American Electric Power Cook Nuclear Plant One Cook Place Bridgman, MI 49106 Www.aep.com

> AEP AMERICAN'S ELECTRIC POWER

January 31, 2005

AEP:NRC:5055 10 CFR 50.55a

Docket No.: 50-316

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

Donald C. Cook Nuclear Plant Unit 2 INSERVICE INSPECTION SUMMARY REPORT

The attachment to this letter provides a copy of the inservice inspection summary report for activities 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. A. S. Jimenez, who is employed by ABS Group, Inc. of Houston, Texas.

The examinations, tests, replacements, repairs performed, conditions observed, and corrective measures taken are summarized in the attached report. Inservice inspection activities were performed in accordance with the rules and requirements of the American Society of Mechanical Engineers' Code, Section XI, 1989, and 1992 Editions with the 1992 Addenda, as applicable.

There are no new commitments in this letter. Should you have any questions, please contact Mr. John A. Zwolinski, Safety Assurance Director, at (269) 466-2428.

Sincerely

Daniel P. Fadel "

Engineering Vice President

Attachment: Inservice Inspection Summary Report for the Donald C. Cook

Nuclear Plant, Unit 2, 2004, Unit 2 Cycle 15 Refueling Outage.

RV/rdw

U. S. Nuclear Regulatory Commission Page 2

AEP:NRC:5055

R. Aben, DLEG/BCCFS/BD c:

J. L. Caldwell, NRC Region III K. D. Curry, Ft. Wayne AEP, w/o attachment

J. T. King, MPSC, w/o attachment
C. F. Lyon, NRC Washington, DC
MDEQ – WHMD/HWRPS, w/o attachment

NRC Resident Inspector

Attachment to AEP:NRC:5055

Inservice Inspection Summary
Report for the Donald C. Cook Nuclear Plant, Unit 2

2004, Unit 2 Cycle 15 Refueling Outage.

Attachment to AEP:NRC:5055

Inservice Inspection Summary
Report for the Donald C. Cook Nuclear Plant, Unit 2

2004, Unit 2 Cycle 15 Refueling Outage.

INSERVICE INSPECTION SUMMARY REPORT

FOR THE

DONALD C. COOK NUCLEAR PLANT

UNIT 2

2004, Unit 2 Cycle 15 REFUELING OUTAGE

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

Report for Inspection Period From June 20, 2003 to November 09, 2004

Prepared by: To Date: 14 2005
Roy E. Hall

Reviewed by: _______ Date: 1/17/05

Engineering Programs Supervisor

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

Report of Inservice Inspections From June 20, 2003 to November 09, 2004

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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 June 20, 2003 to November 09, 2004. This report addresses examinations and activities associated with the Unit 2 Cycle 15, 2004 Refueling Outage. This is the first refueling outage of the Second Inspection Period of the Third Ten-Year Interval.

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 became ASME Section XI, 1989 Edition (no Addenda) and 1992 Edition with 92 Addenda 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 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., PO 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: <u>07/01/78</u>

6. National Board Number for Unit: 1 (Mich. M-324232-M)

7. Components Inspected

Component or	Manufacturer or	Manufacturer or	State or Province	National Board
Appurtenance	Installer	Installer Serial Number	Number	Number
Reactor Pressure Vessel	Chicago Bridge and Iron	T-1	M-324232-M	1
Steam Generator, 2-OME-3-2	Westinghouse/MK -Ferguson	1342- Upper Assembly 3370G - Lower Assembly	M-324-235-M	68-74 – Upper 40 - Lower
Steam Generator, 2-OME-3-3	Westinghouse/MK -Ferguson	1343 – Upper Assembly 3369G – Lower Assembly	M-324-236-M	68-75 – Upper 39 - Lower
Steam Generator, 2-OME-3-4	Westinghouse/MK -Ferguson	1344 – Upper Assembly 3368G – Lower Assembly	M-324-237-M	68-76 – Upper 38 - Lower
Pressurizer 2-OME-4	Westinghouse	1231	M-324233-M	6894
East CTS HT. Exchanger 2-HE-18E	Yuba	69-G-226IB	-	-
West RHR HT. Exchanger 2-HE-17W	Engineers and Fabricators, INC	S-15586-B	-	-
Containment	Graver	-	•	
Piping Systems – RC, RH, SI, CTS, CCW, CS, ESW, FW, MS	Power Systems Inc. and TUBECO	-	-	-
Pipe Supports	Grinnell	•	•	•

9. Inspection Period Identification: Second
10. Inspection Interval Identification: Third
11. Applicable Edition of Section XI 1989 no Addenda & 1992 with 92Addenda
12. Date/Revision of Inspection Plan: 8/03 Rev. 1
 13. Abstract of Examinations. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Sections 3, 4, 5, 6, and 7 14. Abstract of Results of Examinations and Tests. See Sections 3, 4, 5, 6 and 7 15. Abstract of Corrective Measures. See Sections 3, 4, 5, 6, and 7
We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.
Certificate of Authorization No. (if applicable) N/A Expiration Date N/A
Date JAU 13, 2005 Signed Indiana Michigan Power Co. By Loy E. Na Owner
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 MICHICAN and employed by ARS GROUP INC. of HOUSTON, TX. have inspected the components described in this Owner's Report during the period 600/2003 to Nov. 9/2004, 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 National Board, State, Province, and Endorsements
Date

8. Examination Dates: June 20, 2003 to November 09, 2004

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 June 20, 2003 to November 09, 2004. This report addresses examinations and activities associated with the Third 10-Year Interval-Second Inspection Period-First Refueling Outage (U-2 Cycle 15). All examinations were in accordance with the 1989 Edition (no Addenda) and 1992 Edition with 92 Addenda as applicable.

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

Fifty-one (51) ASME Class 1 and eleven (11) ASME Class 2 components were examined. A combination of Ultrasonic, Magnetic Particle, Liquid Penetrant and Visual examination methods were used. One support failed the VT-3 examination. Support 2-GFW-825 had evidence of significant corrosion due to ground water intrusion. It was evaluated by the Design Engineering and found acceptable. The supports upstream, downstream and in the immediate vicinity were examined and found acceptable.

In accordance with CNP response to NRC Bulletin 2004-01, "INSPECTION OF ALLOY 82/182/600 MATERIALS USED IN THE FABRICATION OF PRESSURIZER PENETRATIONS AND STEAM SPACE PIPING CONNECTIONS AT PRESSURIZED – WATER REACTORS", all alloy 82/182 weld locations on the pressurizer received a bare metal visual examination and a best effort ASME Section XI Appendix VIII ultrasonic examination (commonly called PDI) and a surface examination. No evidence of degradation was observed.

Examinations were performed and documented in response to NRC First Revised Order EA-03-009, "ISSUANCE OF ORDER ESTABLISHING INTERIM INSPECTION REQUIREMENTS FOR REACTOR PRESSURE VESSEL HEADS AT PRESSURIZED WATER REACTORS". All 78 Reactor Pressure Vessel Upper Head Penetrations and the Head vent (including the J-Groove welds) were examined using a combination of ultrasonic, surface, eddy current and visual techniques. There was no evidence of Leak Paths in the shrink-fit areas of the penetrations. Evidence of Craze Cracking was observed at Vessel Head Penetrations 13, 15, 21, 43, 59, 64, 68, 74 and 75 on the ID surface of the Penetration tube base material. Craze Cracking indications in these Vessel Head Penetrations were evaluated using WCAP 14118-P Revision 7, "STRUCTURAL INTEGRITY EVALUATION OF REACTOR VESSEL UPPER HEAD PENETRATIONS TO SUPPORT CONTINUED OPERATION: D.C. COOK

UNITS 1 and 2", and did not require removal or repair. Code rejectable rounded indications were observed on the J-groove welds of Penetrations 74 and 75. The rounded indications are not believed to be associated with Primary Water Stress Corrosion Cracking, but rather the initial construction of the vessel head. The rounded indications on Penetration 74 and 75 were repaired via a weld overlay process approved via an NRC relief request.

Inspections of the reactor vessel top head included a bare metal visual examination by qualified VT-2 personnel. No signs of boric acid were noted. The bottom head also received a bare metal visual examination by qualified VT-2 personnel. No signs of boric acid were noted.

System pressure tests did not reveal any degradation of the system pressure boundary or the installed bolting.

The following Code Cases were utilized during this reporting period:

N-416-1

N-509

N-533

N-616

N-627

N-491-1

Nondestructive examinations were performed by WesDyne, Framatome and Indiana Michigan Power (I&M) personnel in accordance with procedures approved for use at the Cook Nuclear Plant.



CLASS: 1

CATEGORY: B-D

ITEM: B3.110

Summary	No.	Component ID	Component	<u>Description</u>	<u>System</u>	System Description
006950		6"-2-RC-26	UPPER HEA	AD TO RELIEF NOZZLE	PRZ	PRESSURIZER
Method	Report No.	Examination Proced	ure	Examination Remarks		
UT	VE-04-001	54-ISI-130	 -	Total UT coverage was 75%.		
				See Framatome report U2C15-UT-02	8.	
MT	VE-04-004	54-ISI-270		SEE FRAMATOME REPORT U2C15		
Summary	No.	Component ID	Component	Description	System	System Description
006960		6"-2-RC-27	UPPER HEA	AD TO RELIEF NOZZLE	PRZ	PRESSURIZER
<u>Method</u>	Report No.	Examination Proced	ure	Examination Remarks		
UT	VE-04-002	54-ISI-130		Total UT coverage was 75%.		
				See Framatome report U2C15-UT-03	0.	
MT	VE-04-005	54-1\$1-270		SEE FRAMATOME REPORT U2C15		
		ITEM: B3.	120			
Summary	No.	Component ID	Component Description		System	System Description
007300		6"-2-RC-26-IRS	UPPER HEAD TO RELIEF NOZZLE		PRZ	PRESSURIZER
Method	Report No.	Examination Proced	ure	Examination Remarks		
UT	VE-04-003	54-ISI-132		See Framatome Report U2C15-UT-0	29.	
Summary	No.	Component ID	Component	Description	System	System Description
007400		6"-2-RC-27-IRS	UPPER HEA	AD TO RELIEF NOZZLE	PRZ	PRESSURIZER
Method	Report No.	Examination Proced	uro.	Examination Remarks		
UT	VE-04-041	54-ISI-132	ure	SEE FRAMATOME REPORT U2C15	-UT-031.	
C		ITEM: B3.		Dagadakian	Custom	Contain Description
Summary	<u>. NO.</u>	Component ID	Component		System	System Description
009600		STM-22-I-IRS	INLET NOZZ	ZLE INSIDE RADIUSSECTION	22 .	STEAM GENERATOR NO. 22
<u>Method</u>	Report No.	Examination Proced	ure	Examination Remarks		
UT	VE-04-039	54-ISI-132		SEE FRAMATOME REPORT U2C25	-UT-006.	
Summary	No.	Component ID	Component	Description .	System	System Description
009700		STM-22-O-IRS	OUTLET NO SECTION	DZZLE INSIDE RADIUS	22	STEAM GENERATOR NO. 22
Method	Report No.	Examination Proced	ure	Examination Remarks		
UT	VE-04-040	54-ISI-132		SEE FRAMATOME REPORT U2C15	-UT-007.	



Attachment 1

Inservice Inspection Report Interval 3 / Period 2 / Outage 1 (U2-C15)

CLASS: 1

CATEGORY: B-D

		ITEM: B	3.140			
Summary	No.	Component ID		t Description	System	System Description
010500		STM-23-I-IRS		ZZLE INSIDE RADIUSSECTION	23	STEAM GENERATOR NO. 23
Method	Report No.	Examination Proce	<u>dure</u>	Examination Remarks		
UT	VE-04-037	54-ISI-132		SEE FRAMATOME NDE REPORT	T U2C15-UT-0	10 .
Summary	No.	Component ID	Componen	t Description	System	System Description
010600		STM-23-O-IRS	OUTLET N SECTION	OZZLE INSIDE RADIUS	23	STEAM GENERATOR NO. 23
Method	Report No.	Examination Proce	<u>dure</u>	Examination Remarks		
UT	VE-04-038	54-ISI-132		SEE FRAMATOME REPORT U20	:15-UT-011.	
Summary	No.	Component ID	Component	t Description	System	System Description
011400		STM-24-I-IRS	INLET NOZ	ZLE INSIDE RADIUSSECTION	24	STEAM GENERATOR NO. 24
Method	Report No.	Examination Proce	dure	Examination Remarks		
UT	VE-04-042	54-ISI-132		SEE FRAMATOME REPORT U20	:15-UT-018.	
Summary	No.	Component ID	Componen	t Description	System	System Description
011500		STM-24-O-IRS	OUTLET N SECTION	OZZLE INSIDE RADIUS	24	STEAM GENERATOR NO. 24
Method	Report No.	Examination Proce	<u>dure</u>	Examination Remarks		
UT	VE-04-065	54-ISI-132		SEE FRAMATOME REPORT U20	:15-UT-019.	
				ONE INDICATION APPEARED BE WALK INTO THE CLAD SIGNAL. ATTACHMENT ON ID.		· · · · · · · · · · · · · · · · · · ·
	CATEG	ORY: B-F				
		ITEM: B	5.130			
Summary	<u>No.</u>	Component ID	Component	t Description	System	System Description
025500		2-RC-21-07	PIPE TO S.	AFE-END	RC	REACTOR COOLANT SYSTEM
Method	Report No.	Examination Proce	<u>dure</u>	Examination Remarks		
PT	VE-04-026	54-ISI-240		SEE FRAMATOME REPORT U20	15-PT-017.	
UT	VE-04-077	54-ISI-836		SEE FRAMATOME REPORT U20	15-UT-027,	
		ITEM: B	5.40			
Summary	No.	Component ID	Component	t Description	<u>System</u>	System Description
008000		2-PRZ-21	NOZZLE T	O SAFE-END	PRZ	PRESSURIZER
<u>Method</u>	Report No.	Examination Proce	<u>dure</u>	Examination Remarks		
PT	VE-04-007	54-ISI-240		SEE FRAMATOME REPORT U20	15-PT-007.	
UT	VE-04-050	54-ISI-829		SEE FRAMATOME REPORT U20	:15-UT-020.	
VT	VE-04-051	54-5047902		SEE FRAMATOME REPORT U20	:15-VT-001,	
				EXAMINED IN RESPONSE TO N	RC BULLETIN	2004-01.



Attachment 1

Inservice Inspection Report

Interval 3 / Period 2 / Outage 1 (U2-C15)

CLASS: 1

CATEGORY: B-F

ITEM: B5.40

Summary	No.	Component ID	Component	<u>Description</u>	<u>System</u>	System Description
008100		2-PRZ-22	NOZZLE TO	SAFE-END	PRZ	PRESSURIZER
Method	Report No.	Examination Proced	HIFA	Examination Remarks		
	VE-04-008		<u>ui e</u>	_	DT 000	
PT				SEE FRAMATOME REPORT U2C15		•
UT	VE-04-057			SEE FRAMATOME REPORT U2C15		
VT	VE-04-059	54-5047902		SEE FRAMATOME REPORT U2C15	-V1-002.	
				EXAMINED IN RESPONSE TO NRC	BULLETIN	2004-01.
Summary	No.	Component ID	Component	Description	System	System Description
008200		2-PRZ-23	NOZZLE TO	SAFE-END	PRZ	PRESSURIZER
Method	Report No.	Examination Proced	ure	Examination Remarks		
PT	VE-04-009	54-ISI-240		SEE FRAMATOME REPORT U2C15	-PT-009.	
UT	VE-04-052	54-ISI-829		SEE FRAMATOME REPORT U2C15	-UT-022.	
VT	VE-04-053	54-5047902		SEE FRAMATOME REPORT U2C15	-VT-003.	
				EXAMINED IN RESPONSE TO NRC	BULLETIN	2004-01.
Summary	No.	Component ID	Component	Description	System	System Description
008300		2-PRZ-24	NOZZLE TO	SAFE-END ·	PRZ	PRESSURIZER
Method	Report No.	Examination Proced	ure	Examination Remarks		
PT	VE-04-010	54-ISI-240		SEE FRAMATOME REPORT U2C15	-PT-013.	
VT	VE-04-054	54-5047902		SEE FRAMATOME REPORT U2C15	-VT-004.	
UT	VE-04-055	54-ISI-829		EXAMINED IN RESPONSE TO NRC SEE FRAMATOME REPORT U2C15		2004-01.
Summary	No.	Component ID	Component	Description	<u>System</u>	System Description
008400		2-PRZ-25	NOZZLE TO	SAFE-END	PRZ	PRESSURIZER
Method	Report No.	Examination Proced	ure	Examination Remarks		
PT	VE-04-011	54-ISI-240		SEE FRAMATOME REPORT U2C15	-PT-014.	
UΤ	VE-04-056	54-1\$1-829		SEE FRAMATOME REPORT U2C15	-UT-024.	
VT	VE-04-058	54-5047902		SEE FRAMATOME REPORT U2C15	-VT-005.	
				EXAMINED IN RESPONSE TO NRC	BULLETIN	2004-01.
Summary	No.	Component ID	Component	Description	System	System Description
008500		2-PRZ-26	SAFE-END	TO NOZZLE	PRZ	PRESSURIZER
Method	Report No.	Examination Proced	ure .	Examination Remarks		
PT	VE-04-012			SEE FRAMATOME REPORT U2C15	-PT-021.	
<i>, ,</i> ν τ	VE-04-060			SEE FRAMATOME REPORT U2C15		
••	12 37 000	0.1 00 11 00 Z				
υT	VE-04-061	54-ISI-829		EXAMINED IN RESPONSE TO NRC SEE FRAMATOME REPORT U2C15		2004-01.
O1	V E-04-00 I	54*ISI*028		SEE FRANKINIONE REPORT UZC15	·U1•025.	



CLASS: 1

CATEGORY: B-F

ITEM: B5.70

Component Description Summary No. Component ID <u>System</u> System Description 009800 STM-22-02 **ELBOW TO INLET NOZZLE** 22 STEAM GENERATOR NO. 22 Method Report No. **Examination Procedure Examination Remarks** SEE FRAMATOME REPORT U2C15-PT-003. PT VE-04-013 54-ISI-240 UT VE-04-046 54-ISI-836 SEE FRAMATOME REPORT U2C15-UT-004. RECORDABLE GEOMETRY FROM ROOT AREA INTERMITTENTLY FOR 360 DEGREES. 45 SHEAR = 37.5% COVERAGE 45 RL = 10.2% 60 RL = 10.8% BEST EFFORT EXAMINATION. Summary No. Component ID **Component Description** System **System Description** 009900 STM-22-03 **OUTLET NOZZLE TO ELBOW** 22 STEAM GENERATOR NO. 22 Method Report No. **Examination Procedure Examination Remarks** PT VE-04-014 54-ISI-240 SEE FRAMATOME REPORT U2C15-PT-004. SEE FRAMATOME REPORT U2C15-UT-005. UT VE-04-047 54-ISI-836 RECORDABLE GEOMETRY FROM ROOT AREA INTERMITTENTLY FOR 360 DEGREES. 45 SHEAR = 37.5% COVERAGE 45 RL = 10.2% 60 RL = 10.8% BEST EFFORT EXAMINATION. Component Description Summary No. Component ID System Description <u>System</u> 010700 STM-23-02 **ELBOW TO INLET NOZZLE** 23 STEAM GENERATOR NO. 23 **Examination Procedure Examination Remarks** Method Report No. SEE FRAMATOME REPORT U2C15-PT-005. PT VE-04-015 54-ISI-240 SEE FRAMATOME REPORT U2C15-UT-008. VE-04-048 54-ISI-836 UT RECORDABLE GEOMETRY FROM ROOT AREA INTERMITTENTLY FOR 360 DEGREES. 45 SHEAR = 37.5% COVERAGE 45 RL = 10.2% 60 RL = 10.8% **BEST EFFORT EXAMINATION.**



CLASS: 1

CATEGORY: B-F

ITEM: B5.70

Summary No.

Component ID

Component Description

<u>System</u>

System Description

010800

STM-23-03

OUTLET NOZZLE TO ELBOW

23

STEAM GENERATOR NO. 23

Method

Report No.

Examination Procedure

Examination Remarks

SEE FRAMATOME REPORT U2C15-PT-006.

PT VE-04-016 UT VE-04-049 54-ISI-240 54-ISI-836

SEE FRAMATOME REPORT U2C15-UT-009.

RECORDABLE GEOMETRY FROM ROOT AREA INTERMITTENTLY FOR 360

DEGREES.

45 SHEAR = 37.5% COVERAGE

45 RL = 10.2% 60 RL = 10.8%

BEST EFFORT EXAMINATION.

CATEGORY: B-G-2

ITEM: B7.30

Summary No.

Component ID

Component Description

Component Description

System

System Description

010320

STM-22-OMB-1 **THROUGH 16**

Component ID

OUTLET MANWAY BOLTING

22

STEAM GENERATOR NO. 22

Method

Report No.

Examination Procedure

Examination Remarks

VT Summary No.

VT-04-039

12-QHP-5050-NDE-006

<u>System</u>

23

System Description

010360

STM-22-IMB-1 **THROUGH 16** INLET MANWAY BOLTING

22

STEAM GENERATOR NO. 22

STEAM GENERATOR NO. 23

Method

Report No.

Examination Procedure

Examination Remarks

VT

VT-04-040

12-QHP-5050-NDE-006

Summary No.

Component ID STM-23-OMB-1 Component Description

OUTLET MANWAY BOLTING

System System Description

011220

THROUGH 16

Method VT

Report No. VT-04-041

Examination Procedure 12-QHP-5050-NDE-006 **Examination Remarks**

Summary No.

Component ID

Component Description

System System Description

011260

STM-23-IMB-1 THROUGH 16 INLET MANWAY BOLTING

23 STEAM GENERATOR NO. 23

Method

Report No.

Examination Procedure

Examination Remarks

VT

VT-04-042

12-QHP-5050-NDE-006



Attachment 1

Inservice Inspection Report

Interval 3 / Period 2 / Outage 1 (U2-C15)

CLASS: 1

CATEGORY: B-H

ITEM: B8.20

Summary No.

Component ID

Component Description

<u>System</u>

System Description

008505

2-PRZ-20

VESSEL SUPPORT

PRZ

PRESSURIZER

Method

Report No.

Examination Procedure

Examination Remarks

MT VE-04-006

54-ISI-270

SEE FRAMATOME REPORT U2C15-MT-001.

INSULATION MUST BE REMOVED BY SECTIONS TO PREVENT

INSULATION FALLING.

UT VE-04-078 54-ISI-130

CATEGORY: B-J

ITEM: B9.11

Summary No.

Component ID

Component Description

System

System Description

024200

2-RC-20-10

PIPE TO PIPE

RC

REACTOR COOLANT

SYSTEM

Method

Report No.

Examination Procedure

Examination Remarks

PT

VE-04-024

54-ISI-240

SEE FRAMATOME REPORT U2C15-PT-022.

Summary No. 024850

Component ID 2-RC-21-04

Component Description

PIPE TO PIPE

System 5 RC

System Description REACTOR COOLANT

SYSTEM

Method

Report No. VE-04-025 **Examination Procedure**

Examination Remarks

SEE FRAMATOME REPORT U2C15-PT-016.

VE-04-069

54-ISI-240 54-ISI-836

SEE FRAMATOME REPORT U2C15-UT-026..

Summary No. 025700

PT

UT

UT

PT

UT

UT

2-RC-22-01

Component ID

Component Description SAFE-END TO ELBOW System. RC

System Description

REACTOR COOLANT SYSTEM

Method

Report No.

VE-04-070

Examination Procedure

Examination Remarks

PT VE-04-027

54-ISI-240 54-ISI-836

SEE FRAMATOME REPORT U2C15-PT-018. SEE FRAMATOME REPORT U2C15-UT-032.

Summary No.

Component ID 2-RC-25-07

Component Description

ELBOW TO PIPE

System

RC

System Description

REACTOR COOLANT SYSTEM

029300 Method

Report No.

VE-04-028

VE-04-071

Examination Procedure 54-ISI-240

Examination Remarks

SEE FRAMATOME REPORT U2C15-PT-019. SEE FRAMATOME REPORT U2C15-UT-033.

Summary No.

Component ID

Component Description

System

System Description

030250

2-RC-26-08

PIPE TO PIPE

RC

REACTOR COOLANT

SYSTEM

Method Report No. PT VE-04-029

Examination Procedure 54-ISI-240

54-ISI-836

54-ISI-836

Examination Remarks

SEE FRAMATOME REPORT U2C15-PT-020. SEE FRAMATOME REPORT U2C15-UT-034.

VE-04-066



Attachment 1

Inservice Inspection Report Interval 3 / Period 2 / Outage 1 (U2-C15)

CLASS: 1

CATEGORY: B-J

ITEM: B9.11

Summary	No.	Component ID	Componen	t Description	System	System Description
033200		2-RC-28-16	PIPE TO E	LBOW	RC	REACTOR COOLANT SYSTEM
<u>Method</u>	Report No.	Examination Proc	<u>edure</u>	Examination Remarks		
PT	VE-04-030	54-ISI-240		SEE FRAMATOME REPO	RT U2C15-PT-028.	
UT	VE-04-072	54-ISI-835		SEE FRAMATOME REPO	RT U2C15-UT-042.	
Summary	No.	Component ID	Componen	t Description	System	System Description
034300		2-RC-28-23	TEE TO PI	PE	RC	REACTOR COOLANT SYSTEM
Method	Report No.	Examination Proc	<u>edure</u>	Examination Remarks	•	
PT	VE-04-031	54-ISI-240		SEE FRAMATOME REPOR	RT U2C15-PT-023.	
UT	VE-04-075	54-ISI-835		SEE FRAMATOME REPOR	RT U2C15-UT-037.	
Summary	No.	Component ID	Componen	t Description	System	System Description
034700		2-RC-28-27	ELBOW TO	PIPE	RC	REACTOR COOLANT SYSTEM
<u>Method</u>	Report No.	Examination Proc	<u>edure</u>	Examination Remarks		
PT	VE-04-032	54-ISI-240		SEE FRAMATOME REPO	RT U2C15-PT-038.	
υτ	VE-04-064	54-ISI-836		SEE FRAMATOME REPOR	RT U2C15-UT-038.	
Summary	No.	Component ID	Componen	t Description	System	System Description
036400		2-RC-28-37	ELBOW TO	PIPE	RC	REACTOR COOLANT SYSTEM
Method	Report No.	Examination Prod	<u>edure</u>	Examination Remarks		
PT	VE-04-033	54-ISI-240		SEE FRAMATOME REPO	RT U2C15-PT-002.	
UT	VE-04-045	54-ISI-836		SEE FRAMATOME REPOR	RT U2C15-UT-003.	
Summary	No.	Component ID	Componen	t Description	System	System Description
038700		2-RC-29-09	PIPE TO E	LBOW	RC	REACTOR COOLANT SYSTEM
Method	Report No.	Examination Proc	edure	Examination Remarks		
PT	VE-04-034	54-ISI-240		SEE FRAMATOME REPOR	RT U2C15-PT-029.	
υτ	VE-04-076	54-ISI-835		SEE FRAMATOME REPOR	RT U2C15-UT-043.	
Summary	No.	Component ID	Componen	t Description	System	System Description
039100		2-RC-29-11	PIPE TO E	LBOW	RC	REACTOR COOLANT SYSTEM
<u>Method</u>	Report No.	Examination Proc	<u>edure</u>	Examination Remarks		
PT	VE-04-035	54-ISI-240		SEE FRAMATOME REPOR	RT U2C15-PT-024.	
UT	VE-04-073	54-ISI-836		SEE FRAMATOME REPOR	RT U2C15-UT-042.	



CLASS: 1

CATEGORY: B-J

ITEM: B9.31

Summary No.

Component ID

Component Description

CONNECTION)

System

System Description

015800

2-RC-17-08N

10-IN. NOZZLE (SET-ON BRANCH

RC

REACTOR COOLANT

Method

Report No.

Examination Procedure

Examination Remarks

SYSTEM

PT

VE-04-017

SEE FRAMATOME REPORT U2C15-PT-021.

UT VE-04-063 54-ISI-240 54-ISI-836

SEE FRAMATOME REPORT U2C15-UT-035.

CATEGORY: F-A

ITEM: F1.10A

Summary No.

Component ID

Component Description

<u>System</u>

System Description

608600

2-GSI-R-590

PIPE SUPPORT COMPONENT

GSI

SAFETY INJECTION

SYSTEM

Method

Report No.

Examination Procedure

Examination Remarks

VT

VT-04-033

12-QHP-5050-NDE-006

ITEM: F1.10B

Summary No.

Component ID

Component Description

System

System Description

607250

2-GSI-R-563

PIPE SUPPORT COMPONENT

GSI

SAFETY INJECTION

SYSTEM

Method

Report No.

Examination Procedure

Examination Remarks

VT

VT-04-032

12-QHP-5050-NDE-006

ITEM: F1.10WA

Summary No.

Component ID

Component Description

System

System Description

603700

2-GRC-R-574

2-GSI-R-546

PIPE SUPPORT COMPONENT

GRC

REACTOR COOLANT

SYSTEM

Method

Report No.

Examination Procedure

Examination Remarks

VT

VT-04-044

12-QHP-5050-NDE-006

Summary No. 606400

Component ID

Component Description

PIPE SUPPORT COMPONENT

System GSI

System Description

SAFETY INJECTION SYSTEM

Method

Report No.

Examination Procedure

Examination Remarks

VT

VT-04-035

12-QHP-5050-NDE-006

ITEM: F1.10WB

System Description

Summary No. 605400

Component ID 2-GRC-R-580

PIPE SUPPORT COMPONENT

Component Description

System GRC

REACTOR COOLANT SYSTEM

Method

Report No.

Examination Procedure

VT

VT-04-038

12-QHP-5050-NDE-006

Examination Remarks



Attachment 1 **Inservice Inspection Report**

Interval 3 / Period 2 / Outage 1 (U2-C15)

CLASS: 1

CATEGORY: F-A

ITEM: F1.10WC

Summary No.

Component ID

Component Description

<u>System</u>

System Description

609400

2-GRH-V-509

PIPE SUPPORT COMPONENT

GRH

EMERGENCY CORE

COOLING

Method

Report No.

Examination Procedure

Examination Remarks

VT

VT-04-037

12-QHP-5050-NDE-006

ITEM: F1.40

Summary No.

Component ID

Component Description

System

System Description

600005 Method

STM-22-SUPPORT

VESSEL SUPPORTS

22

STEAM GENERATORS

VT

Report No.

Examination Procedure 12-QHP-5050-NDE-006 **Examination Remarks**

VT-04-043 CLASS: 2

CATEGORY: C-A

ITEM: C1.10

Summary No.

Component ID

Component Description

SHELL TO TRANSITION CONE

<u>System</u>

System Description

300250

STM-23-07

Examination Procedure

Examination Remarks

Method UT

Report No. VE-04-067

SEE FRAMATOME REPORT U2C15-UT-016.

23

System Description

STEAM GENERATOR NO. 23

Summary No.

Component ID **Component Description**

System

300260

STM-23-08

TRANSITION CONE TO SHELL

STEAM GENERATOR NO. 23 23

Method

UT

Report No. VE-04-068 **Examination Procedure** 54-ISI-130

54-ISI-130

Examination Remarks

SEE FRAMATOME REPORT U2C15-UT-017.

ITEM: C1.30

Summary No.

Component ID E-CTSHEX-1

Component Description TUBE SHEET TO SHELL System

System Description

CTS HEAT EXCHANGER **CTSHE** EAST

300671 Method

UT

Report No. VE-04-043

54-ISI-136

Examination Procedure

Examination Remarks

SEE FRAMATOME REPORT U2C15-UT-001.

ROOT GEOMETRY SEEN 360 DEGREES AND BELOW RECORDABLE

LEVELS.



Attachment 1

Inservice Inspection Report Interval 3 / Period 2 / Outage 1 (U2-C15)

CLASS: 2

CATEGORY: C-B

ITEM: C2.21

Summary No. Component ID Component Description

System

System Description

300790

W-RHRHEX-OUT

SHELL TO NOZZLE

RHRHE X

RHR HEAT EXCHANGER WEST

Method

Report No.

Examination Procedure

Examination Remarks

PT VE-04-036 54-ISI-240

SEE FRAMATOME REPORT U2C15-PT-001.

VE-04-044 UT

54-ISI-136

SEE FRAMATOME REPORT U2C15-UT-002.

CATEGORY: C-D

ITEM: C4.40

Summary No.

Component ID

Component Description

System

System Description

322980

MSIV-MRV-210

FLANGE BOLTING

MRV

MAIN STEAM ISOLATION

VALVE-LINE 2-MS-90(B-78,B-

79)

Method UT

Report No. VE-04-062 **Examination Procedure**

54-ISI-840

Examination Remarks

SEE FRAMATOME REPORT U2C15-UT-025.

WORK PERFORMED UNDER JOA R0250848-06

CATEGORY: F-A

ITEM: F1.20

Summary No.

Component ID

Component Description

System

System Description

711540

2-GSI-R-537

F-A F1.20ACOMPONENT

GSI

EMERGENCY CORE

COOLING SYSTEM

Method VT

Report No.

Examination Procedure

Examination Remarks

Summary No.

VT-04-031

12-QHP-5050-NDE-006

Component ID

2-GSI-R-55

PIPE SUPPORT COMPONENT

<u>System</u>

System Description

715070

Component Description

GSI

EMERGENCY CORE

Method

Report No.

COOLING SYSTEM

Examination Procedure

Examination Remarks

VT VT-04-036

12-QHP-5050-NDE-006

ITEM: F1.20B

Summary No.

Component ID 2-GSI-R-535

Component Description

PIPE SUPPORT COMPONENT

<u>System</u> **GSI**

System Description

711510

EMERGENCY CORE COOLING SYSTEM

Method

Report No.

Examination Procedure .

Examination Remarks

VT

VT-04-030

12-QHP-5050-NDE-006



CLASS: 2

CATEGORY: F-A

ITEM: F1.20B

Summary No.

Component ID Component Description

2-GSI-L-84 PIPE SUPPORT COMPONENT

GSI

System

System Description

EMERGENCY CORE COOLING SYSTEM

Method Report No. **Examination Procedure**

Examination Remarks

VT VT-04-027 12-QHP-5050-NDE-006

ITEM: F1.20WA

Summary No.

Component ID

Component Description

System

System Description

GSI

711710

762960

2-GSI-R-668

PIPE SUPPORT COMPONENT

EMERGENCY CORE COOLING SYSTEM

Method

Report No.

Examination Procedure

VT

VT-04-034

12-QHP-5050-NDE-006

Examination Remarks

CLASS: 3

CATEGORY: F-A

ITEM: F1.30A

Summary No.

Component ID

Component Description

System

System Description

820320

2-GCCW-L-109

PIPE SUPPORT COMPONENT

GCCW COMPONENT COOLING WATER SYSTEM

Method

Report No.

Examination Procedure 12-QHP-5050-NDE-006 **Examination Remarks**

VT Summary No.

VT-04-015

Component ID

2-GCCW-R-137

2-GCCW-R-77

Component Description PIPE SUPPORT COMPONENT System **GCCW**

System Description

COMPONENT COOLING WATER SYSTEM

820440

Examination Procedure

Examination Remarks

Method VT

Report No. VT-04-016

12-QHP-5050-NDE-006

Summary No.

Component ID

Component Description

<u>System</u> **GCCW**

System Description

COMPONENT COOLING WATER SYSTEM

822210

Report No.

Examination Procedure

Examination Remarks

Method VT

VT-04-017

12-QHP-5050-NDE-006

Summary No. 830640

Component ID 2-GESW-R-8

PIPE SUPPORT COMPONENT

Component Description

PIPE SUPPORT COMPONENT

System **GESW**

System Description

ESSENTIAL SERVICE WATER SYSTEM

Method

Report No.

Examination Procedure

Examination Remarks

VT

VT-04-020

12-QHP-5050-NDE-006



CLASS: 3

CATEGORY: F-A

ITEM: F1.30A

Component ID	Component Description	<u>System</u>	System Description
2-GESW-R-56	PIPE SUPPORT COMPONENT	GESW	ESSENTIAL SERVICE WATER SYSTEM
. Examination Proc	edure Examination Remarks		
12-QHP-5050-ND	DE-006		
Component ID	Component Description	System	System Description
2-GFW-R-180	PIPE SUPPORT COMPONENT	GFW	FEEDWATER SYSTEM
Evamination Prov	redure Evamination Remarks		
	-		
		System	Sustan Description
			System Description
2-GFW-R-146	PIPE SUPPORT COMPONENT	GFW	FEEDWATER SYSTEM
Examination Proc	<u>Examination Remarks</u>		
12-QHP-5050-ND	DE-006		
ITEM: F	F1.30B		
Component ID	Component Description	<u>System</u>	System Description
2-GCCW-R-586	PIPE SUPPORT COMPONENT	GCCW	COMPONENT COOLING WATER SYSTEM
Examination Proc	<u>Examination Remarks</u>		
12-QHP-5050-ND	DE-006		
Component ID	Component Description	<u>System</u>	System Description
2-GCCW-R-567	PIPE SUPPORT COMPONENT	GCCW	COMPONENT COOLING WATER SYSTEM
<u>Examination Proc</u>	<u>Examination Remarks</u>		
12-QHP-5050-NC	DE-006		
Component ID	Component Description	<u>System</u>	System Description
2-GESW-R-70	PIPE SUPPORT COMPONENT	GESW	ESSENTIAL SERVICE WATER SYSTEM
. Examination Proc	zedure Examination Remarks		
			
Component ID	Component Description	System	System Description
			
2-GFW-L-168	PIPE SUPPORT COMPONENT	GFW	AUXILIARY FEEDWATER SYSTEM
	2-GESW-R-56 Examination Process 12-QHP-5050-NE Component ID 2-GFW-R-180 Examination Process 12-QHP-5050-NE Component ID 2-GFW-R-146 Examination Process 12-QHP-5050-NE ITEM: F Component ID 2-GCCW-R-586 Examination Process 12-QHP-5050-NE Component ID 2-GCCW-R-567 Examination Process 12-QHP-5050-NE Component ID 2-GCCW-R-567 Examination Process 12-QHP-5050-NE Component ID 2-GESW-R-70 Examination Process 12-QHP-5050-NE Component ID 2-GESW-R-70 Examination Process 12-QHP-5050-NE	2-GESW-R-56 PIPE SUPPORT COMPONENT Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 Component ID Component Description 2-GFW-R-180 PIPE SUPPORT COMPONENT Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 Component ID Component Description 2-GFW-R-146 PIPE SUPPORT COMPONENT Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 ITEM: F1.30B Component ID Component Description 2-GCCW-R-586 PIPE SUPPORT COMPONENT Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 Component ID Component Description 2-GCCW-R-567 PIPE SUPPORT COMPONENT Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 Component ID Component Description 2-GCCW-R-567 PIPE SUPPORT COMPONENT Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 Component ID Component Description 2-GESW-R-70 PIPE SUPPORT COMPONENT Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 Examination Procedure Examination Remarks 12-QHP-5050-NDE-006	2-GESW-R-56 PIPE SUPPORT COMPONENT GESW Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 Component ID Component Description System 2-GFW-R-180 PIPE SUPPORT COMPONENT GFW Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 Component ID Component Description System 2-GFW-R-146 PIPE SUPPORT COMPONENT GFW Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 ITEM: F1.30B Component ID Component Description System 2-GCCW-R-586 PIPE SUPPORT COMPONENT GCCW Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 Component ID Component Description System 2-GCCW-R-586 PIPE SUPPORT COMPONENT GCCW Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 Component ID Component Description System 2-GCCW-R-567 PIPE SUPPORT COMPONENT GCCW Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 Component ID Component Description System 2-GESW-R-70 PIPE SUPPORT COMPONENT GESW Examination Procedure Examination Remarks 12-QHP-5050-NDE-006 Examination Procedure Examination Remarks 12-GESW-R-70 PIPE SUPPORT COMPONENT GESW



CLASS: 3

CATEGORY: F-A

ITEM: F1.30WA

	IILM. I	1.5017A		
Summary No.	Component ID	Component Description	<u>System</u>	System Description
853016	2-GFW-L-825	PIPE SUPPORT COMPONENT	GFW	FEEDWATER SYSTEM
	rt No. <u>Examination Proce</u> 4-024 12-QHP-5050-ND			
Summary No.	Component ID	Component Description	<u>System</u>	System Description
853650	2-GFW-L-802	PIPE SUPPORT COMPONENT	GFW	FEEDWATER SYSTEM
	<u>Examination Proc</u> 1-023 12-QHP-5050-ND			
	ITEM: F	1.30WB		
Summary No.	Component ID	Component Description	<u>System</u>	System Description
853410	2-GFW-L-179	PIPE SUPPORT COMPONENT	GFW	FEEDWATER SYSTEM
	<u>rt No.</u> <u>Examination Proc</u> 4-022 12-QHP-5050-ND			

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 June 20, 2003 to November 09, 2004. These tests were performed in accordance with the requirements of ASME Section XI, 1989 (no Addenda) and 1992 Editions with 92 Addenda, Articles IWA-5000, IWB-5000, IWC-5000, IWD-5000, Code Case N-416-1, Code Case N-533 and N-616, as applicable.

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

TEST	DESCRIPTION	DATE
R0246859-02	PERFORM DEPRESSURIZED WALKDOWN PER CODE CASE N-533	10/18/04
R0246859-01	PERFORM RCS VT-2 EXAMINATION @ NOP/NOT CONDITIONS	11/09/04
R0208655-01, 02, 03 and 04	PERFORM VT-2 UNIT 2 NESW SYSTEM	11/12-27/04

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

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 VT-3 Visual Examinations

Snubber No.	Exam Date	Job Order No.	Results
2-GRC-S537	10-12-04	R0246464	Acceptable
2-GRC-S538	10-12-04	R0246464	Acceptable
2-GRC-S555	10-12-04	R0246464	Acceptable
2-GRC-S562	10-12-04	R0246464	Acceptable
2-GRC-S564	10-12-04	R0246464	Acceptable
2-GRC-S566	10-12-04	R0246464	Acceptable
2-GRC-S573	10-12-04	R0246464	Acceptable
2-GRC-S575	10-12-04	R0246464	Acceptable
2-GRC-S582	10-13-04	R0246464	Acceptable
2-GRC-S592	10-12-04	· R0246464	Acceptable
2-GRC-S594	10-12-04	R0246464	Acceptable
2-GRC-S596	10-12-04	R0246464	Acceptable
2-GRC-S598	10-12-04	R0246464	Acceptable
2-GRC-S599	10-12-04	R0246464	Acceptable
2-GRC-S609	10-12-04	R0246464	Acceptable
2-GRC-S611	10-12-04	R0246464	Acceptable
2-GRC-S623	10-12-04	R0246464	Acceptable
2-GRC-S624	10-13-04	R0246464	Acceptable
2-GRC-S626	10-12-04	R0246464	Acceptable
2-GRC-S629	10-12-04	R0246464	Acceptable
2-GRC-S630	10-12-04	R0246464	Acceptable
2-GRC-S632	10-12-04	R0246464	Acceptable
2-GRC-S631	10-12-04	R0246464	Acceptable
2-GRC-S587	10-12-04	R0246464	Acceptable
2-AFW-S4023	10-22-04	R0245347	Acceptable
2-AFW-S4024(L)	10-22-04	R0245347	Acceptable
2-AFW-S4024(U)	10-22-04	R0245347	Acceptable
2-AFW-S4021	10-22-04	R0245347	Acceptable
2-AFW-S4028(L)	10-22-04	R0245347	Acceptable
2-AFW-S4028(U)	10-22-04	R0245347	Acceptable

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

Snubber VT-3 Visual Examinations (continued)

Snubber No.	Exam Date	Job Order No.	Results
2-AFW-S4027	10-22-04	R0245347	Acceptable
2-AFW-S4025	10-22-04	R0245347	Acceptable
2-AFW-S4031	10-22-04	R0245347	Acceptable
2-AFW-S4032(L)	10-22-04	R0245347	Acceptable
2-AFW-S4032(U)	10-22-04	R0245347	Acceptable
2-AFW-S4029	10-22-04	R0245347	Acceptable
2-AFW-S4036(L)	10-22-04	R0245347	Acceptable
2-AFW-S4036(U)	10-22-04	R0245347	Acceptable
2-AFW-S4035	10-22-04	R0245347	Acceptable
2-AFW-S4033	10-22-04	R0245347	Acceptable
2-GBD-S563(L)	10-12-04	R0247176	Acceptable
2-GBD-S563(U)	10-12-04	R0247176	Acceptable
2-GBD-S569(L)	10-12-04	R0247176	Acceptable
2-GBD-S569(U)	10-12-04	R0247176	Acceptable
2-GBD-S568	10-13-04	R0247176	Acceptable
2-GCCW-S840	8-28-04	R0240820	Acceptable
2-GCCW-S843	8-28-04	R0240820	Acceptable
2-OME-3-1-HSD-3U	10-6-04	R0245073	Acceptable
2-OME-3-1-HSD-3L	10-6-04	R0245073	Acceptable
2-OME-3-1-HSD-1U	10-6-04	R0245073	Acceptable
2-OME-3-1-HSD-1L	10-6-04	R0245073	Acceptable
2-OME-3-2-HSD-3U	10-6-04	R0245073	Acceptable
2-OME-3-2-HSD-3L	10-6-04	R0245073	Acceptable
2-OME-3-2-HSD-1U	10-6-04	R0245073	Acceptable
2-OME-3-2-HSD-1L	10-6-04	R0245073	Acceptable
2-OME-3-3-HSD-3U	10-6-04	R0245073	Acceptable
2-OME-3-3-HSD-3L	10-6-04	R0245073	Acceptable
2-OME-3-3-HSD-1U	10-6-04	R0245073	Acceptable
2-OME-3-3-HSD-1L	10-6-04	R0245073	Acceptable
2-OME-3-4-HSD-3U	10-6-04	R0245073	Acceptable
2-OME-3-4-HSD-3L	10-6-04	R0245073	Acceptable
2-OME-3-4-HSD-1U	10-6-04	R0245073	Acceptable
2-OME-3-4-HSD-1L	10-6-04	R0245073	Acceptable

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

Snubber Functional Tests

Snubber No.	Test Date	Job Order No.	Results	Remarks
2-GRC-S537	10-25-04	R0226292	Accept.	Small Bore Grinnell
2-GRC-S564	10-25-04	R0012538	Accept.	Small Bore Grinnell
2-GRC-S566	10-25-04	R0014603	Accept.	Small Bore Grinnell
2-GRC-S587	10-25-04	R0012533	Accept.	Small Bore Grinnell
2-AFW-S4028-U	10-26-04	R0036213	Accept.	Small Bore Grinnell
2-AFW-S4027	10-26-04	R0037673	Accept.	Small Bore Grinnell
2-GBD-S563-U	10-27-04	R0101350	Accept.	Small Bore Grinnell
2-OME-3-2-HSD-1L	10-16-04	R0078798	Accept.	Large Bore
2-OME-3-2-HSD-1U	10-16-04	R0100001	Accept.	Large Bore
2-OME-3-2-HSD-3L	10-18-04	R0078799	Accept.	Large Bore
2-OME-3-2-HSD-3U	10-19-04	R0058811	Accept.	Large Bore

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

INDIANA MICHIGAN POWER COMPANY DONALD C. COOK NUCLEAR PLANT, UNIT 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

Containment Inservice Inspections

During the reporting period of June 20, 2003 through November 9, 2004, 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, if any were performed. Visual examinations on pressure retaining bolting were performed 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. There were no areas that required to be classified as an Augmented Examination area in accordance with IWE-1240.

Date: _1-7-05

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

1/7/2005 9:49 AM

Page 1 of 3

Date	Unit	Job Order Activity	Examination Area	Exam Method	Indications/Conditions that led to Degradation (if rejectable)	Disposition*/ Corr. Actions
10/2/2004	2	R256824-02	Penetration 2-CPN-76 Flange Bolting	VT-1	None	Accept
10/3/2004	2	R256824-01	Penetration 2-CPN-67 Flange Bolting	VT-1	None	Accept
10/3/2004	2	R256824-11	Penetration 2-CPN-71 Flange Bolting	VT-1	None	Accept
10/13/2004	2	02234043-10	Personnel Airlock 2-AIRLOCK-C612 Various areas prior to paint removal	VT-3	None	Accept
10/13/2004	2	03248008-01	Penetration 2-CPN-5 - At the edge of the cooler toward the flued head to just past the break of the head down toward the main steam line.	VT-3	None	Accept
10/13/2004	2	03247027-01	Penetration 2-CPN-2 - At the edge of the cooler toward the flued head to just past the break of the head down toward the main stem line.	VT-3	None	Accept
10/13/2004	2	R256824-09	Penetration 2-CPN-57 Flange Bolting	VT-1	Localized general corrosion <5%	Accept
10/14/2004	2	02234043-14	Upper Personnel Airlock Bolting 2-UPLIDH-BOLTING inner door handwheel bolting	VT-1	None	Accept
10/14/2004	2	02234043-15	Upper Personnel Airlock Bolting 2-UPLIDI-BOLTING inner door interlock bolting	VT-1	None	Accept
10/14/2004	2	02234043-13	Upper Personnel Airlock Bolting 2-UPLIDH-BOLTING inner door handwheel bolting	VT-1	None	Accept
10/16/2004	2	03248007-01	Penetration 2-CPN-4 - Containment Penetration from Weld Pressurization Channel extending out past radial portion of flued head to insulation		Arc strikes acceptable per 12-MHP- 5050-SPC-002, flaking, blistering, peeling paint, and discoloration caused by high temps. No base metal degradation.	Accept
10/16/2004	2	02234043-12	Upper Personnel Airlock Bolting 2-UPLIDV-BOLTING inner door viewport bolting	VT-1	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".

Prog. Owner: Janes M. Fither

Date: <u>/-7-05</u>

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

1/7/2005 9:49 AM

Page 2 of 3

Date	Unit	Job Order Activity	Examination Area	Exam Method	Indications/Conditions that led to Degradation (if rejectable)	Disposition*/ Corr. Actions
10/16/2004	2	R0246502-06	1) Zone 2-612-5 EL. 637', behind Ice Cond. Between Col. 5 & 6. Section of liner plate approx. 18" long 12" up above Divider Barrier seal. 2) Zone 2-612-20 EL. 638', behind Ice Cond. Between Col. 20 & 21. Section of liner plate approx. 18" long and 12" up above Divider Barrier seal.	General Visual	None	Accept
10/19/2004	2	- R0246386-07	Exam prior to coating removal: 1) Zone 2-612-25B 6' section east of vertical divider barrier seal from EL. 637' down to EL. 627'. 2) Zone 2-612-25A 6' section east of vertical divider barrier seal from EL. 627' down to EL. 612' and 6' section above horizontal divider barrier seal. 3) Zone 2-612-26A 6' section above horizontal divider barrier seal. 4) Zone 2-612-27A 6' section above horizontal divider barrier seal.	VT-3	Coating: peeling, delamination, chipped paint, cementitious material. No base metal degradation.	Accept
10/20/2004	2	R0256824-05	Personnel Airlock 2-AIRLOCK-C612 inner and outer door handwheel bolting - 2-LPLODH-BOLTING, 2-LPLIDH-BOLTING	VT-1	None	Accept
10/20/2004	2	03248006-01	Exam prior to coating removal: Penetration 2-CPN-3 from liner plate weld pressurization channel to 4-pass cooling coil.	VT-3	VT-3 Coating: flaking, peeling, discoloration, cementitious material. No base metal degradation.	
10/26/2004	2	R256824-04	Personnel Airlock 2-AIRLOCK-C612 outer door electrical penetration 2-LPLODE-BOLTING	VT-1	None	Accept
10/25/2004	2	R256824-03	Personnel Airlock 2-AIRLOCK-C612 inner door electrical penetration 2-LPLIDE-BOLTING	VT-1	None	Accept
10/26/2004	2	R246386-07	Exam prior to coating removal: Penetration 2-CPN-76 and liner plate at EL. 598 by Column 22 from floor to 4 feet above floor.	VT-3	VT-3 Coating: flaking, peeling, discoloration, mechanical damage. No base metal degradation.	

^{*}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".

Prog. Owner: Jana M. Fithel

Date: <u>/- 7-05</u>

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

1/7/2005 9:49 AM

Page 3 of 3

Date	Unit	Job Order Activity	Examination Area	Exam Method	Indications/Conditions that led to Degradation (if rejectable)	Disposition*/ Corr. Actions
10/28/2004	2	R102265-02	Personnel Airlock 2-AIRLOCK-C650 upper personnel lock inner and outer door viewport bolting - 2-UPLIDV-BOLTING, 2-UPLODV-BOLTING	VT-1	VT-1 None	
10/28/2004	2	04032011-07	Personnel Airlock 2-AIRLOCK-C612 inner door viewport bolting - 2-LPLIDV-BOLTING	VT-1	VT-1 None	
10/31/2004	2	R246386-07	Exam prior to coating repairs: Zone 2-612-10B, Zone 2-612 11B, 2-612-12B, 2-612-13B, 2-612-14B, 2-612-15B	VT-3	Coating: chipping, flaking, peeling, delamination, surface rust. No liner degradation noted.	Accept
11/2/2004	2	R102265-01	Personnel Airlock 2-AIRLOCK-C612 inner and outer door viewport and electrical penetration bolting - 2-LPLIDV-BOLTING, 2-LPLIDE-BOLTING, 2-LPLODE-BOLTING	VT-1	None	Accept
11/3/2004	2	R246386-07	Exam prior to coating repair: liner plate at 612 EL of the East CEQ Fan Room from one vertical divider barrier seal to the other divider barrier seal from floor to 1 foot above weld channel approx. 7 feet above floor.	VT-3	Coating: flaking, peeling, discoloration. 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".

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

1.0 2004 Steam Generator In-Service Inspections

During October of 2004, eddy current inspections were conducted on the Unit 2 steam generators as detailed below. Based upon the favorable results of this inspection and in accordance with the provisions of Technical Specification 4.4.5.3a as noted above, the Unit 2 steam generators continue to be on an inspection interval of up to 40 calendar months. As such, the Unit 2 steam generators will next be inspected in the fall of 2007.

1.1 Unit 2 Steam Generator Description

The four replacement Westinghouse model 54F steam generators were initially placed in service in March of 1989.

Each of the replacement steam generators contains 3592 thermally treated (TT) alloy 690 tubes with an outside diameter of 0.875 inches and a nominal wall thickness of 0.050 inches. All tubes in the eight innermost rows were thermally stress relieved after bending. In addition, the bundle has an increased tube bend radius i.e. row 1 bend radius is equal to 3.14 vs. 2.19 in the original steam generators, which further reduces the residual stress in the U-bend area.

The tube support structures consist of seven 1.12 inch thick support plates with quatrefoil holes and six anti-vibration bars that are located in the u-bend region of the tubes. There is also a flow distribution baffle located between the tubesheet and the first support plate. The flow distribution baffle is 0.75 inches thick with octofoil holes. The support plates, anti-vibration bars, and the flow distribution baffle are all made of type 405 stainless steel.

The tubesheet is a nominal 21 inches thick and is made of ASME SA-508 Class 2a low alloy steel forging material with Inconel cladding on the primary side. With the exception of seven tubes that lack hydraulic expansion in either the hot or cold leg tubesheet due to a manufacturing oversight, all remaining tubes are fully hydraulically expanded into the tubesheet.

1.2 <u>Inspection Scope</u>

The 2004 Cook Unit 2 steam generator inspection scope consisted of:

- 25% full length inspection (except Row 1 and Row 2 U-bends) with a bobbin coil –
 All SGs
- 20% hot leg expansion transition, +/- 3" with a rotating coil SGs 22 & 23
- 20% small radius (Row 1 and Row 2) U-bends with a rotating coil SG 22
- Special interest rotating coil examinations in areas of interest reported during the bobbin coil – All SGs

1.3 Inspection Results

The bobbin coil sample inspection resulted in eleven indications of potential tube degradation among the four steam generators.

Four of these indications were minor tube support wear indications that had been identified during previous inspections and were in the 2004 inspection plan for continued monitoring. Review of these indications found essentially no change from the last inspection:

SG	Tube Row	Tube Column	Location	2002 Results (% Through-Wall)	2004 Results (% Through-Wall)	
21	6	53	5 th Hot Leg Support - 0.63"	6	6	
21	6	53	6th Hot Leg Support - 0.61"	11	13	
21	6	54	4 th Hot Leg Support - 0.64"	7	5	
21	6	54	5 th Hot Leg Support - 0.62"	4	4	

The remaining seven bobbin coil indications of interest required further characterization by rotating examination:

- The one distorted tubesheet indication (DTI) was examined and no degradation was detected.
- The one permeability variation indication (PVN) was examined and no degradation was detected.
- The one distorted support indication (DSI) was examined and a loose part (LPI) was detected. This tube was ultimately plugged due to loose part wear.
- The four manufacturing burnish mark indications (MBI) were examined and were identified as volumetric (VOL). As a result of the rotating coil examination and historical comparisons, these four indications were revised to manufacturing burnish mark history (MBH) indications. That is, a manufacturing burnish mark indication from a previous inspection that had not changed.

No indications of degradation were detected during the planned rotating coil inspections performed at the top of the tubesheet or in the U-bend area.

Special interest inspections were performed on a sample of dings ≥ 2 volts, a sample of freespan indications ≥ 0.50 volts, all tubesheet bulge indications from the programmed bobbin coil tubes, all bobbin "I" codes, all permeability indications and all indications of no hydraulic expansion. In addition, areas where loose parts were identified were also inspected to ensure no tube damage was present. The examinations were all conducted with a rotating coil and detected no degradation.

1.4 Plugged Tubes

The tube in location row 46, column 37 in steam generator 22 was plugged due to tube wear from a foreign object. The indication was located just below the hot leg flow distribution baffle and was sized at 25% by the bobbin coil and 33% by rotating coil. As a result, this tube was considered degraded ($\geq 20\%$ wall loss). The examination did not identify any other tubes that were degraded or defective and as result, no other tubes were plugged.

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

Unit 2 Cycle 15 ASME Repairs and Replacements

Job Order	Description	Component	Code Class
04281076 12	2-ACS-R-5017, CUT SUPPORT, INSTALL, WELD IN PLACE	2-ACS-R-5017	2
R0037673 01	2-AFW-S4027: REMOVE / FUNCTIONAL TEST /REPLACE	2-AFW-S4027	2
R0036213 01	REMOVE/FUNCTIONAL TEST/INSTALL NEW SNUBBER	2-AFW-S4028-U	2
04028019 01	2-MOD-45672, MODIFY RTD BYPASS MANIFOLD SUPPORT	2-ARC-R4007	1
R0233734 01	2-CCW-122 DISASSEMBLE/INSPECT/REPAIR/REPLACE PARTS	2-CCW-122	2
03274024 01	2-CCW-135 REPLACE VALVE	2-CCW-135	2
R0247984 01	2-CCW-142 DISASSEMBLE/INSPECT PER SOER 86-03	2-CCW-142	2
04259051 01	2-CPN-66, REPAIR LEAK AT PENETRATION (2-DCR-202)	2-CPN-66	2
04281076 03	2-CMM-40151; PREP NEW VALVE FOR INSTALLATION	2-CS-269W	2
03267031 01	2-CS-369 REPLACE VALVE BONNET PER EE-2004-0095	2-CS-369	2
03268007 01	2-CS-370 REPLACE VALVE BONNET PER EE-2004-0095	2-CS-370	2
04028033 02	2-MOD-45518, INSTALL CHECK VALVE AND TEST POINT	2-CS-605	2
03216002 01	2-CTS-119E, DISASSEMBLE, REPAIR TO STOP BINDING.	2-CTS-119E	2
03238025 01	REPLACE U2 SGBD PIPING UNDER FLOW INST 2-DFI-411	2-DFI-411	2
03238025 02	REPLACE U2 SGBD PIPING UNDER FLOW INST 2-DFI-421	2-DFI-421	2
03171066 02	2-FW-118-4 REMOVE TEMP MOD/REPAIR BRG COVER	2-FW-118-4	2
03171066 15	2-FW-118-4 DISASSEMBLE,EXCAVATE CKV BODY ANOMALY	2-FW-118-4	2
03171066 17	2-FW-118-4 WELD REPAIR EXCAVATED AREAS, REASSEMBLE	2-FW-118-4	2
03171066 22	INSPECT/REPAIR INDICATIONS ON NORTH SIDE OF VLV.	2-FW-118-4	2
03237006 05	2-FW-132-1 MACHINE VLV BODY GASKET SEATING SURFACE	2-FW-132-1	2
C0092918 01	2-FW-132-2 INSTALL DISC. W/ANTI-ROTATION LUGS	2-FW-132-2	2
C0092918 04	2-FW-132-2 INSTALL ANTI-ROTATION LUGS ON NEW DISC	2-FW-132-2	2
03225029 06	2-FW-132-3, REPLACE BODY TO BONNET GASKET	2-FW-132-3	2
03351050 01	2-FW-132-3 DISASSEMBLE/INSPECT/REPAIR CHECK VALVE	2-FW-132-3	2
R0214393 01	2-FW-138-3 INSPECT CHECK VALVE, PER 86-03 PROGRAM	2-FW-138-3	2
C0092923 04	2-FW-138-3 INSTALL ANTI-ROTATION LUGS ON NEW DISC	2-FW-138-3	2
R0101350 01	2-GBD-S563-U: REMOVE / FUNCTIONAL TEST /REPLACE	2-GBD-S563-U	2

Job Order	Description	Component	Code Class
04288060 03	2-GRC-R-574 REPAIR GAP AT BEARING LOCATION	2-GRC-R-574	1
R0226292 01	2-GRC-S537: REMOVE/TEST AND INSTALL NEW SNUBBER	2-GRC-S537	1
R0012538 01	2-GRC-S564: REMOVE / FUNCTIONAL TEST /REPLACE	2-GRC-S564	, 1
R0014603 01	2-GRC-S566: REMOVE / FUNCTIONAL TEST /REPLACE	2-GRC-S566	1
04289031 01	2-GRH-R-817 REPAIR PIPE HANGER NEXT TO 2-RH-116E	2-GRH-R-817	2
02127061 01	2-LDCP-5205 REWORK AND INSPECT HANGERS	2-GRH-R810	2
02038052 03	2-ICM-321, REPLACE BONNET	2-ICM-321	2
02220023 06	2-ICM-321-ACT TACK WELD YOKE TO VALVE BONNET	2-ICM-321	2
04276008 01	2-ILA-121-V1 INVESTAGATE AND REPAIR BORON LEAK	2-ILA-121-V1	2
03316029 08	2-ILA-202, REPLACE FASTENERS AND INCREASE TORQUE	2-1LA-202	2
04307059 01/02	2-CMM-40155; INSTALL HOT TAP TO RHR SUCTION	2-IMO-390	2
03339023 01	2-MOD-35533, REPLACE VALVES 2-IRV-310, 311, & 320	-2-IRV-310	2
03339023 05	2-MOD-35533, REPLACE VALVES 2-IRV-310, 311, & 320	2-IRV-311	2
03339023 09	2-MOD-35533, REPLACE VALVES 2-IRV-310, 311, & 320	2-IRV-320	2
R0250848 01	2-MRV-210 DISASSEMBLE/REFURBISH THE VALVE ASSEMBLY	2-MRV-210	2
04047056 01	2-MRV-241 REPAIR VALVE LEAK BY	2-MRV-241	2
04277047 01	2-MS-135-1, WELD REPLACE VALVE	2-MS-135-1	2
04090049 03	2-OME-3-1, RESTORE SECONDARY MANWAY FROM TEMP. MOD	2-OME-3-1	2
R0252183 01	2-OME-3-4 REPLACE MANWAY STUDS AND NUTS AS NEEDED	2-OME-3-4	1
04276040 14	2-PP-50W, INSTALL NEW PUMP ASSEMBLY EE-2003-0619	2-PP-50W	2
04276040 22	2-PP-50W, RE-INSTALL PUMP DIACHARGE PIPE	2-PP-50W	2
04281076 01/02/03	2-CMM-40151; REPLACE PIPING	2-PP-50W	2
03162051 01	2-PW-275, REPLACE WELDED CHECK VALVE(EE-2003-0003)	2-PW-275	2
R0246683 05	2-SV-45A REMOVE/REPLACE VALVE FOR TESTING	2-SV-45A	1
R0255732 06	2-SV-45B REMOVE/REPLACE VLV FOR SETPOINT TESTING	2-SV-45B	1
R0255731 05	2-SV-45C, REMOVE/REPLACE VALVE FOR TESTING	2-SV-45C	1
04118056 01	2-SV-51; REPLACE WITH NEW VALVE AND TEST	2-SV-51	2
R0230508 03	2-TK-86 OPEN/CLOSE TO ACCESS 2-SV-344E FOR TESTING	2-TK-86	2

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

As Required by the Provisions of the ASME Code Section XI

1. Owner <u>AN</u>	MERICAN ELECTR	IC POWER		Dat	e1	0-23-04	· · · · · · ·	
P.O. Box 60 F	Name Fort Wayne, IN 46 Address			She	et <u>1</u>	of_	2	
2. Plant <u>D.C. CO</u>	OK NUCLEAR PO		_	Uni	2_	Compone	ent <u>2-ACS-R-50</u>	0187 KRL 12/151
One Cook Pl	ace, Bridgman, MI Address	49106					4281076-12 Job No., etc	
	ed by <u>AEP/D.C. CC</u> Nan <u>lace, Bridgman, Ml</u> Address	49106	<u>nt</u>	Auti	e Code horizalio iralion [on No.	Stamp <u>N/A</u> <u>N/A</u> N/A	
I. Identification of	of System: <u>CHEM</u>	ICAL VOLUMN AN	D CONTR	ROL ISI	CLASS	32	·	
		B31.1 1983 Ed, N <i>lf</i> (I Utilized for Repai				Addenda	<u>a</u>	•
6. Identification	of Components I	Repaired or Replac	ed and R	leplacemen	t Comp	onents		
Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identifics		Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-ARC-R-5017					•			
1/8" WELD FILLER MATERIAL	N/A	M&E 30-044313 ASP 28160	N/A	ER 709	5-2	N/A	REPLACED .;	NO
	L	<u></u>	1			1	l	L
7. Description o	f Work <u>CUT SUP</u>	PORT AND REWE	LD TO AL	LOW PIPE	INSTAL	LATION		
8. Test Conduc	ted: Hydrostatic	Pneumatic Pressure N	_	I Operating Test Temp.				

INIT TO THE

FORM NIS-2 (Back) Job Order/File 04281076-12

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed Dewayne Timmons Maintenance Welding Supervisor Date — DEC, 6, , 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's
Report during the period $\frac{10/22/64}{20/20}$ to $\frac{10/29/640}{20/20}$, 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 NBG977 MI 800 971 National Board, State, Province, and Endorsements
Date 12 /10 20 000

As Required by the Provisions of the ASME Code Section XI

Nam	ne rt Wayne, IN 468 Address	• •	L	Sheet <u>1</u>		2	
	K NUCLEAR PO Nam e, Bridgman, MI Address		-	JOB ORDI	ER No. F	ent <u>2-AFW-S402</u> R0037673-01 P.O. No., Job No.,	
	d by <u>AEP/D.C. C</u> Nam ce, Bridgman, MI Address		<u>nent</u>	Type Code Authorizati Expiration	on No.	Stamp <u>N/A</u> <u>N/A</u> <u>N/A</u>	
	<u> </u>	NATER ISICLAS					
5. (a) Applicable Co(b) Applicable Eo		<u>B31.1 1983 Ed, N/A</u> (I Utilized for Repair:			o Addend	<u>a</u>	
6. Identification o	f Components F	Repaired or Replace	ed and Re	eplacement Com	ponents		
Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe d (Yes or No)
2-AFW-S4027				•			
SNUBBER	GRINNELL	M&E 30-024683 ASP # 29372	N/A	N/A	N/A	Replacement	- NO
SEAL KIT	GRINNELL	M&E 30-025060 ASP-26432	N/A	N/A	N/A	Replacement	NO
"A" SEAL KIT	GRINNELL	M&E 30-040591 ASP-28476	N/A	N/A	N/A	Replacement	NO
BUSHING PISTON	GRINNELL	M&E 30-024791 ASP-23023	N/A	N/A	N/A	Replacement	NO

INIT-115/02

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

Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Description of Work REPLACED SNUBBER

7.

8.

Other X

FORM NIS-2 (Back) Job Order/File R0037673-01

9. Remarks:
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
No positive that the statements made in the remove are convent and this DEDI ACEMENT.
We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Duright Sungano
Signed Dewayne Timmons Maintenance Welding Supervisor Date Nov. // ,20 04
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 ofMichiganand employed byABS GROUP INCof
the State or Province of Michigan and employed by ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 10/69/60 , 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.
$///_{\Lambda}$
Minus Similar X/Blogger MI 300 071 -
Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date 12/13 2000

As Required by the Provisions of the ASME Code Section XI

. Owner <u>AME</u>	RICAN ELECTRIC	C POWER	D	ate10-27-04	4		
• • • • • • • • • • • • • • • • • • • •	ort Wayne, IN 468 Address	301		Sheet 1	of_	2	
. Plant <u>D.C. COC</u>	OK NUCLEAR PO		-	Unit2_	Compone	ent <u>2-AFW-S402</u>	<u>8-U</u>
One Cook Pla	ce, Bridgman, MI Address	Name 4 <u>9106</u>				0036213-01 P.O. No., Job No.,	etc
\	ed by <u>AEP/D.C. C</u> Nam ace, Bridgman, MI Address		nent	Type Code Authorizat Expiration	ion No.	Stamp <u>N/A</u> <u>N/A</u> <u>N/A</u>	
. (a) Applicable C	Const. Code ANSI	WATER ISI CLAS B31.1 1983 Ed, N/A		Code Case		-	
• • • • • • • • • • • • • • • • • • • •		(I Utilized for Repairs Repaired or Replace	s or Repla	cements <u>1989, N</u>	_	<u>1</u>	
• • • • • • • • • • • • • • • • • • • •		(I Utilized for Repairs	s or Repla	cements <u>1989, N</u>	_	Repaired, Replaced, or Replacement	Cod Stam d (Ye
identification Name of	of Components R	Repaired or Repairs Repaired or Replace Manufacturer Serial No. (Material M&E,	or Replaced and Re National Board	placement Com Other	ponents Year	Repaired, Replaced,	ASM Cod Stam d (Yes

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Replacement

Replacement

Replacement

7.	Description of Work REPLACED SNUBBER
8.	Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other X VT-3 Pressure N/A psi. Test Temp. N/A F

M&E 30-025060

ASP-26432

M&E 30-040591

ASP-28476

M&E 30-024791

ASP-20905

SEAL KIT

"A" SEAL KIT

BUSHING PISTON

GRINNELL

GRINNELL

GRINNELL

NIT-A-

NO

NO

NO

41

FORM NIS-2 (Back) Job Order/File R0036213-01

9. Remarks:
Applicable Manufacturer's Data Reports to be attached
<u></u>
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Dewayse Timmons Maintenance Welding Supervisor Date Nov- il , 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 10/20/10 to 10/27/04, 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 NBG 77 M/300975 National Board, State, Province, and Endorsements Date 12/13 2000

As Required by the Provisions of the ASME Code Section XI

1.	Owner AMERICAN ELECTRIC POWER Name	Date							
	P.O. Box 60 Fort Wayne, IN 46801 Address	Sheet 1 of 3							
2.	Plant D.C. COOK NUCLEAR POWER PLANT Name	Unit 2 Component 2-ARC-R4007							
	One Cook Place, Bridgman, MI 49106	JOB ORDER No. 04028019-01							
	Address	Repair Org. P.O. No., Job No., etc							
	,								
3.	Work Performed by AEP/D.C. COOK Maint. Department	Type Code Symbol Stamp N/A							
٠.	Name	Authorization No. N/A							
	One Cook Place, Bridgman, MI 49106	Expiration Date N/A .							
	Address	Expiration bate 14/A							
	Addiess								
4.	Identification of System: REACTOR COOLANT ISI CLASS 1								
	 5. (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed, N/A Add. Code Case</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989, No Addenda</u> 								
6.	6. Identification of Components Repaired or Replaced and Replacement Components								

Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-ARC-R4007							
STEEL ANGLE 4" x 4" x 3/8"	N/A	M&E 30-153034 ASP 18841	N/A	ASTM A36 1990	N/A	ADDED	МО
5/8" PLATE	N/A	M&E 30-153194 ASP 23756	N/A	ASTM A36 1990	N/A	ADDED	NO
TUBE STEEL 4" x 4" x 1/4"	N/A	M&E 30-153269 ASP 29063	N/A	ASTM A500 1990	N/A	ADDED	NO
1/2" PLATE	N/A	M&E 30-153250 ASP 16017	N/A	ASTM A36 1990	N/A	ADDED	NO

7.	Description of Work ADD A SUPPORT TO PIPING	
	Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other MT, VT-3 Pressure N/A psi. Test Temp. N/A F	

INIT 41/05

As Required by the Provisions of the ASME Code Section XI

1.	I. Owner <u>AMERICAN ELECTRIC POWER</u> Name P.O. Box 60 Fort Wayne, IN 46801 Address					Dateof3				
2.	2. Plant <u>D.C. COOK NUCLEAR POWER PLANT</u> Name One Cook Place, Bridgman, MI 49106 Address				JOB ORDE	Unit2 _ Component2-ARC-R4007				
3.	3. Work Performed by <u>AEP/D.C. COOK Maint. Department</u> Name One Cook Place, Bridgman, MI 49106 Address				Authorizatio	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>				
 Identification of System: REACTOR COOLANT ISI CLASS 1 (a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add. Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda Identification of Components Repaired or Replaced and Replacement Components 										
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
2	-ARC-R4007									
	FIG 137 U-BOLT	GRINNELL .	M&E 30-024116 ASP 16149	N/A	N/A	N/A	ADDED	NO		
7.	Description o	of Work <u>ADD A SL</u>	JPPORT TO PIPINO	<u> </u>						
8.	Other MT, VT-3 Pressure N/A psi. Test Temp. N/A F									

INITED 1/6/05

44

FORM NIS-2 (Back) Job Order/File 04028019-01

9. Remarks:_					
Applicable Manufacturer's Data Reports to be attached					
· · · · · · · · · · · · · · · · · · ·					
CERTIFICATE OF COMPLIANCE					
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement					
Type Code Symbol Stamp NONE					
Certificate of Authorization No. N/A Expiration Date N/A					
Signed Dewayne Timmons Maintenance Welding Supervisor Date Jan 4 , 20 05 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period to Mover to ABS GROUP INC. of Mover'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 MBG977 M1301874 National Board, State, Province, and Endorsements					
Date 1/6 2005					

As Required by the Provisions of the ASME Code Section XI

_											
1.	. Owner <u>AMERICAN ELECTRIC POWER</u> Name P.O. Box 60 Fort Wayne, IN 46801				-	Date 10-17-04 Sheet 1 of 2					
	P.O. BOX 00 1	Address			Sileet_T_	Glicet 1 01 2					
2.	Plant D.C. COOK NUCLEAR POWER PLANT Name				· Unit 2	Unit 2 Component 2-CCW-122					
	One Cook Place, Bridgman, MI 49106 Address					JOB ORDER No. R0233734-01 Repair Org. P.O. No., Job No., etc					
· · · · · · · · · · · · · · · · · · ·					Type Code Authorizatio	• .	Stamp <u>N/A</u> N/A				
One Cook Place, Bridgman, MI 49106 Expiration Date N/A Address											
4.	Identification of	of System: <u>COMP</u>	ONENT COOLING	WATER	ISI CLASS 2		••				
5.			B31.1 1983 Ed, N/A KI Utilized for Repair			Addenda	<u>a</u>				
6.	Identification	of Components I	Repaired or Replac	ed and R	eplacement Comp	onents					
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)			
	2-CCW-122			·							
	VALVE	CENTERLINE	M&E 30-034578 ASP 29322	N/A	DEDICATION PLAN PV-0057	N/A	REPLACED	NO			
					_						
						·					
7	Dosprintion	f Work PEDIACE	- VALVE	<u>*</u>							
7.	nescubilou o	f Work <u>REPLACE</u>		_		 					
8.	Test Conduc	· ·	Pneumatic re <u>N/A</u> psi. Te			re X					

INIT DE TIME

46

FORM NIS-2 (Back) Job Order/File R0233734-01

9. Remarks:
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed Dewayne Timmons Maintenance Welding Supervisor Date Jan 5, 20 05 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 8/27/02 to 10/3/64 , 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 mamper for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

_									
1.	Owner A	MERICAN ELECTR	IC POWER		Date1	0-14-04			
	P.O. Box 60 1	Name <u>Fort Wayne, IN_468</u> Address			Sheet 1	Sheet 1 of 2			
2.	. Plant <u>D.C. COOK NUCLEAR POWER PLANT</u> Name				Unit2	Unit 2 Component 2-CCW-135			
	One Cook Place, Bridgman, MI 49106 Address					JOB ORDER No. 03274024-01 Repair Org. P.O. No., Job No., etc			
3.	3. Work Performed by <u>AEP/D.C. COOK Maint. Department</u> Name One Cook Place, Bridgman, MI 49106				Authorization	Type Code Symbol Stamp N/A Authorization No. N/A			
	One Cook P	lace, Bridgman, Mi Address			Expiration [Jate .	<u>N/A</u>		
4.	Identification of	of System: <u>COMP</u>	ONENT COOLING	WATER	ISI CLA	SS 2			
			B31.1 -1983 Ad (I Utilized for Repai			Addenda	<u>a</u>		
6.	Identification	of Components F	Repaired or Replac	ed and R	Replacement Comp	onents			
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
	2-CCW135								
	VALVE		M&E 30-037575 ASP 29211	N/A	ASME SA479 TP316		REPLACED .		
-						1	<u>. </u>	<u>.</u>	
7.	Description o	of Work <u>REPLACE</u>	D VALVE						
8.	. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X Other VT-2 Pressure N/A psi. Test Temp. N/A F								

INIT A

FORM NIS-2 (Back) Job Order/File 03274024-01

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed Dewayn Timmons Maintenance Welding Supervisor Date DEC. 8, 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period Q/2/04 to //i/3/00 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 National Board, State Province, and Endorsements National Board, State Province, and Endorsements

As Required by the Provisions of the ASME Code Section XI

=									
1.	Owner A	MERICAN ELECTR	IC POWER		Date1	Date10-12-04			
	P.O. Box 60 I	Name Fort Wayne, IN 466 Address			Sheet 1	Sheet _ 1 _ of _ 2			
2.	2. Plant D.C. COOK NUCLEAR POWER PLANT Unit Name				Unit2	Compone	ent <u>2-CCW-142</u>		
	One Cook Place, Bridgman, MI 49106 Address					JOB ORDER No. R0247984-01 Repair Org. P.O. No., Job No., etc			
Name Author				Type Code Authorizatio Expiration I	on No.	Stamp <u>N/A</u> <u>N/A</u> <u>N/A</u>			
4.	Identification of	of System: <u>COMP</u>	ONENT COOLING	WATER	ISI CLASS 2				
5.	 (a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add. Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda 								
6.	Identification	of Components I	Repaired or Replac	ed and R	Replacement Comp	onents	·	,	
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
	2-CCW-142				•				
	VALVE	CENTERLINE	M&E 30-034576 ASP 29202	N/A	DEDICATION PLAN PV-0057	N/A	REPLACED	NO	
		·				-			
				·					
7.	•	. of Work <u>REPLACE</u> ted: Hydrostatic		Nomina	ıl Operating Pressu	re X			
	Other								

INIT # 15

FORM NIS-2 (Back) Job Order/File R0247984-01

9. Remarks:
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Demonto Como
Signed Dewayne Timmons Maintenance Welding Supervisor Date Dec. 14, 20 of Owner or Owner's Designee, Title
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
j,
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 ABS GROUP INC. of
HOUSTON, TEXAS / have inspected the components described in this Owner's Report during the period
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 National Board, State, Province, and Endorsements
Date
I

As Required by the Provisions of the ASME Code Section XI

		· · · · · · · · · · · · · · · · · · ·							
N	MERICAN ELECTR ame Fort Wayne, IN 46 Address	 801		Date		2	•		
2. Plant D.C. CO					Unit 2 Component 2-CPN-66				
One Cook P	Name One Cook Place, Bridgman, MI 49106 Address				JOB ORDER No. 04259051-01 Repair Org. P.O. No., Job No., etc				
	Name One Cook Place, Bridgman, MI 49106 Address					Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>			
4. Identification	of System: <u>NUCL</u>	EAR SAMPLING PE	ENETRAT	ION ISI CLAS	S 2				
(b) Applicable	Edition of Section 2	B31.1 1983 Ed, N// (I Utilized for Repai Repaired or Replac	rs or Repl	acements 1989, No		<u>a</u> .			
Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
2-CPN-66				•		·			
1/16" WELD FILLER MATERIAL	N/A	M&E 30-045071 ASP 1191	N/A	ER 316	N/A	REPLACED .;	NO		
	CM L DEPAIR		FRATION		·.				
7. Description of	or Work <u>REPAIRE</u>	D WELD AT PENE	IKATION						
8. Test Conduction									

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INIT DE 12/16/00

FORM NIS-2 (Back) Job Order/File 04259051-01

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
<u> </u>
•
. CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp <u>NOŃE</u>
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Dewayne Vimmons Maintenance Welding Supervisor</u> Date <u>Nov. 3d</u> , 20 <u>04</u> Owner or Owner's Designee, Title
· · · · · · · · · · · · · · · · · · ·
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period Office to Mover 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 MBG977 M 30977 National Board, State, Province, and Endorsements
Date 62/16 20.000

As Required by the Provisions of the ASME Code Section XI

Owner A	Owner AMERICAN ELECTRIC POWER Name				Date10-15-04				
P.O. Box 60 I	Fort Wayne, IN 46 Address			Sheet 1	Sheet _1of_ 2				
Plant D.C. CC	OK NUCLEAR PO	OWER PLANT	_	Unit2_	Unit 2 Component 2-CS-269W				
Name <u>One Cook Place, Bridgman, MI 49106</u> Address					JOB ORDER No. 04281076-03 Repair Org. P.O. No., Job No., etc				
Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address				Authorization	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>				
Identification of	of System: <u>CHE</u>	MICAL VOLUMN AN	D CONTR	OL ISI CLASS	32				
		l B31.1 1983 Ed, N/A XI Utilized for Repai			Addenda	<u>a</u>			
Identification	of Components	Repaired or Replac	ed and R	eplacement Comp	onents				
Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe (Yes or No)		
2-CS-269W				·					
	l		 		 	DEDI 4000	NO		
	N/A	M&E 30-034029 ASP 16517	N/A	ASME SA351 GR CF8	N/A	REPLACED			
	N/A		N/A		N/A	REPLACED			
VALVE DISC	N/A		N/A		N/A	REPLACED			
VALVE DISC	N/A of Work REPLAC	ASP 16517	N/A		N/A	REPLACED			

INIT #

FORM NIS-2 (Back) Job Order/File 04281076-03

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Dewayne Timmons</u> <u>Maintenance Welding Supervisor</u> Date <u>Nov. 19</u> , 20 2004 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period of Icas of to Icas 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 2 Commissions NB 6974 M1 300975 National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

								
1.	OwnerAN	MERICAN ELECTR	RIC POWER		Date1	0-19-04		
	P.O. Box 60 F	Name F <u>ort Wayne, IN 46</u> Address			Sheet 1	of_	2	
2.	Na	OK NUCLEAR PO		_	\		ent <u>2-CS-369</u>	
	One Cook Pla	ace, Bridgman, Ml Address	49106		<u>JOB ORDE</u> Repair Org.		3267031-01 lob No., etc	
3.	Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A							
	(a) Applicable (b) Applicable	Const. Code ANSI Edition of Section	IICAL VOLUMN AN B31.1 1983 Ed, N/F XI Utilized for Repai Repaired or Replac	A Add. Cors or Repl	o <u>de Case</u> acements <u>1989, No</u>	Addenda	 <u>1</u>	
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	2-CS-369							
	VALVE BONNET		M&E 30-040530 ASP 28652	N/A	ASME SA351 GR CF8	N/A	REPLACED	NO
	1/2" STUD	N/A	M&E 30-040599 ASP 28399	N/A	ASME SA453 GR 660 CL B	N/A	REPLACED	NO
	½" NUTS	N/A	M&E 30-212070 ASP 22002	N/A	ASME SA194 GR 8FH	N/A	REPLACED	NO
							ļ	1

1.	Description of Work REPLAC	LED VALVE BONI	NET AND BOLTING	
			Nominal Operating Pressure	
	Other VT-2	Pressure _	N/A psi. Test Temp. N/A	F

INIT 1/7/05

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FORM NIS-2 (Back) Job Order/File 03267031-01

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
•
. CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed Dewayne Timmons Maintenance Welding Supervisor Date DEC. 13, 2004 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period Flory 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 \(\begin{align*} \lambda \begin{align*} \lambda \l
Date

As Required by the Provisions of the ASME Code Section XI

One C Work P	.C. COOK NUCLE Nam ook Place, Bridgn Address			Unit <u>2</u>	Compone	ont 2.09.270		
Work P	ook Place, Bridgn Address				•	ent <u>2-03-370</u>		
One C	,			JOB ORDE Repair Org.		3268007-01 Job No., etc		
	Cook Place, Bridgr	D.C. COOK Maint. Depa Name nan, MI 49106 ddress	<u>ırtment</u>	Type Code Authorization	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>			
. Identific	ation of System:_	CHEMICAL VOLUMN	AND CONTE	ROL ISICLAS	ssøa k	sw 1/6/05		
(b) Appl	icable Edition of S	e <u>ANSI B31,1 1983 Ed</u> ection XI Utilized for Ro nents Repaired or Re	epairs or Rep	acements 1989, No		<u>.</u> <u>a</u>		
Name o Compon			Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
2-CS-37	0							
VALVE	i i	M&E 30-0405 ASP 2938		ASME SA351 GR CF8	N/A	REPLACED	NO	
1/2" STU	ID N/A	M&E 30-0409 ASP 2919	1	ASME SA453 GR 660	N/A	REPLACED	NO	
½" NU	TS N/A	M&E 30-2120 ASP 2200		ASME SA194 GR 8FH	N/A	REPLACED	NO	

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Test Conducted: Hydrostatic

8.

Other

Pneumatic Nominal Operating Pressure

Pressure N/A psi. Test Temp. N/A

INT # 12/31/04

FORM NIS-2 (Back) Job Order/File 03268007-01

. Centarks:
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Denry James
Signed Dewayne Timmons Maintenance Welding Supervisor Date 12013 2004
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 byABS GROUP INC of
HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 4/87/04 to ///09/04 , and state that to the best of my
Report during the period 4/87/04 to 1/09/6¢, 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.
i(0)
Walland Walland
Inspector's Signature National Board, State, Province, and Endorsements
Date 12/20 2000
'

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

		MERICAN ELECTI Nan Fort Wayne, IN 46 Address	ne 8801	-	Da Sheet <u>1</u>	teof_	2			
	Plant D.C. COOK NUCLEAR POWER PLANT Name One Cook Place, Bridgman, MI 49106 Address				JOB ORDE	Unit 2 Component 2-CS-605 JOB ORDER No. 04028033-02 Repair Org. P.O. No., Job No., etc				
	e Cook F	ed by <u>AEP/D.C. C</u> Nar <u>Place, Bridgman, N</u> Address		<u>ent</u>	Type Code Authorization I Expiration I	on No.	Stamp <u>N/A</u> <u>N/A</u> <u>N/A</u>			
5. (a) Ap (b) Ap	plicable (plicable	Const. Code <u>ANS</u> Edition of Section	B31.1 1983 Ed, N/ XI Utilized for Repaired or Repla	A Add. C	ode Case N-416-1 lacements 1989, N	o Addenc				
Name Compo		Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Bullt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
2-CS-	605		·	·						
VAL	VE	ENERTECH	M&E 30-038925 ASP 29376	N/A	ASME SA 479 TP 316	N/A	REPLACED	NO		
FLAN	IGE	N/A	M&E 30-022130 ASP 16299	N/A	ASME SA 182 GR 304	N/A	REPLACED	NO		
5/8" 1	TUV	N/A	M&E 30-212090 ASP 28983	N/A	ASME SA 193 GR 8F	N/A	REPLACED	NO		
5/8" F	ROD	N/A	M&E 30-212290 ASP 28452	N/A	ASME SA 453 GR 660	N/A	REPLACED	NO		
	Conduc		E VALVE, FLANGE	Nomir	OLTING al Operating Press st TempN/A]			

FORM NIS-2 (Back) Job Order/File 04028033-02

9. Remarks:
Applicable Manufacturer's Data Reports to be attached
<u> </u>
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the
ASME Code, Section XI. repair or replacement Comothis to the rules of the
Type Code Symbol Stamp NONE
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed Dewayse Timmons Maintenance Welding Supervisor Date DEC.9 20.04
Owner or Owner's Designee, Title
L
T
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 ABS GROUP INC. of HOUSTON, TEXAS have, inspected the components described in this Owner's
Report during the period $g/2s/64$ to $y/2s/64$ 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.
AlkGOWN M 2007-
Inspector's Signature Commissions NDQ977 N1 300975 National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

									
1. Owne	Na	MERICAN ELECTR ame Fort Wayne, IN 468 Address	301		Date <u>8</u> Sheet <u>1</u>		2		
•		OOK NUCLEAR PO Name ace, Bridgman, MI Address		_		R No. 0	ent <u>2-CTS-1198</u> 3216002-01 Job No., etc	_	
	`.	ned by <u>AEP/D.C. CC</u> Nam <u>lace, Bridgman, Ml</u> Address	49106	<u>nt</u>	Type Code Authorization Expiration I	on No.	Stamp <u>N/A</u> <u>N/A</u> N/A		
5. (a) App (b) App	(a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add. Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda Identification of Components Repaired or Replaced and Replacement Components								
Name Compo		· Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Repiaced, or Repiacement	ASME Code Stamped (Yes or No)	
2-CTS-1									
STÈ	EM	N/A	M&E 30-033600 ASP 16712	N/A	ASTM A564 TP360 H1150	N/A	REPLACED	NO	
DIS MALE/FE		N/A	M&E 30-033600 ASP 16712	N/A	ASME SA479 TP316	N/A	REPLACED	NO	
	Conduc	cted: Hydrostatic	ED DISC AND STE Pneumatic ure N/A psi. T	Nomina	, -	re X	:		

62

INTIFE ISOLAI

FORM NIS-2 (Back) Job Order/File 03216002-01

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp NONE
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed Dewayne Timmons Maintenance Welding Supervisor Date Dec. 7, 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period Io Io Io 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 Bayy M 30925 Inspector's Signature National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

_								
1.		MERICAN ELECTR Name Fort Wayne, IN 46 Address	801		Date1 Sheet _ 1	<u>0-27-04</u> of	2	
2.	· · · · · · · · · · · · · · · · · · ·	OK NUCLEAR PC Name ace, Bridgman, MI Address		- -		R No. 0	ent <u>2-DFI-411</u> 3238025-01 lob No., etc	_
3.	`	ed by <u>AEP/D.C. CC</u> Nan lace, Bridgman, M Address	49106	<u>nt</u>	Type Code Authorization Expiration I	n No.	Stamp <u>N/A</u> <u>N/A</u> <u>N/A</u>	
4.5.6.	(a) Applicable (b) Applicable	Const. Code <u>ANSI</u> Edition of Section)	RATOR BLOWDON B31.1 1983 Ed, N/A KI Utilized for Repair Repaired or Replac	A Add. Co	acements 1989, No		. <u>.</u>	
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	2-DFI-411						-	
	2" PÎPE	N/A	M&E 30-016732 ASP 16393	N/A	ASME SA376 TP304	N/A	REPLACED	NO
	2" ELBOW	N/A	M&E 30-016998 ASP 25415	. N/A	ASME SA182 TP304	N/A	REPLACED	NO
					•			
	·- ··· · · · · · · · · · · · · · · · ·				·			
7. 8.	•	ted: Hydrostatic	ED PIPE AND FITTE	Nomina	l Operating Pressu			

INIT HOLES

64

FORM NIS-2 (Back) Job Order/File 03238025-01

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
·
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp <u>NONE</u>
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed Dewsyne Timmons Maintenance Welding Supervisor Date DEC. 8, , 20 04 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 ABS GROUP INC. of
HOUSTON, TEXAS // have inspected the components described in this Owner's Report during the period /0/4/64 to ///////////////////////////////////
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 manne/for any personal injury or property damage or a loss of any kind arising from or connected with
this inspection.
Commissions NBG977 MI 308975
Inspector's Signature National Board, State, Province, and Endorsements
Date 1/6 2005

As Required by the Provisions of the ASME Code Section XI

-								
1.		Name Fort Wayne, IN 46	801				2	
2.	Plant D.C. CO		OWER PLANT	_	Unit <u>2</u>	Compone	ent <u>2-DFI-421</u>	•
•	Name P.O. Box 60 Fort Wayne, IN 46801 Address			-				
3.		Nar <u>Iace, Bridgman, M</u>	ne <u>149106</u>	<u>nt</u>	Authorizati	on No.	<u>N/A</u>	
4.	Identification of	of System: <u>GENE</u>	RATOR BLOWDO	WN I	SI CLASS 2			
5.						Addenda	<u>a</u>	
6.	Identification	of Components	Repaired or Replac	ed and R	eplacement Com	onents		•
			Serial No. (Material M&E,	Board			Replaced,	ASME Code Stamped (Yes or No)
	2-DFI-421				•			
	2" PIPE	N/A	1	N/A		N/A	REPLACED :	NO
	-							
7.	•	ted: Hydrostatic		Nomina	I Operating Pressu	re X		

66

INIT 18/14

FORM NIS-2 (Back) Job Order/File 03238025-02

9. Remarks:_					
Applicable Manufacturer's Data Reports to be attached					
·					
CERTIFICATE OF COMPLIANCE					
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.					
Type Code Symbol Stamp NONE					
Certificate of Authorization NoN/A Expiration DateN/A					
Signed Dewaysie Timmons Maintenance Welding Supervisor Date JEC, 8, 20 of 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 10/9/39 to 1/10/39 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, conceming 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 NBUTT MBOOTS National Board, State, Province, and Endorsements Date 12/12004					

As Required by the Provisions of the ASME Code Section XI

1.	Owner AMERICAN ELECTRIC POWER Name	Date 0 8-20-03
	P.O. Box 60 Fort Wayne, IN 46801 Address	Sheet 1 of 2
2.	Plant D.C. COOK NUCLEAR POWER PLANT	Unit 2 Component 2-FW-118-4
	Name One Cook Place, Bridgman, MI 49106 Address	JOB ORDER No. 03171066-15,17,22 Repair Org. P.O. No., Job No., etc
3.	Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
4.	Identification of System: FEEDWATER ISI CLA	ASS 2
	(a) Applicable Const. Code <u>ANSI-B31.1-1983 Ed. N/A Add. C</u> (b) Applicable Edition of Section XI Utilized for Repairs or Repl	

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-FW-118-4							
VALVE BODY	N/A	EXISTING	N/A	ASTM A216 GR WCB	N/A	REPAIRED	NO
FILLER MATERIAL	N/A	M&E 00-035574 ASP 28001& 28007	N/A	E7018-A1	N/A	REPAIRED	NO
7/8" STUDS	N/A	M&E 00-034468 ASP 26173		ASME SA193 GR B7	N/A	REPLACED	NO
7/8" NUTS	N/A	M&E 30-211900 ASP 15684		ASME SA194 GR 2H	N/A	REPLACED	NO

7.	Description of Work REPLACED COVER BOLTING, MACHINED SIDE COVERS, REPAIR WELDED BODY.
	Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X Other, VT-2, MT Pressure N/A psi. Test Temp. N/A F

Jan 1/12/25

FORM NIS-2 (Back) Job Order/File 03171066-15,17,22

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Dewayne Timmons</u> <u>Maintenance Welding Supervisor</u> Date Jan 1 , 20 <u>05</u> - Owner or Owner's Designee, Title
•
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ABS GROUP INC. HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 100

As Required by the Provisions of the ASME Code Section XI

1	. Owner <u>AMERICAN ELECTRIC POWER</u> Name P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2 Address								
2	Gravit -	OK NUCLEAR PO Name ace, Bridgman, MI Address		JOB ORDE	Unit2 _ Component2-FW-118-4				
3	3. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address					Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A			
5	 Identification of System: <u>FEEDWATER ISI CLASS 2</u> (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed, N/A Add. Code Case</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989, No Addenda</u> Identification of Components Repaired or Replaced and Replacement Components 								
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
	2-FW-118-4				· · · · · · · · · · · · · · · · · · ·				
	7/8" STUDS	N/A	M&E 30-034468 ASP 26173	N/A	ASTM SA193 GR B7	N/A	REPLACED .	NO	
	7/8" NUT	N/A	M&E 30-211900 ASP 15684	N/A	ASTM SA 194 GR 2H	N/A	REPLACED	NO	
	7. Description of Work REPLACED BEARING COVER STUDS AND NUTS AND MACHINED EXISTING COVER 8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X Other PT, VT-2 Pressure N/A psi. Test Temp. N/A F								

1NIT 116/00

FORM NIS-2 (Back) Job Order/File 03171066-02

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Dewayne Timmons</u> <u>Maintenance Welding Supervisor</u> Date <u>Nov. 30</u> 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 2/7/03 to 2/6/60 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 16941 M1801975 National Board, State, Province, and Endorsements Date 2/6/2004

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

-								_ 		
1.	OwnerAN	MERICAN ELECTR	IC POWER		Date1	0-07-04				
	P.O. Box 60 I	Name <u>Fort Wayne, IN_468</u> Address			Sheet 1	Sheet 1 of 2				
2.	Plant D.C. CC	OOK NUCLEAR PO	WER PLANT	Unit 2	Compon	ent <u>2-FW-132-1</u>	<u>.</u>			
	One Cook Pl	ace, Bridgman, MI 4 Address		JOB ORDER No. 03237006-05 Repair Org. P.O. No., Job No., etc						
3.		ned by <u>AEP/D.C. CO</u> Nam <u>lace, Bridgman, Ml</u> Address	е	Authorization	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>					
4.										
	 (a) Applicable Const. Code <u>ANSI-B31.1-1983 Ed. N/A Add. Code Case</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989, No Addenda</u> 									
6.	Identification	of Components R	epaired or Replac	ed and R	teplacement Comp	onents				
	Name of Component	Name of Manufacturer .	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
;	2-FW-132-1									
_	MACHINED BONNET		EXISTING				REPAIRED .			
-		1				L	<u> </u>	 		
7.	Description o	of Work <u>MACHINE</u> I	D VALVE BONNET	MT SUF	REACE AREA					
	·	_		_	•					
8.	Other	led: Hydrostatic [MT			l Operating Pressules Test Temp. <u>N/A</u>					

FORM NIS-2 (Back) Job Order/File 03237006-05

9. Remarks:
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the repair or replacement
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed Dewayne Vimmons Maintenance Welding Supervisor Date JEC. 8, 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS hayé inspected the components described in this Owner's Report during the period for to form 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 NB 6977 N1 300975 National Board, State, Province, and Endorsements
Date 12/12 20 000

As Required by the Provisions of the ASME Code Section XI

===										
1.	OwnerAN		Date0f2							
2.	Plant D.C. CC	OOK NUCLEAR PO Name	WER PLANT	Unit2	Unit 2 Component 2-FW-132-2					
	One Cook Pl	ace, Bridgman, MI Address	49106	<u>JOB ORDE</u> Repair Org.		0092918-01 Job No., etc				
3.	Name Authorization No. N/A One Cook Place, Bridgman, MI 49106 Expiration Date N/A Address									
5.	 Identification of System: FEEDWATER ISI CLASS 2 (a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add. Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda Identification of Components Repaired or Replaced and Replacement Components 									
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME .Code Stamped (Yes or No)		
	2-FW-132-2									
	DISC	N/A	M&E 30-034386 ASP 16712	N/A	ASME SA675 GR 70	N/A	REPLACED :	NO		
7.	7. Description of Work REPLACED DISC									
8.	Test Conduc	ted: Hydrostatic Pressure	Pneumatic N/A psi. Test		I Operating Pressu	re 🗌				

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FORM NIS-2 (Back) Job Order/File C0092918-01

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. / N/A Expiration Date N/A
Signed Dewayne Timmons Maintenance Welding Supervisor Date Dec. 9, 20 04 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 ofMichigan and employed by _ABS GROUP INCof
Report during the period (2/16/64 to 10/19/86 , 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.
Alacony Mi and
Inspector's Signature (Move Commissions Notional Board, State, Province, and Endorsements
Inspector's Signature National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

										
1.	Owner AN	MERICAN ELECTE	RIC POWER		Date	Date10-16-04				
	P.O. Box 60 F	Fort Wayne, IN 46 Address			Sheet 1	Sheet 1 of 2				
2.	Plant D.C. CO	OK NUCLEAR PO			Unit 2_	Compon	ent <u>2-FW-132-</u> 2	2		
		Name								
	One Cook Pi	ace, Bridgman, MI Address	49106			JOB ORDER No. C0092918-04 Repair Org. P.O. No., Job No., etc				
3.	3. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A									
4.	Identification o	of System: <u>FEED</u>	WATER SYSTEM	ISI CL	ASS 2					
			B31.1 1983 Ed, N/A XI Utilized for Repai			Addend	<u></u> <u>a</u>			
6.	Identification	of Components	Repaired or Replac	ed and R	eplacement Com	ponents				
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
	2-FW-132-2		<u> </u>							
	LUG- MATERIAL	N/A	M&E 30-153150 ASP 23052	N/A	ASTM A36 1990	N/A	REPLACED	NO		
		•		•						
7.	Description of	f Work <u>INSTALL</u>	ED ANTI ROTATION	<u>v LUGS</u>						
8.	Test Conduc	ted: Hydrostatic		_	I Operating Pressurst Temp. <u>N/A</u>					

INTERS

FORM NIS-2 (Back) Job Order/File C0092918-04

9. Remarks:
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Dewayne Timmons</u> <u>Maintenance Welding Supervisor</u> Date <u>Nov- 30</u> , 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 10/14/04 to 10/20/2 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Commissions NB6977 M1 305.975 Inspector's Signature National Board, State, Province, and Endorsements Date 12/14/202

As Required by the Provisions of the ASME Code Section XI

. Owner <u>AN</u>	MERICAN ELECTR Name	IC POWER		Date	Date <u>08-20-03</u>				
P.O. Box 60 F	P.O. Box 60 Fort Wayne, IN 46801 Address					Sheet _ 1 _ of _ 2			
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2 Component 2-FW-Name One Cook Place, Bridgman, MI 49106 JOB ORDER No. 03225029-06									
One Cook Pl		49106	•	<u>JOB ORDI</u> Repair Org.					
Name One Cook Place, Bridgman, MI 49106 Address Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A									
. Identification o	of System: FEED	WATER	ISI CLA	SS 2					
		B31.1-1983 Ed. N/			Addend	<u>a</u>			
. Identification	of Components F	Repaired or Replac	ed and R	eplacement Com	ponents				
Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
2-FW-132-3									
BONNET	N/A ·	M&E 30-034343 ASP 19240	N/A	ASTM A675 GR 70	N/A	REPLACED ;	NO		
	L		!	· · · · · · · · · · · · · · · · · · ·	<u> </u>	<u>L</u>	İ		
. Description o	f Work <u>REPLACE</u>	D BONNET							
. Test Conduc	led: Hydrostatic			l Operating Pressu Test Temp. <u>N/</u>					

INIT I I I I I

FORM NIS-2 (Back) Job Order/File 003225029-06

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp NONE
Certificate of Authorization No NA Expiration Date N/A
Signed <u>Dewayne Firmmons</u> <u>Maintenance Welding Supervisor</u> Date <u>Dec.8</u> , 20 <u>64</u> Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period to Island to Island to Island 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 // National Board, State, Province, and Endorsements Date

As Required by the Provisions of the ASME Code Section XI

_										
1.	Owner AN		Date10-18-04							
	<u>P.O. Box 60 F</u>	F <u>ort Wayne, IN_468</u> Address	301		Sheet <u>1</u>	Sheet 1 of 2				
2.	Plant D.C. CO	OK NUCLEAR PO Name	WER PLANT	Unit2_	Unit 2 Component 2-FW-132-3					
	One Cook Place, Bridgman, MI 49106 Address JOB ORDER No. 03351050-01, 07, 08 Repair Org. P.O. No., Job No., etc									
3.	3. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A									
4.	4. Identification of System: FEEDWATER ISI CLASS 2									
	 (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed, N/A Add. Code Case</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989, No Addenda</u> 									
6.	Identification	of Components F	Repaired or Replac	ed and R	eplacement Comp	onents				
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
	2-FW-132-3									
	FILLER MATERIAL	N/A	M&E 30-045392 ASP 28942	N/A	ER-70S-2	N/A	REPAIRED	NO		
_					· · · · · · · · · · · · · · · · · · ·					
7.	7. Description of Work <u>WELD REPAIR THE CHECK FLAPPER TO ALLOW CONTACT WITH BODY</u>									
8.	Test Conduc	•	Pneumatic e <u>N/A</u> psi. Te	-	N/A F	re 🗌				

INIT # 11 00

FORM NIS-2 (Back) Job Order/File 03351050-01,07,08

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
·
•
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp <u>NONE</u>
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Dewaynez immons</u> <u>Maintenance Welding Supervisor</u> Date <u>DEC. 13.</u> , 20 <u>OA</u> Owner or Owner's Designee, Title
· · · · · · · · · · · · · · · · · · ·
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 78/44 to 16/20/20 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 WBQ71 W1302975 National Board, State, Province, and Endorsements
Date 12/2004

As Required by the Provisions of the ASME Code Section XI

	 				=			
I. Owner <u>Al</u>	MERICAN ELECT	RIC POWER		Date1	0-14-04			
<u>P.O. Box 60 J</u>	Name Fort Wayne, IN 46 Address			Sheet 1	of_	2		
One Cook Pl	Plant D.C. COOK NUCLEAR POWER PLANT Name One Cook Place, Bridgman, MI 49106 Address Work Performed by AEP/D.C. COOK Maint. Department Name					Unit 2 Component 2-FW-138-3 JOB ORDER No. R0214393-01 Repair Org. P.O. No., Job No., etc Type Code Symbol Stamp N/A		
One Cook P	One Cook Place, Bridgman, MI 49106 Expiration Date N/A Address							
i. Identification of System: <u>FEEDWATER SYSTEM</u> ISI CLASS 2 ii. (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed, N/A Add. Code Case</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989, No Addenda</u> iii. Identification of Components Repaired or Replaced and Replacement Components								
Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
2-FW-138-3								
DISC	N/A	M&E 30-034386 ASP 28251	N/A	ASME SA675 GR 70	N/A	REPLACED	NO	
			•					
7. Description o	of Work <u>REPLAC</u>	ED DISC						
8. Test Conduc	cted: Hydrostatic	Pressure N/A p		I Operating Pressuremp. N/A F	re 🗌			

INIT # 1/10/11

FORM NIS-2 (Back) Job Order/File R0214393-01

9. Remarks:_Ref: PMI-5075 Section 4.20.3 for the deletion of the VT-2
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Dewayne/Firmmons</u> <u>Maintenance Welding Supervisor</u> Date <u>Tan 6</u> , 20 05 Owner or Owner's Designee, Title
4.5.
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 ABS GROUP INC. of have inspected the components described in this Owner's Report during the period Report during the period of Nowner'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 NBGMM MI 30497 National Board, State, Province, and Endorsements Date 1/10 2025
Date 7/70 2025

As Required by the Provisions of the ASME Code Section XI

1. Owner AMERICAN ELECTRIC POWER Name P.O. Box 60 Fort Wayne, IN 46801 Address 2. Plant D.C. COOK NUCLEAR POWER PLANT Name One Cook Place, Bridgman, Mil 49106 Address 3. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, Mil 49106 Address 4. Identification of System: FEEDWATER SYSTEM ISICLASS 2 5. (a) Applicable Const. Code ANSI 831.1 1983 Ed, N/A Add. Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements Name of Component Manufacturer Sorial No. (Material MAE, ASP, PO) No. (Material MAE, ASP, PO										
Address 2. Plant D.C. COOK NUCLEAR POWER PLANT Name One Cook Place, Bridgman, MI 49106 Address 3. Work Performed by AEP/D.C. COOK Maint, Department Name One Cook Place, Bridgman, MI 49106 Address 4. Identification of System: FEEDWATER SYSTEM SICLASS 2 5. (a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add. Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements Name of Components Repaired or Replaced and Replacement Components Name of Components Repaired or Replaced and Replacement Components Name of Component Name of Manufacturer Serial No. (Material M&E, ASP, PO) 2FW-138-3 LUG-MATERIAL N/A M&E 30-153150 ASP 23052 N/A ASTM A36 N/A REPLACED NO 1990 7. Description of Work INSTALLED ANTI ROTATION LUGS	1.	OwnerAN		RIC POWER	Date	Date10-17-04				
2. Plant D.C. COOK NUCLEAR POWER PLANT Name One Cook Place, Bridgman, MI 49106 Address 3. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address 4. Identification of System: FEEDWATER SYSTEM ISICLASS 2 5. (a) Applicable Const. Code ANSI B31.1 1983 Ed. N/A Add. Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Name of Manufacturer Sorial No. (Material M&E, ASP, PO) 1. ASP, PO) 7. Description of Work INSTALLED ANTI ROTATION LUGS		P.O. Box 60 F				Sheet 1	Sheet 1 of 2			
One Cook Place, Bridgman, MI 49106 Address Repair Org. P.O. No., Job No., etc 3. Work Performed by AEP/D.C. COOK Maint. Department Name Authorization No. N/A Authorization No. N/A Authorization No. N/A Expiration Date N/A Authorization No. N/A Authorization No. N/A Expiration Date N/A Authorization No. N/A N/A Authorization No. N/A Authorization No. N/A Authorization No. N/A N/A Authorization No. N/A N/A Authorization No. N/A N/A Authorization No. N/A Authorization No. N/A Authorization No. N/A Authorization No. N/A N/A Authorization No. N/A Authorization No. N/A N/A Authorization No. N/A N/A N/A Authorization No. N/A N/A N/A Authorization No. N/A	2.	Plant <u>D.C. CO</u>	OK NUCLEAR PO		_	Unit <u>2</u>	Compon	ent <u>2-FW-138-</u> 3	3	
Address Repair Org. P.O. No., Job No., etc Type Code Symbol Stamp N/A Authorization No. N/A		One Cook Pla		49106		JOB ORDI	JOB ORDER No. C0092923-04			
Name One Cook Place, Bridgman, Mil 49106 Address 4. Identification of System: FEEDWATER SYSTEM ISI CLASS 2 5. (a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Name of Manufacturer Serial No. (Material M&E, ASP, PO) 2-FW-138-3 LUG- N/A M&E 30-153150 N/A ASTM A36 N/A REPLACED NO MATERIAL ASP 23052 7. Description of Work INSTALLED ANTI ROTATION LUGS										
5. (a) Applicable Const. Code ANSI 831.1 1983 Ed, N/A Add. Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Name of Manufacturer Serial No. (Material M&E, ASP, PO) No. Serial No. (Material M&E, ASP, PO) Serial No. (Material M&E, A	3.	`~	Authorizati	Authorization No. <u>N/A</u>						
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component	4.	I. Identification of System: FEEDWATER SYSTEM ISI CLASS 2								
Name of Component Name of Manufacturer Serial No. (Material M&E, ASP, PO) 2-FW-138-3 LUG- N/A MATERIAL N/A M&E 30-153150 N/A ASTM A36 1990 7. Description of Work INSTALLED ANTI ROTATION LUGS	5.									
Component Manufacturer Serial No. (Material M&E, ASP, PO) 2-FW-138-3 LUG- N/A M&E 30-153150 N/A ASTM A36 N/A REPLACED NO ASP 23052 7. Description of Work INSTALLED ANTI ROTATION LUGS	6.	Identification	of Components I	Repaired or Replac	ed and R	eplacement Com	ponents			
LUG- N/A M&E 30-153150 N/A ASTM A36 N/A REPLACED NO ASP 23052 1990 7. Description of Work INSTALLED ANTI ROTATION LUGS			1	Serial No. (Material M&E,	Board			Replaced,	Code Stamped (Yes	
7. Description of Work INSTALLED ANTI ROTATION LUGS		2-FW-138-3								
		MATERIAL	N/A]	N/A		N/A	REPLACED	NO	
			[
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure	7.	Description o	of Work <u>INSTALLI</u>	ED ANTI ROTATION	<u>N LUGS</u>					
Other Pressure N/A _psi. Test Temp N/A _ F	8.		-							

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FORM NIS-2 (Back) Job Order/File C0092923-04

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
· · · · · · · · · · · · · · · · · · ·
<u> </u>
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed Dewayne Timmons Maintenance Welding Supervisor Date Nov. 29, 2004 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period O/O/O/O/O to O/O/O/O/O/O/O/O/O/O/O/O/O/O/O/O/O/O/O/
Inspector's Signature Commissions NBG9W M1300975 National Board, State, Province, and Endorsements Date 12/14/2004

As Required by the Provisions of the ASME Code Section XI

								
1.	. OwnerAMERICAN ELECTRIC POWER Date							
2.	2. Plant D.C. COOK NUCLEAR POWER PLANT Name One Cook Place, Bridgman, MI 49106 Address Unit 2 Component 2-GBD-S563-U JOB ORDER No. R0101350-01 Repair Org. P.O. No., Job No., etc							
3.	. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A							
	5. (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed, N/A Add. N/A Code Case</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989, No Addenda</u>							
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2	2-GBD-S563-U							
-	SNUBBER	GRINNELL	M&E # 30-024682 ASP # 26349	N/A	N/A	N/A	Replacement :	NO
	SEAL KIT	GRINNELL	M&E # 30-025055 ASP-23443	N/A	N/A	N/A	Replacement	NO
	"A" SEAL KIT	GRINNELL	M&E # 30-040590 ASP-21030	N/A	N/A	N/A	Replacement	NO
7. 8.	Test Conducte		CED SNUBBER Pneumatic Pressure N/A					

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FORM NIS-2 (Back) Job Order/File R0101350-01

Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
. Expiration Date
Signed Dewayne Timmons Maintenance Welding Supervisor Date Nov. // , 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period O/14/04 to O/20/20 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 G977 M 300975 National Board, State, Province, and Endorsements Date 13/10/2000

As Required by the Provisions of the ASME Code Section XI

1.	OwnerAN	MERICAN ELECTR Name	IC POWER			Date1	10-30-04		
	P.O. Box 60 I	Fort Wayne, IN 466 Address				Sheet 1	of_	2	
2.	Plant D.C. CO	OK NUCLEAR PO Nam	WER PLANT .			Unit 2	Compone	ent <u>2-GRC-R-5</u>	74
	One Cook Place, Bridgman, MI 49106 Address					JOB ORDE Repair Org.		4288060-03 Job No., etc	
3.	. Work Performed by AEP/D.C. COOK Maint, Department Name One Cook Place, Bridgman, MI 49106 Address				Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>				
4.	Identification of	of System: REAC	TOR COOLANT	ISI CLAS	S 1				
	(b) Applicable	Edition of Section >	B31.1 1983 Ed, N/A	rs or Repl	acemer	nts <u>1989, No</u>		 <u>a</u>	
6. 	Identification	of Components I	Repaired or Replac	ed and R	Replace	ment Comp	onents		
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.		Other tification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2	-GRC-R-574								
	-								
	•/				l.				·
7.	Description o	f Work <u>REWORK</u>	SUPPORT TO CO	DRRECT I	BEARIN	IG		-	
8.	Test Conduction	ted: Hydrostatic	Pneumatic Pressure N//		•	iting Pressur			

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FORM NIS-2 (Back) Job Order/File 04288060-03

9. Remarks: SUPPORT WAS ADJUSTED TO CORRECT GAP. NO PARTS REPLACED
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed Dewayne Timmons Maintenance Welding Supervisor Date Nov 3c 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 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 Date 12/13 2009

As Required by the Provisions of the ASME Code Section XI

_									
1.		RICAN ELECTRI	C POWER	D	ate <u>11-03-0</u> 4	<u> </u>			
	Nam <u>P.O. Box 60 Fo</u>	ne <u>rt Wayne, IN_468</u> Address	301		Sheet 1	of_	3	<u>_</u>	
2.	Name One Cook Place, Bridgman, MI 49106					Unit 2 Component 2-GRC-S537 JOB ORDER No. R0226292-01			
	•	Address			Repair Org	J. P.O. No.	., Job No., etc		
3.	3. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A								
4.	Identification of	System: REAC	TOR COOLANT SYS	STEM I	SICLASS 1	_			
 5. (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed, N/A Add. N/A Code Case</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, No Addenda 6. Identification of Components Repaired or Replaced and Replacement Components 									
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe d (Yes or No)	
	2-GRC-S537				•				
	SNUBBER	GRINNELL	M&E 30-024681 ASP#28228	N/A	N/A	N/A	Replacement	ИО	
	SEAL KIT	GRINNELL	M&E 30-025055 ASP 16630	N/A	N/A	N/A	Replacement	МО	
Г	"A" SEAL KIT	GRINNELL	M&E 30-040590	N/A	N/A	N/A	Replacement	NO	

7.	 Description of Work <u>REPLACED SNUBBER AND BRACKET/BOLTING</u> 					
	Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other X VT-3 Pressure N/A psi. Test Temp. N/A F					

ASP 28096

M&E 30-040550

ASP 26117

CONFIG "A" KIT

GRINNELL

90

N/A

N/A

N/A

Replacement

INIT ASS

NO

As Required by the Provisions of the ASME Code Section XI

1.	Nan	RICAN ELECTRI ne ort Wayne, IN 468		. , [0ate <u>11-03-0</u> Sheet 2		3	
2.		Address	WER PLANT	<u>.</u>			ent <u>2-GRC-S537</u>	
		Nam ce, Bridgman, MI Address	• =				., Job No., etc	_
3.	Name One Cook Place, Bridgman, MI 49106 Address Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A							
4. 5		-	<u>TOR COOLANT SY</u> B31.1 1983 Ed, N/A		-			
6.	(b) Applicable Ed	dition of Section >	(I Utilized for Repairs Repaired or Replace	s or Repla	cements <u>1989, N</u>		<u>a</u>	
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe d (Yes or No)
	2-GRC-S537				•			
	SNUBBER	GRINNELL	M&E 30-024681 ASP#28228	N/A	N/A	N/A	Replacement	ИО
	BOLTING HARDWARE	GRINNELL	M&E 30-046921 ASP#29600	N/A	ASTM A307 GR A	N/A	Replacement	NO
	BRACKET	GRINNELL	M&E 00-038314 ASP#29624	N/A	N/A	N/A	Replacement	NO
	,		·					
7.	•	d: Hydrostatic	D SNUBBERAND B Pneumalic ressure N/A ps	Nominal	Operating Pressi			

INIT # TIME

FORM NIS-2 (Back) Job Order/File R0226292-01

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 Dewayne Timmons Maintenance Welding Supervisor Date Dec. 16, 20 04 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 ABS GROUP INC. have inspected the components described in this Owner's Report during the period Normal State 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 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.	9. Remarks:Applicable Manufacturer's Data Reports to be attached
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 Dewayne Timmons Maintenance Welding Supervisor Date Devayne Timmons Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION 1, 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 ABS GROUP INC. of HOUSTON, TEXAS have Inspected the components described in this Owner's Report during the period Nowledge 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	<u> </u>
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 Dewayne Timmons Maintenance Welding Supervisor Date Dec. 16, 20 04 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION 1, 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 ABS GROUP INC. of HOUSTON, TEXAS have Inspected the components described in this Owner's Report during the period April 10 Apr	CERTIFICATE OF COMPLIANCE
Signed Dewayne Timinons Maintenance Welding Supervisor Date Dec. 11, 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 10/21/11/21/21/21/21/21/21/21/21/21/21/21/	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the
Signed Dewayne Timinons Maintenance Welding Supervisor Date Dec. 11, 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 10/21/11/21/21/21/21/21/21/21/21/21/21/21/	Type Code Symbol Stamp N/A
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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 10/27/13/14 to 1/2/20/2 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with	
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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 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	Signed Dewayne Timmons / Maintenance Welding Supervisor Date Dec. 16, 2004 Owner or Owner's Designee, Title
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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period of Houston to Houston 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	
the State or Province of Michigan and employed by ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period of Houston, 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	CERTIFICATE OF INSERVICE INSPECTION
Inspector's Signature Commissions NB6977 MI S6677 National Board, State, Province, and Endorsements Date 12/23, 2000	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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period for many 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 NB6977 M 356975 National Board, State, Province, and Endorsements

As Required by the Provisions of the ASME Code Section XI

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	1. Owner <u>AME</u> Nan	RICAN ELECTRI	C POWER	D	ate10-29-0)4		
		ort Wayne, IN 468 Address			Sheet <u>1</u>	of_	2	
2	_	K NUCLEAR PO Nam ce, Bridgman, MI	ne ·	.		•	ent <u>2-GRC-S564</u> 80012538-01	
		Address					P.O. No., Job No.,	etc
;		d by <u>AEP/D.C. C</u> Nam ce, Bridgman, Ml Address	49106	<u>nent</u>	Type Coo Authoriza Expiration	tion No.	Stamp <u>N/A</u> <u>N/A</u> N/A	
4	4. Identification of	System: <u>REAC</u>	TOR COOLANT SY	STEM	ISI CLASS 1			
	(b) Applicable Ed	dition of Section >	B31.1 1983 Ed, N/A (I Utilized for Repair Repaired or Replac	s or Repla	cements <u>1989, 1</u>		<u>a</u>	
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe d (Yes or No)
	2-GRC-S564				•			
	SNUBBER	GRINNELL	M&E 30-024681 ASP#29340	N/A	N/A	N/A	,Replacement	NO
	SEAL KIT	GRINNELL	M&E 30-025055 ASP-17001	N/A	N/A	N/A	Replacement	NO
	"A" SEAL KIT	GRINNELL	M&E 30-040590 ASP-21030	N/A	N/A	N/A	Replacement	NO

7.	Description of Work REPLACED SNUBBER	
	Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other X VT-3 Pressure N/A psi. Test Temp. N/A F	

93

INIT 12/21/00

FORM NIS-2 (Back) Job Order/File R0012538-01

9. Remarks:
Applicable Manufacturer's Data Reports to be attached
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CERTIFICATE OF COMPLIANCE
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. <u>N/A</u> Expiration Date <u>N/A</u>
(L) 21, 19, A2/ Learnes
Signed <u>Déwayne Ammons</u> / <u>Maintenance Welding Supervisor</u> Date <u>DEC.15</u> , 20 Od
Owner or Owner's Designee, Title
Owner of Owner's Designee, Tide
<u> </u>
CEDTIFICATE OF INSERVICE INSERVICE
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 ABS GROUP INC. of
HOUSTON, TEXAS have inspected the components described in this Owner's
HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 10/27/6 to 10/29/60 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
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.
<i>] [] </i>
\
Commissions NECONA MI 300975
Inspector's Signature () National Board, State, Province, and Endorsements
Date 12/2/ 2000

As Required by the Provisions of the ASME Code Section XI

1.	Owner AMERICAN ELECTRIC POWER	Date _	11-03-04
	Name P.O. Box 60 Fort Wayne, IN 46801 Address		Sheet 1 of 2
2.	Plant D.C. COOK NUCLEAR POWER PLANT Name		Unit 2 Component 2-GRC-S566
	One Cook Place, Bridgman, MI 49106 Address		JOB ORDER No. R0014603-01 Repair Org. P.O. No., Job No., etc
3.	Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address		Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A
4.	Identification of System: REACTOR COOLANT SYSTEM	ISI CL	ASS 1
	(a) Applicable Const. Code ANSI B31.1 1983 Ed. N/A Add. N (b) Applicable Edition of Section XI Utilized for Repairs or Re		
6	Identification of Components Penaired or Penlaced and	Panlac	ement Components

	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe d (Yes or No)
	2-GRC-S566				•			
	SNUBBER	GRINNELL	M&E 30-024681 ASP # 28228	N/A	N/A	N/A	Replacement	NO
	SEAL KIT	GRINNELL	M&E 30-025055 ASP 17001	N/A	N/A	N/A	Replacement	NO
	"A" SEAL KIT	GRINNELL	M&E 30-040590 ASP 28096	N/A	N/A	N/A	Replacement	NO
7	CONFIG "A" KIT	GRINNELL	M&E 30-040550 ASP 26117	N/A	N/A	N/A	Replacement	NO

7.	Description of Work REPLACED SNUBBER	
	Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other X VT-3 Pressure N/A psi. Test Temp. N/A F	

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FORM NIS-2 (Back) Job Order/File R0014603-01

9. Remarks:Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp <u>N/A</u>
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
anaye Compre,
Signed Dewayne Timmons / Maintenance Welding Supervisor Date Dec. 15, 20 C4 Owner or Owner's Designee, Title
<u> </u>
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province ofMichigan and employed byABS GROUP INCof
HOUSTON, TEXAS Report during the period April Ap
Report during the period 16/37/66 to 11/3/66 and state that to the best of my
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 NB 6911 111 300.975
Inspector's Signature/ National Board, State, Province, and Endorsements
Date 12/21 2000

As Required by the Provisions of the ASME Code Section XI

1.	OwnerAMERICAN ELECTRIC POWER	Date7-10-03
	Name	Observed of O
	P.O. Box 60 Fort Wayne, IN 46801 Address	Sheet 1 of 2
2.	Plant D.C. COOK NUCLEAR POWER PLANT Name	Unit 2 Component 2-GRH-R810
	One Cook Place, Bridgman, MI 49106	JOB ORDER No. 02127061-01
	Address	Repair Org. P.O. No., Job No., etc
3.	Work Performed by AEP/D.C. COOK Maint, Department Name	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>
	One Cook Place, Bridgman, MI 49106 Address	Expiration Date <u>N/A</u>
4.	Identification of System: RESIDUAL HEAT REMOVAL	ISI CLASS 2
5	(a) Applicable Const. Code ANSI R31 1 1983 Ed. N/A Add. (ode Case

- - (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed, N/A Add. Code Case</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, No Addenda
- 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-GRH-R810							
2x2x1/4" ANGLE	N/A	M&E 30-153012 ASP 25383	N/A	ASTM A36 1990	N/A	REPLACED	NO
3x3x1/4" TUBE STEEL	N/A	M&E 30-150169 ASP 22500	N/A	ASTM A500 1990	N/A	REPLACED	NO
5x5x1/2" PLATE	N/A	M&E 30-153193 ASP 24581	N/A	ASTM A36 1990	N/A	REPLACED	NO
4x4x1/4" TUBE STEEL	N/A	M&E 30-153269 ASP 22141	N/A	ASTM A500 1990	N/A	REPLACED	ИО
1/2"x31/4"x7" PLATE	N/A	M&E 30-153251 ASP 15485	N/A	ASTM A36 1990	N/A	REPLACED	NO

7.	Description of Work REPLACED SUPPORT
8.	Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other PT, MT, VT-3 Pressure N/A psi. Test Temp. N/A F

FORM NIS-2 (Back) Job Order/File 02127061-01

CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp NONE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
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We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI. repair or replacement
ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed Dewayne Timmons Maintenance Welding Supervisor Date DE 1 , 2004 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period CIVIC3 to FILE TITIO3, 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 NBO 977 MICA 3 009 To National Board, State, Province, and Endorsements Date 25.3 20 c C

As Required by the Provisions of the ASME Code Section XI

4	Owner AMEDICAN ELECTRIC DOMER	Dete 44.40.04
1.	Owner <u>AMERICAN ELECTRIC POWER</u> Name	Date <u>11-18-04</u>
	P.O. Box 60 Fort Wayne, IN 46801 Address	Sheet 1 of 2
2.	Plant D.C. COOK NUCLEAR POWER PLANT Name	Unit 2 Component 2-GRH-R-817
	One Cook Place, Bridgman, MI 49106	JOB ORDER No. 04289031-01
	Address	Repair Org. P.O. No., Job No., etc
3.		Type Code Symbol Stamp N/A
	Name	Authorization No. N/A
	One Cook Place, Bridgman, Ml 49106 Address	Expiration Date <u>N/A</u>
4.	Identification of System: RESIDUAL HEAT REMOVAL	ISI CLASS 2
5.	(a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add. (b) Applicable Edition of Section XI Utilized for Repairs or Re	

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-GRH-R-817							
¾" HILT[BOLTS	N/A	M&E 30-046279 ASP 22430	N/A	N/A	N/A	REPLACED	NO
3" C-CHANNEL	N/A	M&E 30-153105 ASP 27448	N/A	ASTM A36 1990	N/A	REPLACED	МО
1⁄2" NUT	N/A	M&E 30-211860 ASP 27689	N/A	ASME SA194 GR 2H	N/A	· REPLACED	ИО
3"x½" FLAT BAR	N/A	M&E 30-153129 ASP 24535	N/A	ASTM A36 1990	N/A	REPLACED	ИО
6"x 1/2" FLAT BAR	N/A	M&E 30-153149 ASP 23198	N/A	ASTM A36 1990	N/A	REPLACED	МО
1/2" THREADED ROD	N/A	M&E 30-211590 ASP 27689	N/A	ASME SA193 GR B7	N/A	REPLACED	NO

	NOD		ASP 27689	GR B7			İ
7.	·		D PIPE SUPPORT	minal Operating Pressure	· .		
٥.		•		• -		•	1
	Other	MT Pres	sure <u>N/A</u> psi. Test	Temp. <u>N/A</u> F		#	[]
			99			'	yajai

FORM NIS-2 (Back) Job Order/File 04289031-01

9. Remarks:
Applicable Manufacturer's Data Reports to be attached
·
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed Dewayne Timmons Maintenance Welding Supervisor Date DEC 3, 20 04 Owner or Owner's Designee, Title
e.
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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period of Michigan to Make inspected the components 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 Mational Board, State, Province, and Endorsements
Date

100

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

									
1.	Owner AMERICAN ELECTRIC POWER Name			Date1	Date10-14-04				
	P.O. Box 60 Fort Wayne, IN 46801 Address				Sheet 1	Sheet 1 of 2			
2.	Plant D.C. COOK NUCLEAR POWER PLANT Name				Unit2	Unit 2 Component 2-ICM-321			
	One Cook Pla	ace, Bridgman, MI Address	49106				2038052-03		
3.						Repair Org. P.O. No., Job No., etc Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A			
4.	Identification o	of System:RESI	DUAL HEAT REMOV	VAL IS	SI CLASS 2				
			B31.1 1983 Ed, N/A XI Utilized for Repai			Addenda	<u></u> <u>a</u>		
6.	Identification	of Components	Repaired or Replac	ed and R	epiacement Comp	onents			
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
	2-ICM-321						·		
	VALVE BONNETT	N/A	M&E 30-043782 ASP 27872	N/A	ASME SA182 F316 STELLITE 6	N/A	REPLACED	NO	
			· · · · · · · · · · · · · · · · · · ·					·	
7.	Description o	f Work <u>REPLACI</u>	ED VALVE BONNE	Π.					
8.	Test Conduc	ted: Hydrostatic VT-2			l Operating Pressurest Temp. <u>N/A</u>				

FORM NIS-2 (Back) Job Order/File 02038052-03

9. Remarks:_REF: ESAT # 04344050. VT-2 CANNOT BE PERFORMED UNTIL QUARTERLY RHR PUMP RUN.
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Dewayne rimmons</u> <u>Maintenance Welding Supervisor</u> Date <u>Van 7</u> , 20 <u>05</u> Owner or Owner's Designee, Title
•
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period to Michigan 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 Mational Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

									
1.	Name			-	Date				
	P.O. Box 60 Fort Wayne, IN_46801 Address					Sheet 1 of 2			
2. Plant D.C. COOK NUCLEAR POWER PLANT Name				Unit <u>2</u>	Unit 2 Component 2-ICM-321				
	One Cook Pla	ace, Bridgman, MI Address	49106		-	JOB ORDER No. 02220023-06 Repair Org. P.O. No., Job No., etc			
3.	3. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address					Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>			
4.	Identification of	of System: <u>RESID</u>	UAL HEAT REMO	/ALI SI	CLASS 2				
			<u>B31.1 1983 Ed, N/A</u> (I Utilized for Repair			No Addenda	<u>a</u>		
6.	Identification	of Components F	Repaired or Replac	ed and R	eplacement Co	mponents			
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
2	2-ICM-321								
1	1/8" 'ELD FILLER MATERIAL	N/A	M&E 30-045045 ASP 28338	N/A	ER 309	N/A	REPAIRED .;	NO	
				<u>.</u>					
	· · · · · · · · · · · · · · · · · · ·								
						*			
7. Description of Work <u>TACK WELDED BONNET</u>									
8.	Test Conduc	ted: Hydrostatic VT-WELD ON	Pneumatic LY P		I Operating Pres N/A psi. Te		<u>N/A</u> F		

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INIT_#304

FORM NIS-2 (Back) Job Order/File 02220023-06

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Dewayne Timmons</u> <u>Maintenance Welding Supervisor</u> Date <u>Nav. 3c</u> , 20 <u>CA-</u> Owner or Ówner'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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period for 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 WBGTT MI 300925 National Board, State, Province, and Endorsements Date 12/32004

As Required by the Provisions of the ASME Code Section XI

		· · · · · · · · · · · · · · · · · · ·						
1. Owner <u>AN</u>	MERICAN ELECTI Name	RIC POWER		Date1	Date10-27-04			
P.O. Box 60 F	P.O. Box 60 Fort Wayne, IN 46801 Address				Sheet 1 of 2			
2. Plant <u>D.C. CO</u>	OK NUCLEAR PO	OWER PLANT	-	Unit2_	Compone	ent <u>2-ILA-121-V</u>	<u>′1</u>	
One Cook Pla	ace, Bridgman, M Address	49106		JOB ORDE Repair Org.		4276008-01 Job No., etc		
``	ed by <u>AEP/D.C. C</u> Nar lace, Bridgman, M Addres	<u> 49106</u>	<u>nt</u>	Authorizati	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>			
4. Identification of	of System: <u>EMER</u>	RGENCY CORE CO	OLING SY	STEM ISI	CLASS 2			
 5. (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed, N/A Add. Code Case N416-1</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, No Addenda 								
6. Identification	or Components	Repaired or Replac	ed and R	epiacement Comp	oonents			
Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
2-ILA-121-V1						·		
VALVE	CONVAL .	M&E 30-035209 ASP 14314	N/A	ASME SA182 GR F316	N/A	REPLACED	NO	
2" PIPE	N/A	M&E 30-016711 ASP 25312		ASME SA312 TP 304	N/A	REPLACED	NO	
2" X 1" INSERT	N/A	M&E 30-017027 ASP 498		ASME SA182 GR 304	N/A	REPLACED	NO	
	· ·							
7. Description of Work REPLACED VALVE, PIPE AND INSERT 8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X								
8. Test Conduc. Other	ted: Hydrostatic PT, VT-2F	Pneumatic Pressure <u>N/A</u> pa	_	_	re [X]	•		

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FORM NIS-2 (Back) Job Order/File 04276008-01

9. Remarks:
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
150507
Signed Dewayne Timmons Maintenance Welding Supervisor Date W.5 . 20 24
Signed <u>Dewayne Timmons</u> <u>Maintenance Welding Supervisor</u> Date , 20 , 20 , 20 , 20 , 20 , 20 , 20 , 2
•
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province ofMichigan and employed byABS GROUP INCof
HOUSTON, TEXAS have inspected the components described in this Owner's
Report during the period
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 mapper for any personal injury or property damage or a loss of any kind arising from or connected with
this inspection.
- Marine
Inspector's Signature Commissions UBGM MI 300375 National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

1.	Name				-	Date11-02-04 Sheet _ 1of _ 2				
2.	Name One Cook Place, Bridgman, MI 49106				JOB ORDE	Unit 2 Component 2-ILA-202 JOB ORDER No. 03316029-08 Repair Org. P.O. No., Job No., etc				
3.	3. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address				Authorization	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>				
 Identification of System: <u>CONTAINMENT SPRAY</u> <u>ISI CLASS 2</u> (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed, N/A Add. Code Case</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, No Addenda Identification of Components Repaired or Replaced and Replacement Components 										
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
	2-ILA-202									
	5/8" BOLTS	N/A	M&E 30-04729 ASP 18869	N/A	ASME SA453 GR 660	N/A	REPLACED :	NO		
	5/8" NUTS	N/A	M&E 30-212090 ASP 28340 -	N/A	ASME SA194 GR 8F	N/A	REPLACED	NO		
			·							
7. 8.										

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FORM NIS-2 (Back) Job Order/File 03316029-08

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed Dewayne Timmons Maintenance Welding Supervisor Date—Dec. 8, , 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 1/29/6 to 1/2/0000 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 NB 6977 M130175 National Board, State, Province, and Endorsements Date 12/16 20 64

As Required by the Provisions of the ASME Code Section XI

								
1. Owner AMERICAN ELECTRIC POWER Name P.O. Box 60 Fort Wayne, IN 46801 Address				Date11-03-04 Sheet _ 1of _ 2				
	OK NUCLEAR PO	OWER PLANT	_	Unit <u>2</u>	Compone	ent <u>2-IMO-390</u>		
• • • •	ace, Bridgman, Mi	49106				4307059-01, 02 o., Job No., etc		
**	ed by <u>AEP/D.C. C</u> Nar ace, Bridgman, M Addres	149106	<u>nt</u>	Authorization	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>			
4. Identification o	of System: <u>RESII</u>	DUAL HEAT REMOV	VAL I	SI CLASS 2				
(b) Applicable I	Edition of Section	I <u>B31.1 1983 Ed, N//</u> XI Utilized for Repai Repaired or Replac	rs or Repl	acements 1989, No		 <u>3</u>		
Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
2-IMO-390								
VALVE	VOGT .	M&E 30-044238 ASP 14038	N/A	ASME SA182 GR F316	N/A	REPLACED	NO	
2" X 1" INSERT	N/A	M&E 30-017027 ASP 597	N/A	ASME SA182 GR 304	N/A	REPLACED	NO	
2" SOCK-O-LET	. N/A	M&E 30-017099 ASP 12852	N/A	ASME SA182 . GR F304	N/A	REPLACED	NO	
1" PIPE	N/A	M&E 30-016729 ASP 27009	N/A	ASME SA312 GR TP304	N/A	REPLACED	NO	
7. Description of Work <u>ADDED VENT LINE TO RHR SYSTEM</u> 8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X Other PT, VT-2 Pressure N/A psi. Test Temp. N/A F								

INIT_1/16/65

FORM NIS-2 (Back) Job Order/File 04307059-01, 02

Remarks:
Applicable Manufacturer's Data Reports to be attached
·
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed Dewayde Timmons Maintenance Welding Supervisor Date Jan . 20 05 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period IMBIG. to IMBIG. 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 NBG971 M1301975 National Board, State, Province, and Endorsements
Date 1/10 20 <u>0</u> 4

As Required by the Provisions of the ASME Code Section XI

_									
1.	Owner AMERICAN ELECTRIC POWER Name P.O. Box 60 Fort Wayne, IN 46801 Address				·	Date			
2.	Plant <u>D.C. COOK NUCLEAR POWER PLANT</u> Name One Cook Place, Bridgman, MI 49106 Address				JOB ORDE	Unit 2 Component 2-IRV-310 JOB ORDER No. 03339023-01 Repair Org. P.O. No., Job No., etc			
3.	. Work Performed by AEP/D.C. COOK Maint. Department . Name One Cook Place, Bridgman, MI 49106 Address				Authorizati	Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A			
4. 5. 6.	(a) Applicable(b) Applicable	Const. Code ANS Edition of Section	DUAL HEAT REMO 1 B31.1 1983 Ed, N/A XI Utilized for Repai Repaired or Replac	A Add. Co rs or Repla	acements 1989, No		<u>a</u>		
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
	2-IRV-310								
- -	VALVE	N/A	M&E 00-036753 ASP 29382	N/A	ASME SA351 GR CF8M	N/A	REPLACED	NO	
7. 8.		of Work <u>REPLAC</u> eted: Hydrostatic <u>VT-2</u> Pr		_	Il Operating Pressu	re X			

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1/5/65

FORM NIS-2 (Back) Job Order/File 03339023-01

9. Remarks: _REF: PO # 000031389
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed Dewayne Timmons Maintenance Welding Supervisor Date Jan 4 , 20 05 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period Color to Market of the Market of the Market of 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 **MB6971** MI 300 975**
Inspector's Signature National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

	Owner AMERICAN ELECTRIC POWER Name P.O. Box 60 Fort Wayne, IN 46801 Address					Dateof2			
Plant <u>D.C. COOK NUCLEAR POWER PLANT</u> Name One Cook Place, Bridgman, MI 49106 Address				JOB ORDE	Unit 2 Component 2-IRV-311 JOB ORDER No. 03339023-05 Repair Org. P.O. No., Job No., etc Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A				
	. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address								
 Identification of System: RESIDUAL HEAT REMOVAL ISI CLASS 2 (a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add. Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda Identification of Components Repaired or Replaced and Replacement Components 									
Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
2-IRV-311									
VALVE	N/A	M&E 00-036754 ASP 29382	N/A	ASME SA351 GR CF8M	N/A	REPLACED	NO		
7 Description	f World REDI AC	ED VALVE	<u> </u>		<u> </u>	<u> </u>	<u> </u>		
ŕ	•	Pneumatic cessure N/A ps		l Operating Pressu	re X				

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FORM NIS-2 (Back) Job Order/File 03339023-05

9. Remarks: _REF: PO # 000031389
Applicable Manufacturer's Data Reports to be attached

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· .
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed <u>Dewayne Timmons</u> <u>Maintenance Welding Supervisor</u> Date <u>JAN 4</u> , 20 <u>05</u> Owner or Owner's Designee, Title
•
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period of Michigan to Make the 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 MEGGT MI 300971 Inspector's Signature National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

1.						10-17-04			
	P.O. Box 60 I	Name Fort Wayne, IN 46 Address			Sheet 1	Sheet 1 of 2			
2.	Plant D.C. COOK NUCLEAR POWER PLANT Name One Cook Place, Bridgman, MI 49106 Address				JOB ORDE	Unit 2 Component 2-IRV-320 JOB ORDER No. 03339023-09 Repair Org. P.O. No., Job No., etc			
3.		ned by <u>AEP/D.C. Co</u> Nan <u>lace, Bridgman, M</u> Address	49106	<u>nt</u>	Authorization	Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A			
 Identification of System: <u>RESIDUAL HEAT REMOVAL</u> <u>ISI CLASS 2</u> (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed, N/A Add. Code Case</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, No Addenda Identification of Components Repaired or Replaced and Replacement Components 									
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
	2-IRV-320								
	VALVE	N/A	M&E 00-036753 ASP 29382	N/A	ASME SA351 GR CF8M	N/A	REPLACED	ОИ	
-									
		<u></u>	<u> </u>			<u> </u>		<u></u>	
7.	7. Description of Work <u>REPLACED VALVE</u>								
8.	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X Other VT-2 Pressure N/A psi. Test Temp. N/A F								

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FORM NIS-2 (Back) Job Order/File 03339023-09

9. Remarks: _REF: PO # 000031389
Applicable Manufacturer's Data Reports to be attached
· · · · · · · · · · · · · · · · · · ·
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Bewayne Timmons</u> <u>Maintenance Welding Supervisor</u> Date <u>Tan 4</u> , 20 <u>05</u> Owner or Owner's Designee, Title
•
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period C/7/cx to Maye inspected the components 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 NBCAM MI 20097
Date 1// 2001

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

	Owner AM	MERICAN ELECTE Nam		_	Da	ite <u>11</u>	-2-04			
	P.O. Box 60 I	Fort Wayne, IN 46 Address			Sheet 1	of_	2	····		
•	Plant D.C. CO	OK NUCLEAR PO Name	WER PLANT	_	Unit <u>2</u>	Compone	ent <u>2-MRV-21</u>	0_		
	One Cook Pla	ace, Bridgman, MI	<u>49106</u>				0250848-01&2			
		Address			Repair Org.	Repair Org. P.O. No., Job No., etc				
	Work Perform	ed by <u>AEP/D.C. Co</u>	OOK Maint, Departmi	<u>ent</u>	Type Code Authorizati		Stamp <u>N/A</u> <u>N/A</u>			
	One Cook Pl	lace, Bridgman, M Address	49106		Expiration		N/A			
	Identification of	of System: <u>MAIN</u>	STEAM ISI C	CLASS 2	_					
			B31.1 1983 Ed, N/ I Utilized for Repa			lo Addend	<u>a</u>			
	Identification	of Components	Repaired or Repla	ced and l	Replacement Con	nponents				
	Name of	Name of	Manufacturer	National	Other	Year	Renaired	ASME		

Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-MRV-210							
2-3/4" STUD	N/A	M&E 30-034460 ASP 15263	N/A	ASME SA193 GR B7	N/A	REPLACED	NO
DISC	N/A	M&E 30-034382 ASP 16513	N/A	ASME SA105	N/A	REPLACED	NO
2-3/4" NUT	N/A	M&E 30-034422 ASP 15263	N/A	ASME SA194 GR 7	N/A	REPLACED	NO
3" STEP STUD	N/A	M&E 30-034316 ASP 29517	N/A	ASME SA193 GR B7		REPLACED	NO
FILLER MATERIAL	N/A	M&E 30-045392 ASP 28160 & 29426	N/A	ER 70S-2		REPLACED	МО

7.	Description of Work REPLACED DISC AND BOLTING. REWELDED VENT PIPING
8.	Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X
	Other PT, MT, RT, VT-2 Pressure N/A psi. Test Temp. N/A F

FORM NIS-2 (Back) Job Order/File R0250848-01

9. Remarks:_ ·
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp NONE
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed <u>Dewayne Timmons Maintenance Welding Supervisor</u> Date <u>JAN 3</u> , 20 <u>05</u> Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 10/2/04 to 1/09/04, 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 NB 6977 M1 800975
Inspector's Signature National Board, State, Province, and Endorsements Date

As Required by the Provisions of the ASME Code Section XI

2. Pla O 3. Wo 4. Ide 5. (a) 6. Ide	O. Box 60 F ant D.C. CO ne Cook Pla ork Perform One Cook Pl entification o Applicable (Nar ace, Bridgman, M Address f System: <u>CONT</u> Const. Code <u>ANSI</u> Edition of Section	OWER PLANT 49106 OOK Maint, Departmente 149106	ISI C A Add. Cors or Repl	JOB ORDE Repair Org. Type Code Authorizati Expiration CLASS 2 ode Case acements 1989, No	Components R No. 0 P.O. No., Symbol s on No. Date	ent <u>2-MRV-241</u> 4047056-01 Job No., etc Stamp <u>N/A</u> <u>N/A</u> N/A	
3. Wo 4. Ide 5. (a) 6. Ide	ne Cook Plant ork Performance one Cook Plantification of Applicable (Applicable I	Name ace, Bridgman, MI Address ed by AEP/D.C. Co Nar ace, Bridgman, M Address f System: CONT Const. Code ANSI Edition of Section	49106 OOK Maint, Department 149106 S FAINMENT SPRAY I B31.1 1983 Ed, N// XI Utilized for Repair	ISI C A Add. Cors or Repl	JOB ORDE Repair Org. Type Code Authorizati Expiration CLASS 2 ode Case acements 1989, No	ER No. 0 P.O. No., Symbol Son No. Date	4047056-01 Job No., etc Stamp <u>N/A</u> <u>N/A</u> N/A	
3. Wo 4. Ide 5. (a) (b) 6. Ide	ork Performone Cook Plantification of Applicable I	ace, Bridgman, MI Address ed by AEP/D.C. Co Nar ace, Bridgman, M Address f System: CONT Const. Code ANSI Edition of Section	OOK Maint. Departme ne il 49106 s FAINMENT SPRAY I B31.1 1983 Ed, N// XI Utilized for Repai	ISI C A Add. Cors or Repl	Repair Org. Type Code Authorizati Expiration CLASS 2 ode Case acements 1989, No	P.O. No., on No. Date	Job No., etc Stamp <u>N/A</u> <u>N/A</u> N/A	
	entification on Applicable (Applicable I	Nar ace, Bridgman, M Address f System: <u>CONT</u> Const. Code <u>ANSI</u> Edition of Section	ne <u>II 49106</u> S <u>FAINMENT SPRAY</u> I <u>B31.1 1983 Ed, N//</u> XI Utilized for Repai	ISI C A Add. Cors or Repl	Authorizati Expiration CLASS 2 ode Case acements 1989, No	on No. Date	<u>N/A</u> <u>N/A</u>	
5. (a) (b) 6. Ide	Applicable (Applicable I	Const. Code <u>ANSI</u> Edition of Section 2	<u>I B31.1 1983 Ed, N//</u> XI Utilized for Repai	Add. Cors or Repl	ode Case acements <u>1989, N</u> o		 <u>a</u>	
(b) . 6. Ide	Applicable I	Edition of Section 2	XI Utilized for Repai	rs or Repl	acements <u>1989, No</u>		<u>a</u>	
	entification	of Components	Repaired or Replac	ed and F	Replacement Com	ponents		
	ame of nponent	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-MF	RV-241							
VA	ALVE			<u> </u>		<u> </u>	<u> </u>	<u> </u>
F	rLŮG	N/A	M&E 30-688864 ASP 28198	N/A	ASTM A582 TP 416	N/A	REPLACED	NO
C	AGE	N/A	M&E 30-688865 ASP 17265	N/A	ASTM A747 CB7CU-1	N/A	REPLACED	NO
S	STEM	N/A	M&E 30-688864 ASP 28198	N/A	ASTM A484 TP 416	N/A	REPLACED	NO

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119

Pressure N/A psi. Test Temp. N/A F

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other

FORM NIS-2 (Back) Job Order/File 04047056-01

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
<u> </u>
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the
ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
There was .
Signed Dewayne Timmons Maintenance Welding Supervisor Date DEC. 7, 20 04
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 ofMichigan and employed by _ABS GROUP INCof
HOUSTON, TEXAS Report during the period 4/20/0 to 10/24/0 and state that to the best of my
knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's
Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
this inspection, 1//
1/2/2001
Inspector's Signature Commissions 150977 M 3171971 National Board, State, Province, and Endorsements
Mational Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

1.	Owner AMERICAN ELECTRIC POWER Name P.O. Box 60 Fort Wayne, IN 46801 Address	Date
2.	Plant D.C. COOK NUCLEAR POWER PLANT Name	Unit 2 Component 2-MS-135-1
	One Cook Place, Bridgman, MI 49106	JOB ORDER No. 04277047-01
	Address	Repair Org. P.O. No., Job No., etc
3.	Work Performed by AEP/D.C. COOK Maint. Department	Type Code Symbol Stamp N/A
	Name	Authorization No. <u>N/A</u>
	One Cook Place, Bridgman, MI 49106	Expiration Date <u>N/A</u>
	Address	
4.	Identification of System: <u>STEAM GENERATOR CONDENSATE</u>	ISI CLASS 2
	(a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add. Code Ca (b) Applicable Edition of Section XI Utilized for Repairs or Replacement	
6.	Identification of Components Repaired or Replaced and Replace	ement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-MS 135-1							
VALVE	N/A	M&E 30-044248 ASP 19582	N/A	ASME SA105	N/A	REPLACED :	NO
PIPE	N/A	M&E 30-014981 ASP 25237	N/A	ASME SA106 GR B	N/A	REPLACED	NO

7.	Description of Work REPLACED VALVE AND PIPING	
	Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure	_
	Other PT, VT-2 Pressure N/A psi. Test Temp. N/A	F

INIT_DISTO

FORM NIS-2 (Back) Job Order/File 04277047-01

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp <u>NOŃE</u>
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed <u>Dewayne Timmons</u> <u>Maintenance Welding Supervisor</u> Date <u>Dec /</u> 20 <u>O4</u> Owner or Owner's Designee, Title
.'
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period Of HOUSTON, TEXAS have inspected the components described in this Owner's Report in accordance with 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 marrier for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date /2/8/20 or

As Required by the Provisions of the ASME Code Section XI

1. Owner										
P.O. Box 60 Fort Wayne, IN 46801 Address	1. Owner	AME		RIC POWER		Date1	Date10-05-04			
Name One Cook Place, Bridgman, MI 49106 Address Repair Org. P.O. No., Job No., etc 3. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address 4. Identification of System: MAIN STEAM ISI CLASS 2 5. (a) Applicable Const. Code ASME III CLASS 1 NB 1989 Add. Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Name of Manufacturer Sorial No. (Material M&E, ASP, PO) Power Asp, PO) MANUARY N/A M&E 30-009778 N/A ASME SA193 N/A Repaired, Replaced, or Replaced, or Replacement Stamped (Yes or No) Repair Org. P.O. No., Job No., etc Type Code Symbol Stamp N/A Authorization No. N/A N/A N/A N/A N/A N/A Repaired, Replaced, or Replacement Components ASME Code Code Code Code Code Code Code Code	<u>P.O. B</u>	P.O. Box 60 Fort Wayne, IN 46801				Sheet 1	of_	2		
Address Repair Org. P.O. No., Job No., etc 3. Work Performed by AEP/D.C. COOK Maint. Department Name Authorization No. N/A Authorization No. N/A ASME SA193 N/A REPLACED NO AMNWAY N/A M&E 30-009785 N/A ASME SA 516 N/A REPLACED NO Authorization No. ASP 23749 No. Administration No. N/A Authorization No. N/A Authorization No. N/A Authorization No. N/A N/A REPLACED NO Authorization No. N/A REPLACED NO N/A Replaced N/A Re	2. Plant <u>D</u>).C. COO		WER PLANT	_	Unit <u>2</u>	Compone	ent <u>2-OME 3-1</u>		
Name One Cook Place, Bridgman, MI 49106 Address 4. Identification of System: MAIN STEAM ISI CLASS 2 5. (a) Applicable Const. Code ASME III CLASS 1 NB 1989 Add. Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Name of Manufacturer Serial No. (Material M&E, ASP, PO) No. National Board No. (Material M&E, ASP, PO) No.	One C									
5. (a) Applicable Const. Code ASME III CLASS 1 NB 1989 Add. Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component		Name One Cook Place, Bridgman, MI 49106				Authorization	on No.	<u>N/A</u>		
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component	4. Identific	I. Identification of System: MAIN STEAM ISI CLASS 2								
Name of Component Name of Manufacturer Serial No. (Material M&E, ASP, PO) 2-OME 3-1 BOLTING N/A M&E 30-009778 ASP 23749 National Board No. (Material M&E, ASP, PO) National Board No. (Material M&E, ASP, PO) No. View Identification Year Repaired, Replaced, or Replaced, or Replacement (Yes or No) ASME SA193 AS	(b) App	licable Ed	ition of Section 2	XI Utilized for Repair	rs or Repl	acements 1989, No		<u>a</u>		
Component Manufacturer Serial No. (Material M&E, ASP, PO) 2-OME 3-1 BOLTING N/A M&E 30-009778 N/A ASME SA193 GR B7 MANWAY N/A M&E 30-009785 N/A ASME SA 516 N/A REPLACED NO	o. identii		Components	repaired of Replac	eu anu k	epiacement comp	T	1		
BOLTING N/A M&E 30-009778 N/A ASME SA193 N/A REPLACED NO ASP 23749 GR B7 MANWAY N/A M&E 30-009785 N/A ASME SA 516 N/A REPLACED NO CR 70			•••••	Serial No. (Material M&E, ASP, PO)	Board			Replaced,	Code Stamped (Yes	
. ASP 23749 GR B7 MANWAY N/A M&E 30-009785 N/A ASME SA 516 N/A REPLACED NO	2-OME 3	3-1								
CD 70	BOLTING	G	N/A		N/A		N/A	REPLACED	NO	
			N/A		N/A		N/A	REPLACED	NO	

7.	Description of Work REPLACI	ED BOLTING AND MANWAY COVER
8.	Test Conducted: Hydrostatic	Pneumatic Nominal Operating Pressure X
	Other VT-1, VT-2	Pressure <u>N/A</u> psi. Test Temp. <u>N/A</u> F

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FORM NIS-2 (Back) Job Order/File 04090049-03

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
N. Committee of the com
OFFICIOATE OF COMPLIANCE
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
D. myse Almore
Signed Dewayse Timmons Maintenance Welding Supervisor Date Nov 29 , 20 04
Owner or Owner's Designee, Title
k.
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 ofMichigan and employed by _ABS GROUP INCof
Report during the period 4/1/04 to 10/15/25, 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 NEGAM MI 301975
Inspector's Signature National Board, State, Province, and Endorsements
Date

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

							
Owner AMERICAN ELECTRIC POWER Date 10-19-04 Name						_	
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2 Address						···	
Plant D.C. COOK NUCLEAR POWER PLANT Unit 2 Component 2-OME-3-4 Name							
One Cook Pl	ace, Bridgman, MI Address	49106					•
One Cook F	Nam Place, Bridgman, M	ne	<u>ent</u>	Authorization	on No.	<u>N/A</u>	
_		TOR COOLANT SY	STEM	ISI CLASS 1			
					o Addend	'a	
•		•	•			<u></u>	
Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-OME 3-4	·						
STUD	WESTINGHOUS E	M&E 30-011975 ASP 15386	N/A	ASME SA193 GR B7	N/A	REPLACED	NO
					<u> </u>		
					<u> </u>		
7. Description of Work REPLACE STUDS							
Other							
	P.O. Box 60 Plant D.C. CO One Cook Pl Work Perform One Cook I Identification (a) Applicable (b) Applicable Identification Name of Component 2-OME 3-4 STUD Description of Test Conduct	P.O. Box 60 Fort Wayne, IN 46 Address Plant D.C. COOK NUCLEAR PC Name One Cook Place, Bridgman, MI Address Work Performed by AEP/D.C. CO Nam One Cook Place, Bridgman, M Address Identification of System: REAC (a) Applicable Const. Code ANSI (b) Applicable Edition of Section X Identification of Components Name of Component Name of Manufacturer 2-OME 3-4 STUD WESTINGHOUS E Description of Work REPLACE Test Conducted: Hydrostatic	P.O. Box 60 Fort Wayne, IN 46801 Address Plant D.C. COOK NUCLEAR POWER PLANT Name One Cook Place, Bridgman, MI 49106 Address Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address Identification of System: REACTOR COOLANT SY (a) Applicable Const. Code ANSI B31.1 1983 Ed, N/ (b) Applicable Edition of Section XI Utilized for Repail Identification of Components Repaired or Replain Name of Component Manufacturer Serial No. (Material M&E, ASP, PO) 2-OME 3-4 STUD WESTINGHOUS M&E 30-011975 E ASP 15386 Description of Work REPLACE STUDS Test Conducted: Hydrostatic Pneumatic	P.O. Box 60 Fort Wayne, IN 46801 Address Plant D.C. COOK NUCLEAR POWER PLANT Name One Cook Place, Bridgman, MI 49106 Address Work Performed by AEP/D.C. COOK Maint, Department Name One Cook Place, Bridgman, MI 49106 Address Identification of System: REACTOR COOLANT SYSTEM (a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add. Co. (b) Applicable Edition of Section XI Utilized for Repairs or Rep Identification of Components Repaired or Replaced and Identification of Manufacturer Serial No. (Material M&E, ASP, PO) 2-OME 3-4 STUD WESTINGHOUS M&E 30-011975 N/A E ASP 15386 Description of Work REPLACE STUDS Test Conducted: Hydrostatic Pneumatic Nomin	Name P.O. Box 60 Fort Wayne, IN 46801 Address	Name P.O. Box 60 Fort Wayne, IN 46801	Name P.O. Box 60 Fort Wayne, IN 45801 Address Plant D.C. COOK NUCLEAR POWER PLANT Name One Cook Place, Bridgman, MI 49106 Address Work Performed by AEP/D.C. COOK Maint, Department Name One Cook Place, Bridgman, MI 49106 Address Identification of System: REACTOR COOLANT SYSTEM Isl CLASS 1 (a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add. Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda Identification of Components Repaired or Replaced and Replacement Components Name of Component Manufacturer Syrial No. (Material MAE, ASP, PO) 2-OME 3-4 STUD WESTINGHOUS M&E 30-011975 N/A ASME SA193 N/A REPLACED Description of Work REPLACE STUDS Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure

FORM NIS-2 (Back) Job Order/File R0252183-01

9. Remarks: REF: 04029029-05 for the Requisition of the Studs.
Applicable Manufacturer's Data Reports to be attached
•••••
<u> </u>
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Dewaynez immons</u> <u>Maintenance Welding Supervisor</u> Date <u>Jansib</u> , 20 <u>05</u> Owner or Owner's Designee, Title
CERTIFICATE OF INCEPTION
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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's
HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 10/16/04 to 10/19/64 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 mariner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
uns inspection.
ff/f_c
MALL Meno
Inspector's Signature National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

									
1.	Owner AMERICAN ELECTRIC POWER Name P.O. Box 60 Fort Wayne, IN 46801 Address					Date10-16-04 Sheetof2			
2.	Plant <u>D.C. CC</u> One Cook Pl	JOB ORDE	Unit 2 Component 2-PP-50W JOB ORDER No. 04276040-14 Repair Org. P.O. No., Job No., etc						
Address Repair Org. P.O. No., Job No., etc 3. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address Repair Org. P.O. No., Job No., etc Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A									
4. 5. 6.	(a) Applicable (b) Applicable	Const. Code ANSI Edition of Section >	IICAL VOLUMN AN B31.1 1983 Ed, N// KI Utilized for Repai Repaired or Replac	A Add. Co	<u>de Case N416-1</u> acements <u>1989, No</u>	Addend	<u>a</u>		
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Bullt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
	2-PP-50W								
	PUMP	PACIFIC PUMP	M&E 30-014849 ASP 29428	N/A		N/A	REPLACED :	NO	
-									
7.	Description o	of Work <u>REPLACE</u>	D PUMP						
8.	Test Conduc	eted: Hydrostatic VT-2 Press	Pneumatic ure N/A psi.	 -	l Operating Pressu b. <u>N/A</u> F	re X			

12/23/14

FORM NIS-2 (Back) Job Order/File 04276040-14

9. Remarks:
Applicable Manufacturer's Data Reports to be attached
·
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed Dewayne Timmons Maintenance Welding Supervisor Date DEC 17, 20 OF 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 byABS GROUP INC of Have inspected the components described in this Owner's Report during the period for to
Inspector's Signature Commissions NB 6977 MI 360,976 National Board, State, Province, and Endorsements Date 12/23 2004

As Required by the Provisions of the ASME Code Section XI

1.	Owner AMERICAN ELECTRIC POWER Name P.O. Box 60 Fort Wayne, IN 46801 Address	Date
2.	Plant D.C. COOK NUCLEAR POWER PLANT	Unit 2 Component 2-PP-50W
	Name One Cook Place, Bridgman, MI 49106 Address	JOB ORDER No. 04276040-22 Repair Org. P.O. No., Job No., etc
3.	Work Performed by AEP/D.C. COOK Maint, Department Name One Cook Place, Bridgman, MI 49106 Address	Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A
4.	Identification of System: CHEMICAL VOLUMN AND CONTROL	ISI CLASS 2
	(a) Applicable Const. Code <u>ANSI B31.1 1983 Ed, N/A Add. Code Ca</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacement	
6.	Identification of Components Repaired or Replaced and Replace	ement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-PP-50W							
3/32" WELD FILLER MATERIAL	N/A	M&E 30-045073 ASP 1179	N/A	ER 316	N/A	REPLACED ;	NO
1/8" WELD FILLER MATERIAL	N/A	M&E 30-045075 ASP 19713	N/A	ER 316	N/A	REPLACED	NO

7.	Description of Work <u>CUT PIF</u>	<u>'E AND RE-WELDED</u> .
8.		Pneumatic Nominal Operating Pressure X
	Other VT-2, PT, RT	Pressure N/A psi. Test Temp. N/A F

FORM NIS-2 (Back) Job Order/File 04276040-22

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
•
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp <u>NOŃE</u>
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Dewayne Timmons</u> <u>Maintenance Welding Supervisor</u> Date <u>New 30</u> , 20 <u>O4</u> Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period for Italian 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 MBCMM MI 301975
Inspector's Signature // National Board, State, Province, and Endorsements
Date 10-110-20-17

As Required by the Provisions of the ASME Code Section XI

1.	Owner AMERICAN ELECTRIC POWER Name P.O. Box 60 Fort Wayne, IN 46801 Address	Date10-22-04 Sheet _ 1of _ 4
2.	Plant <u>D.C. COOK NUCLEAR POWER PLANT</u> Name One Cook Place, Bridgman, MI 49106 Address	Unit 2 Component 2-PP-50W JOB ORDER No. 04281076-01,02,03 Repair Org. P.O. No., Job No., etc
3.	Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
4.	Identification of System: CHEMICAL VOLUMN AND CONTROL	ISI CLASS 2
	 (a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add. Code Ca (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 	

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-PP-50W						-	·
6" PIPE FLANGE	N/A	M&E 30-022132 ASP 7544	N/A	ASME SA182 GR F304	N/A	REPLACED	NO
6" PIPE ELBOW	N/A	M&E 30-017841 ASP 28500	N/A	ASME SA 403 GR 304	N/A	REPLACED	NO
6" PIPE	N/A	M&E 30-016780 ASP 15529	N/A	ASME SA 376 TP 304	N/A	REPLACED	NO
6" VALVE	N/A	M&E 30-033965 ASP 16517	N/A	ASME SA351 GR CF8	N/A	REPLACED	NO

7.	Description of Work REPLACED PIPE, FITTINGS AND BOLTING
	Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other PT, RT, VT-2 Pressure N/A psi. Test Temp. N/A F

INIT_#

As Required by the Provisions of the ASME Code Section XI

. 0	OwnerAM	IERICAN ELECTI Name	RIC POWER		Date1	Date10-22-04				
Ē	P.O. Box 60 F	Fort Wayne, IN 46 Address			Sheet _2_	Sheet 2 of 4				
	Plant D.C. COOK NUCLEAR POWER PLANT Name One Cook Place, Bridgman, MI 49106					Unit2 _ Component2-PP-50W				
•	Address Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address					Repair Org. P.O. No., Job No., etc Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A				
			MICAL VOLUMN AN 1 B31.1 1983 Ed, N/A							
` '			XI Utilized for Repair	•			<u>a</u>			
	Name of component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
2-1	PP-50W									
3,	/4" BOLT	N/A	M&E 30-047136 ASP 13679	N/A	ASME SA453 GR 660	N/A	REPLACED	NO		
3	3/4" NUT	N/A	M&E 30-212100 ASP 26923	N/A	ASME SA 194 GR 8F	N/A	REPLACED	NO		
7.	Description o	f Work <u>REPLAC</u>	ED PIPE, FITTINGS	AND BO	LTING					
	Test Conduct		Pneumatic Pressure N/A		, -					

INIT #

As Required by the Provisions of the ASME Code Section XI

=										
1.	Owner <u>AN</u>	MERICAN ELECTE	RIC POWER		Date1	Date10-22-04				
	P.O. Box 60 F	Fort Wayne, IN 46 Address			Sheet 3	of_	4			
2.	. Plant D.C. COOK NUCLEAR POWER PLANT					Compone	ent <u>2-PP-50W</u>			
	Name One Cook Place, Bridgman, MI 49106					• •	4281076-01,02,0	- a		
	<u> </u>	Address					2.O. No., Job No., et			
3.	Work Perform	ed by <u>AEP/D.C. C</u> Nar	OOK Maint. Departme	<u>nt</u>	Type Code Authorizati	•	Stamp N/A			
	One Cook P	lace, Bridgman, M	149106		Expiration I		<u>N/A</u> <u>N/A</u>			
4.	Identification o	Address of System: CHEN	S MICAL VOLUMN AN	D CONTR	ROLISI CLASS	32				
			B31.1 1983 Ed, N/A							
			XI Utilized for Repair			Addend	<u>a</u>			
6.	Identification	of Components	Repaired or Replac	ed and R	leplacement Comp	onents				
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
	2-PP-50W									
	VALVE DISC 2-CS-269W	N/A	M&E 30-034029 ASP 21943	N/A	ASME SA351 GR CF8	N/A	REPLACED	NO		
	STEEL FLAR BAR	N/A	M&E 30-153129 ASP 24535	N/A	ASTM A36 1990	N/A	REPLACED	NO		
Γ										
-	 		<u> </u>							
L										
7.	Description o	f Work <u>REPLACI</u>	ED SHIM, PIPE, FIT	TINGS, AI	ND BOLTING					
8.		ted: Hydrostatic	Pneumatic		l Operating Pressu	re X				
	Other	RT PT VT-2	Proceura N/A	nei Te	et Temp N/A	F				

INIT

FORM NIS-2 (Back) Job Order/File 04281076-01

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
·
CERTIFICATE OF COMPLIANCE
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed Dewayne Timmons Maintenance Welding Supervisor Date JAN 7 , 20 05 Owner or Owner's Designee, Title
45-
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 ABS GROUP INC.
1101100011 000110
Report during the period 10/12/49 to 10/23/10 , and state that to the best of my
knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's
Report in accordance with the requirements of the ASME Code, Section XI. 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 manher for any personal injury or property damage or a loss of any kind arising from or connected with
Inspector's Signature Date /// 2007 Commissions JB GATA MI 300 975 National Board, State, Province, and Endorsements

As Required by the Provisions of the ASME Code Section XI

1.	N:	Owner AMERICAN ELECTRIC POWER Name P.O. Box 60 Fort Wayne, IN 46801 Address					Date				
2.	Name One Cook Place, Bridgman, MI 49106					Unit 2 Component 2-PW-275 JOB ORDER No. 03162051-01 Org. P.O. No., Job No., etc					
3.	. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address					on No.	Stamp <u>N/A</u> <u>N/A</u> N/A				
4.5.6.	5. (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed, N/A Add. Code Case N-416-1</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989, No Addenda</u>										
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)			
	2-PW-275										
	-	1		1							
	VALVE	N/A	M&E 30-041824 ASP 29293	N/A	ASTM A351 GR CF8	N/A	REPLACED	NO			
	VALVE	N/A		N/A		N/A	REPLACED	NO			
7.		N/A	ASP 29293	N/A		N/A	REPLACED	NO			

INIT A

FORM NIS-2 (Back) Job Order/File 03162051-01

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPAIR & REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed Dewayne Timmons Maintenance Welding Supervisor Date Dec, 3, 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period of Michigan to Market the Components 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 MBOAT MARCH 2009. National Board, State, Province, and Endorsements
Date 1/6 20 05 D

As Required by the Provisions of the ASME Code Section XI

					<i>,</i>				
1.		MERICAN ELECTR Name Fort Wayne, IN 468 Address	••		Date1 Sheet1_		2		
2.	Plant D.C. COOK NUCLEAR POWER PLANT Name Out Out Floor Bridge Mt 40400						ent <u>2-SV-45A</u>		
	One Cook Place, Bridgman, MI 49106 Address				<u>JOB ORDE</u> Repair Org. I		0246683-05 lob No., etc		
3.	Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address				Authorization	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>			
4.	Identification of			YSTEM	ISI CLASS 1	_			
		Const. Code ANSI			ode Case acements <u>1989, No</u>	Addond			
6.	•••		•	•	deplacement Comp				
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
	2-SV-45A VALVE	ASME SA350 GR CF8M	CROSBY		M&E 30-036392 ASP 29383 S/N N56499-01-	1974	REPLACED	YES	
	·	•			0009				
			i						
\vdash				<u> </u>					
_		<u> </u>		<u> </u>	L	l			
7.	Description of	of Work <u>Replace F</u>	Pressurizer Safety \	/alve					
8.	Test Conduc	cted: Hydrostatic VT-2, VT-3 Pre		_ _	al Operating Pressuremp. <u>N/A</u> F	re X			

INIT_U

FORM NIS-2 (Back) Job Order/File R0246683-05

9. Remarks: VT-2 Exam was performed under JOA R246859-01
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed <u>Dewayne Timmons</u> <u>Maintenance Welding Supervisor</u> Date <u>Nov. 19</u> 20 04 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 ABS GROUP INC. of HOUSTON, TEXAS have, inspected the components described in this Owner's
Report during the period /c/2c/of to /////of , 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 National Board, State, Province, and Endorsements
Date <u>/2/7</u> 20 0 4

As Required by the Provisions of the ASME Code Section XI

_	 _									
1.		MERICAN ELECTR Name Fort Wayne, IN 46				Date				
	<u>, , , , , , , , , , , , , , , , , , , </u>	Address								
2.	Plant D.C. CO	OK NUCLEAR PC Name	WER PLANT	_	Unit2	Compone	ent <u>2-SV-45B</u>			
	One Cook Place, Bridgman, MI 49106 Address				<u>JOB ORDE</u> Repair Org.		0255732-06 lob No., etc			
3.	. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address				Authorization	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>				
4.	Identification of	of System: RCS	ISI CLASS 1							
5.	i. (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed, N/A Add. Code Case</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989, No Addenda</u>									
6.	Identification	of Components I	Repaired or Replac	ed and R	eplacement Comp	onents				
	Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
	2-SV-45B VALVE	CROSBY	M&E 30-036392 ASP 29383 S/N	N/A	ASME SA350 GR CF8M	1974	REPLACED	YES		
_	••-	•	N56499-00-0007	·						
]						
		<u> </u>								
					 					
7.	Description o	f Work <u>Replace I</u>	I Pressurizer Safety V	alve.	<u> </u>	<u>.</u>	<u> </u>			
8.		ted: Hydrostatic VT-3, VT-2 Pre	Pneumatic ssure N/A psi.	_	al Operating Pressump. <u>N/A</u> F	re X				

INIT # 1/6/04

FORM NIS-2 (Back) Job Order/File R0255732-06

9. Remarks: VT-2 Exam was performed under JOA R246859-01
Applicable Manufacturer's Data Reports to be attached
· · · · · · · · · · · · · · · · · · ·
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed <u>Dewayne Timmons</u> <u>Maintenance Welding Supervisor</u> Date <u>Dec 14</u> , 20 04 Owner of 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period to Inspector 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 Date 26 20 41 Commissions N86971 M1 300975 National Board, State, Province, and Endorsements

As Required by the Provisions of the ASME Code Section XI

_		
1.	Owner AMERICAN ELECTRIC POWER Name P.O. Box 60 Fort Wayne, IN 46801 Address	Date
2.	Plant <u>D.C. COOK NUCLEAR POWER PLANT</u> Name One Cook Place, Bridgman, MI 49106 Address	Unit 2 Component 2-SV-45C JOB ORDER No. R0255731-05 Repair Org. P.O. No., Job No., etc
3.	Work Performed by AEP/D.C. COOK Maint, Department Name One Cook Place, Bridgman, MI 49106 Address	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
4.	Identification of System: RCS ISI CLASS 1	
5.	(a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add. Code Cas(b) Applicable Edition of Section XI Utilized for Repairs or Replaceme	

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-SV-45C VALVE	ASME SA350 GR CF8M	CROSBY		M&E 30-036392 ASP 29383 S/N N56499-00- 0001	1974	REPLACED	YES
1* NUT	ASME SA 194 GR8F	N/A		M&E 30-212120 ASP 22655	N/A	REPLACED	

Description of Work Replace Flessurizer Galety Valve.	
Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure	X
Other VT-1, VT-3, VT-2 Pressure N/A psi. Test Temp. N/A F	

FORM NIS-2 (Back) Job Order/File R0255731-05

9. Remarks:
Applicable Manufacturer's Data Reports to be attached
\cdot
CERTIFICATE OF COMPLIANCE
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Certificate of Authorization No. IVA Expiration Date IVA
Signed Dewayne Timmons Maintenance Welding Supervisor Date 11-11- 20 04
Signed Dewayne Timmons Maintenance Welding Supervisor Date 11-11- , 20 04
Owner or Owner's Designee, Title
•
•
CERTIFICATE OF INSERVICE INSPECTION
CERTIFICATE OF MODITION AND ESTIMATE
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 ABS GROUP INC. of
HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 10/26/04 to 11/9/04 , and state that to the best of my
Report during the period
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 National Board, State, Province, and Endorsements
Date 12/7/2004

As Required by the Provisions of the ASME Code Section XI

=		
1.	Owner AMERICAN ELECTRIC POWER Name P.O. Box 60 Fort Wayne, IN 46801 Address	Date10-20-04 Sheet1of2
2.	Plant <u>D.C. COOK NUCLEAR POWER PLANT</u> Name One Cook Place, Bridgman, MI 49106 Address	Unit 2 Component 2-SV-51 JOB ORDER No. 04118056-01 Repair Org. P.O. No., Job No., etc
3.	Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address	Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A
4.	Identification of System: CHEMICAL VOLUMN AND CONTROL	ISI CLASS 2
5.	(a) Applicable Const. Code ANSI B31.1 1983 Ed, N/A Add. Code Code Code Applicable Edition of Section XI Utilized for Repairs or Replacem	

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ÀSP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-SV-51							
VALVE	N/A .	M&E 30-036382 ASP 14812	N/A	ASME SA351 GR CF8M	N/A	REPLACED	NO
5/8" STUD MATERIAL	N/A	M&E 30-212290 ASP 28452	N/A	ASME SA453, GR 660 CLB	N/A	REPLACED	NO
5/8" NUT	N/A	M&E 30-212090 ASP 28983	N/A	ASME SA194 GR 8F	N/A	REPLACED	NO

7.	Description of Work REPLACED VALVE AND BOLTING	
8.	Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure	
	Other VT-2 Pressure N/A psi. Test Temp. N/A F	- Afrila la
	1110	M 1/16/0

FORM NIS-2 (Back) Job Order/File 04118056-01

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed Dewayne Timmons Maintenance Welding Supervisor Date JAN7 , 20 05 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period To Houston 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 NB 6971 M/ 300975 Inspector's Signature / National Board, State, Province, and Endorsements
Date 1/10 2005

As Required by the Provisions of the ASME Code Section XI

I. Owner A	MERICAN ELECTR	RIC POWER	•	Date 1	0-22-04			
Name P.O. Box 60 Fort Wayne, IN 46801 Address			_		Sheet 1 of 2			
2. Plant <u>D.C. C</u>	Plant D.C. COOK NUCLEAR POWER PLANT Name				Unit 2 Component 2-TK-86			
One Cook P	One Cook Place, Bridgman, MI 49106 Address				JOB ORDER No. R0230508-03 Repair Org. P.O. No., Job No., etc			
. Work Performed by AEP/D.C. COOK Maint. Department Name One Cook Place, Bridgman, MI 49106 Address				Authorization	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>			
4. Identification	of System: <u>RESI</u>	DUAL HEAT REMOV	/AL	ISI CLASS 2				
		B31.1 1983 Ed, N/A XI Utilized for Repai			Addenda	<u>a</u>		
6. Identification	n of Components	Repaired or Replac	ed and R	Replacement Comp	onents			
Name of Component	Name of Manufacturer	Manufacturer Serial No. (Material M&E, ASP, PO)	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
2-TK-86								
STUDS	N/A	M&E 30-049301 ASP 29005	N/A	ASME SA193 GR B7	N/A	REPLACED	NO	
NUTS	N/A	M&E 30-211880 ASP 28821	N/A	ASME SA194 GR 2H	N/A	REPLACED	NO	
WASHERS	N/A	M&E 30-212690 ASP 26932	N/A	ASTM F436-93	N/A	REPLACED	NO	
		<u> </u>	·		·			
•								
7. Description	of Work <u>REPLAC</u>	ED MANWAY BOLT	<u>ING</u>					
8. Test Condu Other	cted: Hydrostatic	Pneumatic Pressure N/A		al Operating Pressuest Temp. N/A				

145

12/2/20

FORM NIS-2 (Back) Job Order/File R0230508-03

9. Remarks:_
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAIR & REPLACEMENT conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NONE
Certificate of Authorization No. N/A Expiration Date N/A
Signed Dewayne Timmons Maintenance Welding Supervisor Date DEC, 17, 2004 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 ABS GROUP INC. of HOUSTON, TEXAS have inspected the components described in this Owner's Report during the period 16/6/6 to 10/02/07, 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 marner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Inspector's Signature Commissions NBG77 MI 301975 National Board, State, Province, and Endorsements Date 17/24 2000