plan C48719-04 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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed  Conrad V Reid, Senior Planner Date August 20, 2000
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 10/26/99 to 9-2-00, 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.

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 Michigan, End NIT
Inspector's Signature National Board, State, Province, Endorsements

Date September 2 2000