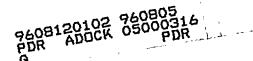
INTRODUCTION

This report summarizes the Inservice Inspection activities performed at the Cook Nuclear Plant, Unit 2, for the period of December 12, 1994 through May 9,1996. 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, 1986, the second ten-year inspection interval began and the applicable code for ISI activities then became the 1983 edition through the summer 1983 addenda.

The purpose of this report is to satisfy the requirements of IWA-6000 for the submittal of the Inservice Inspection Summary Report at the completion of each refueling outage. Examination and tests conducted since the preceding summary report (December 11, 1994) are included in this report. Repairs and replacements are also included in this report per the requirements of the 1983 Edition of ASME Section XI IWA-6220(b)10. Also, contained within this report are the supplemental information requirements of IWA-6220.

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



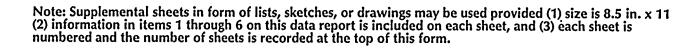
THIS REPORT CONSISTS OF 54 SUPPLEMENTAL PAGES

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTION As required by the Provisions of the ASME Code Rules

1. Owner American Electric Power Co., 1 Riverside Plaza, Columbus Ohio 43215-6631 (Name and Address of Owner)
2. Plant <u>Donald C. Cook Nuclear Plant, One Cook Place, Bridgman, Mi. 49106</u> (Name and Address of Plant)
3. Plant Unit 4. Owner Certification of Authorization (if required) N/A
5. Commercial Service Date <u>07/01/78</u> 6. National Board Number for Unit <u>1 (Mich. M-324232-M)</u>

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Chicago Bridge and Iron	T-1	M-324232-M	1
Steam Gen. #1	Westinghouse	MMGL 11444	M-324234-M	37
Steam Gen. #2	Westinghouse	MMGL 11445	M-324235-M	38
Steam Gen. #3	Westinghouse	MMGL 11446	M-324236-M	39
Steam Gen. #4	Westinghouse	MMGL 11447	M-324237-M	40
Pressurizer	Westinghouse	1231	M-324233-M	68 94
Volume Control Tank	Joseph Oats & Sons, Inc.	1787-3B	-	-
East CTS Heat Exchanger	Yuba	69-G-226-1B	•	-
Born Injection Tank	Strothers Wells Corp.	Spin No. AMP-SIATB1-01	-	-



FORM NIS-1 (back)

8. Examination Dates <u>12/12/94</u> to <u>05/09/96</u> 9. Inspection Interval from <u>07/01/86</u> to <u>07/01/96</u>
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval.
See Attached
11. Abstract of conditions noted. See Attached
12. Abstract of Corrective Measures Recommended and Taken See Attached
We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI. 1983 Edition w/Summer 1983 Addenda
Date 8/7/96 19.96 Signed American Electric Power By Frank Pisarsky
Certificate of Authorization No. (if applicable) N/A Expiration Date 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 Ankweight Moral Fus. Co. of Waltham, Ma. have inspected the components described in this Owner's Report during the period 12/12/94 to 05/09/96, 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.
Date <u>August 7</u> 19.96
Michael R. Muterspaugh Commissions Mich 0055, Enclosements N&I. Inspector's Signature National Board, State, Province, and Endorsements
·

REACTOR VESSEL AUTOMATED ULTRASONIC EXAMINATIONS

Automated ultrasonic examinations were performed on the reactor vessel welds from the inside surface (ID) utilizing the Southwest Research Institute PaR ISI-2 device with Fast PaR and Enhanced Data Acquisition System (EDAS) equipment. The examination areas included nozzle-to-shell welds from the nozzle bore and vessel shell wall, nozzle inner radius sections, nozzle integral extensions, vessel shell welds (100%), and lower head weld examinations.

Examinations performed from the reactor vessel shell wall were performed with procedures, equipment and personnel qualified in accordance with the Performance Demonstration Initiative Appendix VIII Program. This alternative method was demonstrated to the satisfaction of the Authorized Nuclear Inspector in accordance with ASME Section XI IWA-2240.

Examination of the nozzle to safe-end welds outside diameter surfaces were performed by ultrasonic examination in lieu of the code required liquid penetrant examination. This alternative method was demonstrated to the satisfaction of the Authorized Nuclear Inspector in accordance with ASME Section XI IWA-2240.

The remaining examinations of the RPV were performed in accordance with the requirements of the 83S83 Edition of ASME Section XI, USNRC Regulatory Guide 1.150, Rev. 1, with exception of the nozzle to shell weld examinations conducted from the nozzle bore. The nozzle bore examinations are addressed in NRC relief request AEP:NRC:0969AQ.

Examination limitations on reactor vessel shell welds are addressed in NRC relief request AEP:NRC:0969AR.

The summary pages in this section lists the examinations performed and results. In the following summary pages, "NOREC" is no recordable indications, "GEOM" is geometric indications, and "OTHER" are indications other than geometric indications.

DATE: 08/02/96 REVISION: 0

COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

PAGE:

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

REACTOR	PRESSURE	VESSEL	AND	CLOSURE	HEAD

REACTOR	PRESSURE VESSEL AND CLOSURE HE	<u>AD</u>						
					N		0	
		ASME			0	G	T	
	·	SEC. XI			R	E	H	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	M	R	**CALIBRATION BLOCK**
				*************	-	-	-	
	VESSEL CIRCUMFERENTIAL WELDS (FIG NO A-	<u>.1)</u>					
000100	2-RPV-B	B-A	AUTOL	DCC-AUT15/1/0/1	X	-	-	SWRI
	UPPER SHELL TO MIDDLE SHELL	B1.11	AUT45		X	<u>,-</u>	-	
	•		AUTSS		X	-	•	
	'		AUT55T	-	X	-	-	
			AUTSLIC40		X	-	-	**RV-1/11-CSCL-5-DCC**
			AUTELIC4 OT		X	-	•	
								,
000200		B-A	AUTOL	DCC-AUT15/1/0/1			-	SWRI
	MIDDLE SHELL TO LOWER SHELL	B1:11	AUT45		X		-	
			AUTS5			-	•	
			AUTSST		х		-	•
			AUTSLIC40					**RV-1/11-CSCL-5-DCC**
			AUTSLIC40T		X	-	-	
	•							4
000300	2-RPV-D	B-A	AUTOL	DCC-AUT15/1/0/1	v	_	_	SWRI
	LOWER SHELL TO LOWER HEAD	B1.11	AUT45	DCC-N0113/1/0/1		-		SHKI
<i>3</i>		22.22	AUTS5			x		
			AUTSST			_		•
			AUTSLIC40					**RV-3/11-CSCL-5-DCC**
			AUTSLIC40T			-		NV-3/11-636D-3-DCC
				SWRI-AUT2/8/0/0				
			AUTSLIC30					
								3
							:	
	VESSEL LONGITUDINAL WELDS (FIG	NO A-1)						
000400	2-RPV-VA1	B-A	AUTOL	DCC-AUT15/1/0/1	X	-	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	UPPER SHELL AT 22 DEG.	B1.12	AUT55		X	•	•	OUTLET NOZZLE INTEGRAL EXTENSION.
			AUTSST		X	•	•	
			AUTSLIC40		X	-	•	
		:	AUTSLIC40T		X	-	•	**11-CSCL-5-DCC**
000500	0 DDU 1/30							
	2-RPV-VA2	B-A		DCC-AUT15/1/0/1				SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	UPPER SHELL AT 113 DEG.	B1.12	AUTS5					INLET NOZZLE.
			AUT55T			•		
			AUTSLIC40			•		4411 0001 C B00
			AUTSLIC40T		X	•	•	**11-CSCL-5-DCC**

DATE: 08/02/96 REVISION: 0 COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

PAGE:

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL CLASS 1 COMPONENTS

•						
DENOMO	20122222	WECCET.	AND	CIOCIDE	DEAD	

REACTOR	PRESSURE VESSEL AND CLOSURE HE	<u>AD</u>						
					N		0	
	•	ASME	_		0	G	T	
		SEC. XI	•		R	E	H	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	M	R	**CALIBRATION BLOCK**
	,						-	
	VESSEL LONGITUDINAL WELDS (FIG	NO A-1)						
000600	2-RPV-VA3	B-A	AUTOL	DCC-AUT15/1/0/1	x	_		SWRI - LIMITED EXAM DUE TO INLET NOZZLE.
	UPPER SHELL AT 247 DEG.	B1.12	AUT55					
			AUTSST			_		
			AUTSLIC40			-		
	•		AUTSLIC40T	* ",				**11-CSCL-5-DCC**
			AUIDDICTUI		^	_	-	
000700	2-RPV-VB1	B-A	AUTOL	DCC-AUT15/1/0/1	v	_	_	SWRI
000700	MIDDLE SHELL AT 170 DEG.			DCC-R0115/1/0/1		•		SHKI
	MIDDLE SRELL AT 170 DEG.	B1.12	AUT55					
			AUT55T			-		•
			AUTSLIC40			-		
		•	AUTSLIC40T		Х	-	-	**RV-1/11-CSCL-5-DCC**
000800	2-RPV-VB2	B-A	AUTOL	DCC-AUT15/1/0/1				SWRI
	MIDDLE SHELL AT 350 DEG.	B1.12	AUT55			-		•
			AUTSST		X	-	-	
			AUTSLIC40		X	-	-	
			AUTSLIC40T		X	-		**RV-1/11-CSCL-5-DCC**
000900	2-RPV-VC1	B-A	AUTOL	DCC-AUT15/1/0/1	X	-	-	SWRI
	LOWER SHELL AT 90 DEG.	B1.12	AUTSS		X	•	٠,	
			AUTSST		x	-	-	
			AUTSLIC40		X	-	-	
			AUTSLIC40T		X	-	-	**RV-1/11-CSCL-5-DCC**
				•				
								•
001000	2-RPV-VC2	B-A	AUTOL	DCC-AUT15/1/0/1	X	-	-	SWRI
	LOWER SHELL AT 270 DEG.	B1.12	AUT55		X	-	-	'
			AUTSST		X	-	-	
			AUTSLIC40		X	-	-	
			AUTSLIC40T		X	•	-	**RV-1/11-CSCL-5-DCC**
								•
	REACTOR VESSEL LOWER HEAD MERI	DIONAL WE	LDS (FIG NO	A-1)				
				. —				
001740	2-LHM-03	B-A	AUTOL	DCC-AUT15/1/0/1	X	-		SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	MERIDIONAL WELD AT 129 DEG.	B1.22	AUTS5		X	-	•	CORE SUPPORT LUGS AND INSTRUMENTATION
			AUTSSL				-	

AUTSLIC40

AUTSLIC40T

RV-3/11-CSCL-5-DCC

DATE: 08/02/96 REVISION: 0

SUMMARY EXAMINATION AREA

NUMBER IDENTIFICATION

COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

ASME O G T
SEC. XI R E H
CATGY EXAM E O E REMARKS
ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

PAGE:

VESSEL TO FLANGE WELD (FIG NO A-1)

001800 2-RPV-A B-A AUTOL DCC-AUT15/1/0/1 X - - SWRI - LIMITED EXAM DUE TO PROXIMITY OF VESSEL TO FLANGE B1.30 AUT55T X - - FLANGE TAPER AND VESSEL KEYWAYS.

AUTSLIC40T X - - AUT3.7 X - -

AUT4.1 X - - **CSCL-5-DCC/CSCL-34-DCC**

AUT11.35 X - - AUT18 X - -

DATE: 08/02/96 REVISION: 0 COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

PAGE:

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

REACTOR	PRESSURE VESSEL AND CLOSURE HE	<u>~</u>						
					N		0	*
		asme			0	G	T	•
		SEC. XI			R	Ε	H	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		Ε	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
-,					-	-	-	
	NOZZLE TO SHELL AND SHELL TO N	OZZLE WEL	DS (FIG NO	<u>A-1)</u>				
002000	2-N1-I	B-D	AUTOL	DCC-AUT15/1/0/1	x	-	-	SWRI - BORE EXAMINATION RESULTS PENDING
	INLET NOZZLE TO SHELL AT 293	B3.90	AUTSST		X	-	-	AEP:NRC:0969AQ.
	DEG.		AUTSLIC40T		X	-	-	
			AUT6	SEE REMARKS	-	-	-	
,			AUT45	SEE REMARKS .	-	•	-	**CSCL-5-DCC/CSCL-7-DCC**
002100		B-D	AUTOL	DCC-AUT15/1/0/1		•		SWRI - BORE EXAMINATION RESULTS PENDING
	SHELL TO OUTLET NOZZLE AT 338	B3.90	AUTSST			-		AEP:NRC:0969AQ CODE RELIEF. LIMITED EXAM
	DEG.		AUTSLIC40T		X	-	-	DUE TO PROXIMITY OF OUTLET NOZZLE
			AUT10	SEE REMARKS	-	-	-	INTEGRAL EXTENSION.
•			AUT45	SEE REMARKS	-	•	•	**CSCL-5-DCC/CSCL-7-DCC**
002200	2-N2-I	B-D	AUTOL	DCC-AUT15/1/0/1	x	_		SWRI - BORE EXAMINATION RESULTS PENDING
	INLET NOZZLE TO SHELL AT 247	B3.90	AUTSST	•		-		AEP:NRC:0969AQ CODE RELIEF. CODE
	DEG.		AUTSLIC40T				_	-
			AUT6	SEE REMARKS				THE SAME AS FOUND DURING THE 1988 ISI
V		•	AUT45	SEE REMARKS		_		AND REEXAMINED DURING THE 1990 ISI.
			UT45	SWRI-UT2/2/0/0		_		**CSCL-5-DCC/CSCL-7-DCC**
			0113	J. 1012, 2, 0, 0			^	,
002300	2-N2-O	B-D	AUTOL	DCC-AUT15/1/0/1	x	-	-	SWRI - BORE EXAMINATION RESULTS PENDING
	SHELL TO OUTLET NOZZLE AT 202	B3.90	AUTSST		X	-	-	AEP:NRC:0969AQ CODE RELIEF. LIMITED EXAM
	DEG.		AUTSLIC40T		X	-	-	DUE TO PROXIMITY OF OUTLET NOZZLE
			AUT10	SEE REMARKS	-	-	•	INTEGRAL EXTENSION.
	•		AUT45	SEE REMARKS	•	•	•	**CSCL-5-DCC/CSCL-7-DCC**
002400	2-N3-I	B-D	AUTOL	DCC-AUT15/1/0/1	x		_	SWRI - BORE EXAMINATION RESULTS PENDING
	- *** +	B3.90	AUTSST				-	
*	DEG.	55.70	AUTSLIC40T					AEFINACIOSOSAQ CODE REBIEF.
·	DEG.			688 8844846	^	•	•	
			AUT6	SEE REMARKS	•	•	•	**CCCT
	•		AUT45	SEE REMARKS	•	•	•	**CSCL-5-DCC/CSCL-7-DCC**
002500		B-D	AUTOL	DCC-AUT15/1/0/1	x	•	-	SWRI - BORE EXAMINATION RESULTS PENDING
	SHELL TO OUTLET NOZZLE AT 158	B3.90	AUT55T		X	-	-	AEP:NRC:0969AQ CODE RELIEF. LIMITED EXAM
	DEG.	•	AUTSLIC40T		X	-	-	DUE TO PROXIMITY OF OUTLET NOZZLE
			AUT10	SEE REMARKS	-	:	•	INTEGRAL EXTENSION.
			AUT45	SEE REMARKS	-	•	-	**11-CSCL-5-DCC**

DATE: 08/02/96 REVISION: 0 COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

MEACTOR PRESSURE VESSEL AND CLOSURE HEAD		DDDCC1ME	INCCUT	270	CTACIDE	THESE	
	REACTOR	PRESSURE	VE335L	ANU	CIMPOKE	HEAD	

OUTLET NOZZLE AT 158 DEG.

B3.100

					N		0	
		ASME			0	G	T	
		SEC. XI		,	R	E	н	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		Ε	0	Ε	REMARKS
NUMBER	IDENTIFICATION .	ITEM NO	METHOD	PROCEDURE	C	M	R	**CALIBRATION BLOCK**
	***************************************	•		********	-	•	-	
	NOZZLE TO SHELL AND SHELL TO N	OZZLE WEL	DS (FIG NO	<u>A-1)</u>				
002600	2-N4-I	B-D	AUTOL	DCC-AUT15/1/0/1	x	-	-	SWRI - BORE EXAMINATION RESULTS PENDING
	INLET NOZZLE TO SHELL AT 67	B3.90	AUTSST	•	X	-	-	AEP:NRC:0969AQ CODE RELIEF.
	DEG.		AUTSLIC40T		X	-	-	
			AUT6	SEE REMARKS	-	-	-	
			AUT45	SEE REMARKS ,	-	-	-	**CSCL-5-DCC/CSCL-7-DCC**
	4			•				•
002700	2-N4-0 -	B-D	AUTOL	DCC-AUT15/1/0/1	x	-		SWRI - BORE EXAMINATION PENDING
	SHELL TO OUTLET NOZZLE AT 22	B3.90	AUTSST					
	DEG.		AUTSLIC40T		x			
			AUT10	SEE REMARKS	_		-	EXTENSION.
		_	AUT45	SEE REMARKS	-	-	-	**CSCL-5-DCC/CSCL-7-DCC** -
	•							
	NOZZLE INSIDE RADIUS SECTIONS	(FIG NO A	<u>-3)</u>					
002800	2-N1-I-IRS	B-D	AUT50/70	DCC-AUT15/1/0/1	v	_	_	SWRI
	INLET NOZZLE AT 293 DEG.	B3.100	A0130, 70	DCC-N0113/1/0/1	^	_		SHAT
<i>1</i>	211001 1100000 F11 275 5501	23.200						
	ŧ							**IR-CSCL-8-DCC**
	•		•					3.7 4342 7 244
003000	2-N2-I-IRS	B-D	AUT50/70	DCC-AUT15/1/0/1	x			SWRI
	INLET NOZZLE AT 247 DEG.	B3.100						
	-		•					r.
								IR-CSCL-8-DCC
								•
003200	2-N3-I-IRS	B-D	AUT50/70	DCC-AUT15/1/0/1	x	-	-	SWRI
	INLET NOZZLE AT 113 DEG.	B3.100		1				
								•
	•							**IR-CSCL-8-DCC**
								•
003300	2-N3-O-IRS	B-D	AUT50/70	DCC-AUT15/1/0/1	x	_	-	SWRI

IR-CSCL-8-DCC

PAGE:

DATE: 08/02/96 REVISION: 0

COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

ASME O G T

SEC! XI , R E H

SUMMARY EXAMINATION AREA CATGY EXAM E O E REMARKS

NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

NOZZLE INSIDE RADIUS SECTIONS (FIG NO A-3)

003400 2-N4-I-IRS B-D AUT50/70 DCC-AUT15/1/0/1 X - - SWRI

INLET NOZZLE AT 67 DEG. B3.100

IR-CSCL-8-DCC

PAGE:

003500/ 2-N4-0-IRS B-D AUT50/70 DCC-AUT15/1/0/1 X - - SWRI

OUTLET NOZZLE AT 22 DEG. B3.100

IR-CSCL-8-DCC

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COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

	•		CLIA	33 I COMPONENTS				
CTOR	PRESSURE VESSEL AND CLOSURE HE	<u>AD</u>						
					N		0	
	•	ASME			0	G	T	
		SEC. XI	•		R	Ξ	H	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	М	R	**CALIBRATION BLOCK**
•••••		•••••			•	-	-	
	NOZZLE TO SAFE-END AND SAFE-EN	D TO NOZZ	LE WELDS (F	TG NO 3-3)				
003800	2-RPV-1-02	B-F	AUTSLIC40	DCC-AUT14/1/0/1	x	-	-	SWRI - UT PERFORMED IN LIEU OF PT.
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40T	•	x	-	-	•
	•		PT	SEE REMARKS				
								PL-3.0-CSCL-4-DCC
	•							
				* *				
004000	2-RPV-2-02	B-F		DCC-AUT14/1/0/1	X	-	-	SWRI - UT PERFORMED IN LIEU OF PT.
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40T		X	•	-	
			PT	SEE REMARKS				•
								PL-3.0-CSCL-4-DCC
								·
004300	2-RPV-3-01	B-P	AUTCI ICAO	DCC-AUT14/1/0/1	v			CURT ITT BEREARING IN LINE AS AN
004100	NOZZLE TO SAFE-END "HOT LEG"	B5.10	AUTSLIC40T		X	•	•	SWRI - UT PERFORMED IN LIEU OF PT.
•	Honna to out n-run Hot and	23.10	PT	SEE REMARKS	^	_	-	
			••					**PL-3.0-CSCL-4-DCC**
			•					12 000 002 1 000
		*						
200	2-RPV-3-02	B-F	AUTSLIC40	DCC-AUT14/1/0/1	x	-	-	SWRI - UT PERFORMED IN LIEU OF PT.
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC4 OT		x	-	- '	
			PT	SEE REMARKS				
								PL-3.0-CSCL-4-DCC
	5 BBU 4 A4		h					
004300	2-RPV-4-01 NOZZLE TO SAFE-END *HOT LEG*	B-F B5.10		DCC-AUT14/1/0/1		-	-	SWRI - UT PERFORMED IN LIEU OF PT.
	NOZZEE TO SAFE-END "HOT LEG"	85.10	AUTSLIC40T	SEE REMARKS	X	-	•	
			PI	SEE REMARKS				**PL-3.0-CSCL-4-DCC** .
								: D-3: 0-C3CD-4-DCC •
	•							
004400	2-RPV-4-02	B-F	AUTSLIC40	DCC-AUT14/1/0/1	x	_		SWRI - UT PERFORMED IN LIEU OF PT.
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40T		X	-	-	
			PT	SEE REMARKS				

PL-3.0-CSCL-4-DCC

PAGE:

8

REACTOR INTERNALS AND CORE BARREL/FORMER PLATE BOLT EXAMINATIONS

A remote visual examination was performed on the normally accessible areas of the reactor upper and lower internals in accordance with 83S83 Section XI. The examination revealed no recordable indications.

A special remote visual examination was performed on the 160 core barrel/former plate bolts on the top and bottom former plates which is located behind the thermal shield. The examination was performed due to non-functional bolts found in Unit 1 reactor vessel lower internals during the 1995 Unit 1 refueling outage. Special examination tooling was designed and fabricated to perform the examination due to very limited clearance between the core barrel wall and the thermal shield. No discrepant bolts were found during the examination.

EXAMINATION OF CLASS 1 AND CLASS 2 COMPONENTS

Inservice examinations were performed during the period of December 12, 1994 through May 9, 1996. All examinations were in accordance with ASME Section XI, 1983 Edition through 1983 Summer Addenda.

Examinations were scheduled and performed according to the Second Ten-Year Long Term Inservice Examination and Testing 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, which identifies specific activities to be performed on a refueling outage basis.

Manual nondestructive examinations were performed by Southwest Research Institute (SwRI), MQS Inspections and American Electric Power (AEP) personnel in accordance with procedures which were approved for use at the Cook Nuclear Plant. SwRI performed the required volumetric ultrasonic examinations and surface examination if one was needed in addition to the volumetric examination. MQS and AEP personnel performed all other surface and visual examinations.

The inside surface of the pressurizer skirt weld was examined by the ultrasonic method in lieu of the surface examination required by code due to access restrictions and high radiation exposure. The alternative method was demonstrated to the satisfaction of the Authorized Nuclear Inspector in accordance with ASME Section XI IWA-2240.

The recordable indications found by surface and volumetric examinations were evaluated by the allowable standards provided in ASME Section XI.

Snubber examinations and functional testing were performed in conjunction with maintenance procedures for technical specification surveillance of snubbers.

AEP personnel performed VT-3/VT-4 visual examinations on ISI component supports. Design sketch nonconformances and other discrepancies found were evaluated by AEPSC Nuclear Engineering . All discrepant pipe supports and associated systems met

operability limits. However, some of the pipe supports were or will be repaired or modified to be in accordance with the original design intent.

The summary pages in this section lists the examinations, tests performed and results. In the following summary pages, "NOREC" is no recordable indications, "GEOM" is geometric indications, and "OTHER" are indications other than geometric indications.

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

PAGE:

EXAM DUE TO FLANGE CONFIGURATION AND

HEAD LIFTING LUG.

12

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

N 0 ASME OGT SEC. XI SUMMARY EXAMINATION AREA CATGY EXAM E O E REMARKS NUMBER IDENTIFICATION C M R · ITEM NO METHOD PROCEDURE **CALIBRATION BLOCK** CLOSURE HEAD TO FLANGE WELD (FIG NO A-2) 001900 2-CHC-01 MT DCC-MT1/0/0/0 X - - EXAMINED 151" FROM STUD HOLE NO. 53 TO HEAD TO FLANGE B1.40 UTOL DCC-UT150/3/0/0 X - -STUD HOLE NO. 15 (390" TO 4"). LIMITED

UTOW

UT45

x - -

x - -

UT60T X - -

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

REACTOR	PRESSURE	VESSEL	AND	CLOSURE	HEAD

					N		0	•
		ASME			0	G	T	
		SEC. XI			R	E	н	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
NUMBER	IDENTIFICATION .	ITEM NO	METHOD	PROCEDURE	¢	M	R	**CALIBRATION BLOCK**
			•••••		•	•	-	***************************************
	REACTOR VESSEL PENETRATIONS (FIG NO A-3)							
003550	LOWER HEAD PENETRATIONS 58 PENETRATIONS	B-E B4.13	VT-2	120HP5070ISI050	x	•	•	J.O. C28907/02 - PERFORMED DURING SYSTEM LEAKAGE TEST PER CC N498-1.
	ĸ			' * ×				
	REACTOR VESSEL PENETRATIONS (F	IG NO A-2	<u>)</u>					
003600	CLOSURE HEAD CRD PENETRATIONS 78 PENETRATIONS	B-E B4.12	VT-2	120HP5070ISI050	x	-	•	J.O. C28907/29 - PERFORMED DURING SYSTEM LEAKAGE TEST PER CC498-1.
								•
003610	CLOSURE HEAD VENT LINE 1 PENETRATION	B-E B4.11	VT-2	120HP5070ISI050	x	-	-*	J.O. C28907/29 - PERFORMED DURING SYSTEM LEAKAGE TEST PER CC498-1.

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

OR PRESSURE VESSEL AND CLOSURE HEAD

N ASME G T SEC. XI Е Н

CATGY EXAM E O E REMARKS

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

RPV INTERIOR SURFACES AND CORE SUPPORT STRUCTURES

006010 RPV UPPER INTERNALS & SURFACES B-N-1 VT-3 DCC-VT7/0/0/0 SWRI AND MASTER-LEE/FRAMATOME x - -

AREAS ACCESSIBLE DURING NORMAL B13.10 12EHPSP025

REFUELING

006021 RPV-CS-LUGS 1 THROUGH 6 B-N-2 VT-3 DCC-VT7/0/0/0 SWRI

CORE SUPPORT LUGS B13.60

006040 2-RPV CORE SUPPORT STRUCTURE B-N-3 ' VT-3 12EHPSP025 MASTER-LEE/FRAMATOME - AUGMENTED

(WHEN REMOVED) B13.70 INSPECTION ON A AND H LEVEL FORMER

BOLTS.

CONTROL ROD DRIVE HOUSING WELDS

CONTROL ROD DRIVE HOUSING WELD B-O 12QHP5050NDE001 J.O. C28907/29 - PERFORMED EXAMS ON

78 WELDS B14.10 CONTROL ROD DRIVE NOS. 38, 40, 43, 47,

66, 67, 70 AND 71 (10%).

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

PRESSURIZER (FIGURE A-4)

0 N ASME OGT

SEC. XI REH SUMMARY EXAMINATION AREA CATGY EXAM E O E REMARKS

NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS

006970 14"-2-RC-21 B-D MT DCC-MT1/0/0/0 x - -SWRI - LIMITED EXAM DUE TO NOZZLE

x -SURGE NOZZLE TO LOWER HEAD B2.2 UTOL DCC-UT49/2/2/0 CONFIGURATION AND HEATER CONNECTIONS.

UTOW X UT45 DCC-UT15/3/1/0 x -

UT45T . . . x - -**PL-3.0-CSCL-4-DCC**

UT60 x - -

TTGOT Y - -

NOZZLE INSIDE RADIUS SECTIONS

007500 14*-2-RC-21-IRS B-D UT28 DCC-UT11/2/1/0 X - - SWRI

SURGE NOZZLE TO LOWER HEAD B3.120

IR-CS-33-DCC

PAGE -

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HEATER_CONNECTIONS/INSTRUMENT_AND_SAMPLE PENETRATI

007600 PRZ HEATER WELL PENETRATIONS B-E VT-2 120HP5070ISI050 X - - J.O. C28907/29 - PERFORMED DURING SYSTEM

78 PENETRATIONS B4.20

LEAKAGE TEST PER CC N498-1.

007700 PRZ INSTRUMENT AND SAMPLE NOZZ B-E VT-2 120HP5070ISI050 X - - J.O. C28907/29 - PERFORMED DURING SYSTEM

9 PENETRATIONS LEAKAGE TEST PER CC N498-1.

NOZZLE TO SAFE-END AND SAFE-END TO NOZZLE WELDS

008500 2-PRZ-26 B-F DCC-PT1/1/0/0 PT X - - SWRI - LIMITED EXAM DUE TO WELDED LUGS

B5.40 ° SAFE-END TO NOZZLE UT45 DCC-UT31/2/1/1 x - -AND NOZZLE CONFIGURATION.

> UT45T x - -

UT45RL x - -

UT45TRL X - - **3378032 (14-SS-160-1.40)**

LOWER HEAD TO SUPPORT SKIRT WELD

008505 2-PRZ-20 B-H UT38 DCC-UT14/0/0 - X - SWRI - MT ON OUTSIDE SURFACE PERFORMED

VESSEL SUPPORT B8.20 UT38T X - - IN 1990 OUTAGE. UT PERFORMED ON INNER

SURFACE IN LIEU OF MT DUE TO

ACCESSIBILITY. **PL-1.5-CS-78**

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

STEAM GENERATOR NO. 21 (FIGURE A-5)

					N		0	•
	•	ASME			0	G	T	
		SEC. XI	:		R	E	н	
· SUMMARY	EXAMINATION AREA	CATGY	EXAM	J	E	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	М	R	**CALIBRATION BLOCK**
	••••			•••••	-	-	-	•••••
	CIRCUMFERENTIAL WELDS					1		•
008600	STM-21-01	B-B	UTOL	DCC-UT49/2/2/0	x		-	SWRI - LIMITED EXAM DUE TO WELDED
	LOWER HEAD TO TUBE SHEET	B2.40	UTOW	•	x	-	-	INSULATION PADS.
	•		UT45	DCC-UT15/3/1/0	x	-	-	
			UT45T	•	x	-	-	
			UT60		x	-	-	**RV-3/DCC-41**
			UTGOT	•	X	-	-	

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

STEAM GENERATOR NO. 22 (FIGURE A-5)

1				N		0	
	ASME			0	G	T	
	SEC. XI			R	E	H	
EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	М	R	**CALIBRATION BLOCK**
				-	-	-	
							•
CIRCUMFERENTIAL WELDS							
STM-22-01	R-B	ITTOI.	DCC-ITT49/2/2/0	¥		_	SWRI - LIMITED EXAM DUE TO WELDED
			DCC-0143/2/2/0				INSULATION PADS.
DONER READ TO TOBE SREET	52.40						INSULATION PADS.
3		UT45	DCC-UT15/3/1/0	X	-	-	
•		UT45T		X	-	-	
		UT60	4 .	X	•	-	**RV-3/DCC-41**
	CEXAMINATION AREA IDENTIFICATION CIRCUMFERENTIAL WELDS STM-22-01 LOWER HEAD TO TUBE SHEET	ASME SEC. XI EXAMINATION AREA CATGY IDENTIFICATION ITEM NO CIRCUMFERENTIAL WELDS STM-22-01 LOWER HEAD TO TUBE SHEET B2.40	ASME SEC. XI S	ASME SEC. XI EXAMINATION AREA IDENTIFICATION ITEM NO METHOD PROCEDURE CIRCUMFERENTIAL WELDS STM-22-01 LOWER HEAD TO TUBE SHEET B2.40 UT04 UT45 DCC-UT15/3/1/0 UT45T	ASME O O SEC. XI R R EXAMINATION AREA CATGY EXAM E IDENTIFICATION ITEM NO METHOD PROCEDURE C CIRCUMFERENTIAL WELDS STM-22-01 B-B UTOL DCC-UT49/2/2/0 X LOWER HEAD TO TUBE SHEET B2.40 UTOW X UT45 DCC-UT15/3/1/0 X UT45T X	ASME O G SEC. XI R E CEXAMINATION AREA CATGY EXAM E O IDENTIFICATION ITEM NO METHOD PROCEDURE C M CIRCUMFERENTIAL WELDS STM-22-01 B-B UTOL DCC-UT49/2/2/0 X - LOWER HEAD TO TUBE SHEET B2.40 UTOW X - UT45 DCC-UT15/3/1/0 X - UT45T X -	ASME SEC. XI R E H EXAMINATION AREA CATGY EXAM E O E IDENTIFICATION ITEM NO METHOD PROCEDURE C M R CIRCUMFERENTIAL WELDS STM-22-01 B-B UTOL DCC-UT49/2/2/0 X LOWER HEAD TO TUBE SHEET B2.40 UTOW X UT45 DCC-UT15/3/1/0 X UT45T X

UT60T

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

STEAM GENERATOR NO. 23 (FIGURE A-5)

N 0 ASME 0 G T SEC. XI R E H SUMMARY EXAMINATION AREA CATGY EXAM E O E REMARKS ' ITEM NO METHOD C M R NUMBER IDENTIFICATION PROCEDURE **CALIBRATION BLOCK** CIRCUMFERENTIAL WELDS 010400 STM-23-01 B-B UTOL DCC-UT49/2/2/0 x - -SWRI - LIMITED EXAM DUE TO WELDED LOWER HEAD TO TUBE SHEET WOTU x - -INSULATION PAD. B2.40 UT45 DCC-UT15/3/1/0 x - -

٠ - -

x - -

x - -

RV-3

UT45T

UT60

UT60T

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COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

PAGE:

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

CTEAM	GENERATOR	NO.	24	(FIGURE	A-51	

N ٥ OGT ASME SEC. XI REH SUMMARY EXAMINATION AREA CATGY E O E EXAM REMARKS NUMBER IDENTIFICATION PROCEDURE C M R **CALIBRATION BLOCK** ITEM NO METHOD NOZZLE INSIDE RADIUS SECTIONS 011400 STM-24-I-IRS B-D UT35 DCC-UT11/2/1/0 SWRI - LIMITED EXAM DUE TO WELDED INLET NOZZLE INSIDE B3.140 INSULATION PADS. RADIUSSECTION **IR-CSCL-24-DCC** 011500 STM-24-0-IRS B-D **UT35** DCC-UT11/2/1/0 X - -SWRI - LIMITED EXAM DUE TO WELDED OUTLET NOZZLE INSIDE RADIUS B3'.140 INSULATION PADS.

SECTION

IR-CSCL-24-DCC

NOZZLE TO ELBOW AND ELBOW TO NOZZLE WELDS

1600 STM-24-02 B-F DCC-PT1/1/0/0 x - -SWRI - FULL VOLUMETRIC EXAMINATION DUE ELBOW TO INLET NOZZLE B5.70 UT45RL DCC-UT33/2/1/1 - x -TO NRC COMMITMENT. LIMITED EXAM DUE TO UT45TRL X - - NOZZLE CONFIGURATION. **CSS/CCS-MOCKUP-36-DCC** 011700 STM-24-03 B-F PT DCC-PT1/1/0/0 x - -SWRI - FULL VOLUMETRIC EXAMINATION DUE OUTLET NOZZLE TO ELBOW B5.70 UT45RL DCC-UT33/2/1/1 TO NRC COMMITMENT. LIMITED EXAM DUE TO

> UT45TRL NOZZLE CONFIGURATION.

CSS/CCS-MOCKUP-36-DCC

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COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS PAGE:

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL CLASS 1 COMPONENTS

~		
REACTOR	COOLANT	SYSTEM

REACTOR	COOLANT SYSTEM		•					
					N		0	
		ASME				G	_	•
		SEC. XI				E		*
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	M	R	**CALIBRATION BLOCK**
				•••••	-	-	-	
	LINE 2-RC-17 (FIG NO A-6)							•
014000	2-RC-17-01N	B-J	PT	DCC-PT1/1/0/0	x		-	SWRI - LIMITED EXAM DUE TO BRANCH
	6-IN. NOZZLE (BRANCH	B9.31	UTOL	DCC-UT49/2/2/0	X	•	-	CONNECTION CONFIGURATION.
	CONNECTION)		`UT45	DCC-UT56/0/0/0	x	•	-	
			UT60		X	-	-	
		-	UT34T	* • •	x	•	•	**BC-6/27.5-29-SS-42-DCC**
015800	2-RC-17-08N	B-J	PT	DCC-PT1/1/0/0	¥		_	SWRI - LIMTED EXAM DUE TO BRANCH
013000		B9.31	UTOL	DCC-UT49/2/2/0		-		CONNECTION CONFIGURATION.
	10-IN. NOZZLE (BRANCH CONNECTION)	D7.31	UT45					CONNECTION CONFIGURATION.
	CONNECTION			DCC-UT56/0/0/0		-		
			UT60					4475 44/65 5 65 45 Page 4
	T.		UT38T		х	•	•	**BC-10/27.5-SS-43-DCC**
016200	2-RC-17-12	B-J	PT	DCC-PT1/1/0/0	x		-	SWRI - LIMITED EXAM DUE TO NOZZLE
	ELBOW TO SAFE-END	B9.11	UT45RL	DCC-UT33/2/0/0	х		-	SAFE-END CONFIGURATION.
			UT45TRL		х	_	_	
			ī	•				**37-CCSS-X-3.0-9-DCC**
			•					•
	LINE 2-RC-18 (FIG NO A-7)							
017000	2-RC-18-03N	B-J	PT	DCC-PT1/1/0/0	x	-	_	SWRI - LIMITED EXAM DUE TO BRANCH
	14-IN. NOZZLE (BRANCH	B9.31	UTOL	DCC-UT49/2/2/0				CONNECTION CONFIGURATION.
	CONNECTION)		UT45	DCC-UT56/0/0/0		x		
			UT60	200 0001, 1, 1, 1				
			UT40T			_		**29-SS-44-DCC**
							•	
	LINE 2-RC-19 (FIG NO A-8)							
019200	2-RC-19-01	B-J	PT	DCC-PT1/1/0/0	v	_		SWRI - LIMITED EXAM DUE TO NOZZLE
017200	SAFE-END TO PIPE	B9.11.						
	SAFE-END TO FIFE	B9.11.	UT45RL	DCC-UT33/2/1/0			•	SAFE-END CONFIGURATION.
			UT45TRL		X	-	•	**37-CCSS-X-3.0-9-DCC**
μ ⁴								
	LINE 2-RC-22 (FIG NO A-11)							•
406565								
026866	2-RC-22-14	B-J	PT	DCC-PT1/1/0/0		-		SWRI
	PIPE TO REDUCER	B9.11	UT45	DCC-UT31/2/1/0		-		
			UT45T			-		
	•		UT60		x	-	•	
								3378027 (4-SS-120430)

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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KEACTOR COOLANT SYSTEM

REACTOR	COOLANT SYSTEM			•				
					N		0	•
	•	asme	_		0	G	T	
		SEC. XI	•			E		
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
NUMBER	IDENTIFICATION .	item no	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
					-	-	-	
					-			
	LINE 2-RC-512 (FIG NO A-24)							
058400	2-RC-512-01	B-J	PT	12OHPSOSONDEOO1	X	-	-	J.O. C28907/11
	BRANCH CONNECTION TO PIPE	B9.40						
	•							
				* • •				
	2-RC-512-02	B-J	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
1	PIPE TO ELBOW	B9.40						
			•					•
058600	2-RC-512-03	B-J	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	ELBOW TO PIPE	B9.40						•
			,					¥
058700	2-RC-512-04	B-J	PT	12QHP5050NDE001	x	-	-	J.O. C28907/11
	PIPE TO ELBOW	B9.40						
•								•
050000	2-RC-512-05	В-J	PT		••			T
030000	ELBOW TO PIPE	B9.40	PI	12QHP5050NDE001	*	•	•	J.O. C28907/11
	ETPON 10 FIFE	57.40						
							•	
058900	2-RC-512-06	B-J	PT	12QHP5050NDE001	¥	_	_	.T.O. C28907/11
454544	PIPE TO ELBOW	B9.40	••	T#WILDODONDEGOT	^	_	_	0.0. (20)0//11
	1112 10 2220	22110						
								•
	•						•	
059000	2-RC-512-07	B-J	PT	12QHP5050NDE001	x			J.O. C28907/11
	ELBOW TO PIPE	B9.40			••			0.01 00077.,22
		·•						
059100	2-RC-512-08	B-J	PT	12QHP5050NDE001	X	_	-	J.O. C28907/11
	PIPE TO ELBOW	B9.40						·
	•							

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

PAGE:

CLASS 1 COMPONENTS

PEACTOR COOLANT SYSTEM

REACTOR	COOLANT SYSTEM		•					-
				λ	N		0	*
		ASME			0	G	T	
		SEC. XI			R	E	н	
SUMMARY	EXAMINATION AREA	CATGY -	EXAM		E	0	E	REMARKS
•		ITEM NO		PROCEDURE	С	м	R	**CALIBRATION BLOCK**
	,					-	. •	
	•							•
	LINE 2-RC-512 (FIG NO A-24)							•
	LINE 2-RC-512 (FIG NO A-24)							
					v			7.0. (000007/11
059200	2-RC-512-09	B-J	PT	12QHP5050NDE001	х	-	-	J.O. C28907/11
	ELBOW TO PIPE	B9.40						
				h ,				
059300	2-RC-512-10	B-J	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	PIPE TO VALVE	B9.40						
								•
050400	2-RC-512-11	B-J	PT	12QHP5050NDE001	¥	_	_	T 0 C28907/11
	VALVE TO PIPE			TEGUESOSONDEOOT	^	_	_	0.0. 020507/11
•	VALVE TO PIPE	B9.40						•
								•
059500	2-RC-512-12	B-J	PT	12QHP5050NDE001:	X	-	•	J.O. C28907/11
	PIPE TO ELBOW	B9.40						
, ·				•			•	
	LINE 2-RC-513 (FIG NO A-25)							
064400	2-RC-513-17	B-J	PT	120HP5050NDE001	x	-	-	J.O. C28907/11
	PIPE TO TEE	B9.40		•				•
				•				
065000	2-RC-513-22	B-J	PT	12QHP5050NDE001	v	_	_	T 0 C20007/11
065000			PI	12045020405001	^	•	•	0.0. C28907/11
	TEE TO PIPE	B9.40						
			`					
	`							
065100	2-RC-513-23	B-J	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	PIPE TO MANIFOLD	B9.40						
			* A					
065200	2-RC-513-24	B-J	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	MANIFOLD TO PIPE	B9.40						

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL CLASS 1 COMPONENTS

REACTOR COOLANT SYST	EM
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REACTOR	COOLANT SYSTEM							
					N		0	•
		ASME			_	G	-	
	-	SEC. XI			R	E	н	
	EXAMINATION AREA	CATGY	EXAM			0		REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	M	R	**CALIBRATION BLOCK**
	***************************************			***************************************	•	-	-	***************************************
1 -								
d	LINE 2-RC-513 (FIG NO A-25)							
0/5300	2 PG 512 25							
065300	2-RC-513-25 PIPE TO ELECW	B-J B9.40	PT	12OHP5050NDE001	X	•	-	3.0. C28907/11
	FIFE TO ELECT	B7.40						
							,	
				3. s. s.				
065400	2-RC-513-26	B-J	PT	120HP5050NDE001	Y	_	_	J.O. C28907/11
******	ELBOW TO PIPE	B9.40	••	114.11.24241.000	^			0.0. 620307712
-		23110		-				
				¥				
065500	2-RC-513-27	B-J	PT	12QHP5050NDE001	x	-	-	J.O. C28907/11
	PIPE TO REDUCER	B9.21						•
•			-					•
								ب بر
	LINE 2-RC-518 (FIG NO A-30)							
700	2-RC-518-15	B-J	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	VALVE TO PIPE	B9.40						
080800	2-RC-518-16	B-J	PT	12QHP5050NDE001	v			7.0. (220027/33
00000	PIPE TO ELBCW	B9.40	FI	120452020405001	^	•	•	J.O. C28907/11
		27.40						
	Ç							•
080900	2-RC-518-17	B-J	PT	12QHP5050NDE001	x			J.O. C28907/11
	ELBOW TO PIPE	B9.40						• **
	•							
								•
	2-RC-518-19	B-J	PT	12QHP5050NDE001	x	-	-	J.O. C28907/11
	PIPE TO TEE	B9.40						
001100	2-20-510-10							
	2-RC-518-19	B-J	PT	12QHP5050NDE001	Х	-	•	J.O. C28907/11
	TEE TO REDUCER	B9.40			,	•		

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

PAGE:

CLASS 1 COMPONENTS

REACTOR COOLANT SYSTEM

					N		0	
		ASME			0	G	T	
		SEC. XI			R	E	н	
SUMMARY	EXAMINATION AREA	CATGY	EXAM			0		REMARKS
		ITEM NO		PROCEDURE		м		***CALIBRATION BLOCK**
		•••••				-		***************************************
	LINE 2-RC-518 (FIG NO A-30)							
	4							
081200	2-RC-518-20	B-J	PT	12QHPS050NDE001	x	_	_	J.O. C28907/11
	TEE TO PIPE	B9.40		-				
	-							
				٠,				•
081300	2-RC-518-21	B-J	PT	12QHP5050NDE001	x		-	J.O. C28907/11
	PIPE TO MANIFOLD	B9.40						
	•			,				
		•		•				
081700	2-RC-518-25	B-J	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	PIPE TO TEE	B9,40		•				-
		,						-
081800	2-RC-518-26	B-J	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	TEE TO REDUCER	B9.40						
				¥				
						-		,
	•	,					,	
081900	2-RC-518-27	B-J	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	TEE TO PIPE	B9.40						
	*							ч
082000	2-RC-518-28	B-J	PT	12QHP5050NDE001	X	-	•	J.O. C28907/11
	PIPE TO ELBOW	B9.40						
							•	•
	2 22 510 20							
082100	2-RC-518-29	B-J	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	ELBOW TO PIPE	B9.40						
		•						•
				•				
082200	2-RC-518-30	B-J	PT	1200050505000000	v			T.O. 620007/33
V022VV	PIPE TO FLANGE	B-0 B9.40	P.L	12QHP5050NDE001	X	•	•	J.O. C28907/11
	TALE TO LEMNO	<i></i>						

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COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

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\sim		
ACTOR	COOLANT	SYSTEM

MEACTOR	COOLANT SYSTEM							
					N		0	
		ASME			0	G	T	•
		SEC. XI			R	E	н	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		Ε	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
			**********			•		***************************************
	·							
	LINE 2-RC-518 (FIG NO A-30)			•				
	•							
082400	2-RC-518-31	B-J	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	FLANGE TO PIPE	B9.40						
						•		
				^				
	LINE 2-RC-519 (FIG NO A-31)							
084800	2-RC-519-17	B-J	PT	12QHP5050NDE001	X	•	-	J.O. C28907/11
	PIPE TO TEE	B9.40						
	•							,
								3
084900	2-RC-519-18	B-3	PT	120110505010000	v			7.0. 000000/44
004300	TEE TO PIPE	B9.40	PI	12QHP5050NDE001	χ.	-	-	J.O. C28907/11
	100 10 1112	67.40						
				-				
5000	2-RC-519-19	B-J	PT	120HP5050NDE001	x			J.O. C28907/11
	PIPE TO VALVE	B9.40	•					
								, A
085100	2-RC-519-20	B-J	PT ·	12QHP5050NDE001	X	-	-	J.O. C28907/11
	VALVE TO PIPE	B9.40						
			•					
							•	
085200	2-RC-519-21	B-J	PT .	12QHP5050NDE001	X	-	•	J.O. C28907/11
	PIPE TO FLANGE	B9.40						
								•
								•
085400	2-RC-519-22	B-J	PT	120000000000000000000000000000000000000	v			7.0. (200.007/3)
*******	TEE TO PIPE	B9.40	£.1	12QHP5050NDE001	٨	•	•	J.O. C28907/11
	/							

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COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

SAFETY INJECTION SYSTEM

N O ASME O G T

SEC. XI REH

SUMMARY EXAMINATION AREA CATGY EXAM E O E REMARKS
NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLO

NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

LINE 2-SI-58 (FIG NO A-35)

095300 2-SI-58-06 B-K-1 PT 12QHP5050NDE001 X - - J.O. C28907/11

COLLAR TO PIPE B10.10

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

SUMMARY EXAMINATION AREA

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

CHEMICAL AND VOLUME CONTROL SYSTEM

N ASME OGT SEC. XI

R E H CATGY EXAM E O E REMARKS

C M R NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE **CALIBRATION BLOCK**

LINE 2-CS-119 (FIG NO A-46)

129600 2-CS-119-12 B-J PT 12QHP5050NDE001 X - - J.O. C28907/11

PIPE TO PIPE B9.21

LINE 2-CS-121 (FIG NO A-48)

137200 2-CS-121-10 12QHP5050NDE001 X - - J.O. C28907/11 B-J PT

PIPE TO BRANCH CONNECTION B9.21

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FLANGE BOLTING

B7.70

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

			-					
VALVE P	RESSURE RETAINING BOLTING (2" A	ND LESS)		,				
					N		0	•
		ASME			0	G	T	•
		SEC. XI		•	R	E	H	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
				**********	-	-	-	•••••
	LINE 2-SI-57 (FIG NO A-34)							
220700	SI-170-L2	B-G-2	VT-1	120HP5050NDE006	x	-	_	J.O. C28907/11
	FLANGE BOLTING	B7.70						•
				• •				
	LINE 2-SI-59 (FIG NO A-36)							
221200	SI-170-IA	B-G-2	VT-1	12QHP5050NDE006	x	٠.		J.O. C28907/11
	FLANGE BOLTING	B7.70						
								•
		-						*
	LINE 2-SI-63 (FIG NO A-40)				-			
221800	SI-158-L2	B-G-2	VT-1	12QHP5050NDE006	x	-	•	J.O. C28907/11

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

WALWORTH MOTOR-OPERATED GATE VALVES (8 * NOMINAL)

ASME O G T

SEC. XI REH

SUMMARY EXAMINATION AREA CATGY EXAM E O E REMARKS

NUMBER IDENTIFICATION . ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

LINE 2-SI-60 (FIG NO A-37)

225300 SI-IMO-315 B-M-2 VT-3 120HP5050NDE006 X - - J.O. C28493/04

VALVE BODY INTERNAL SURFACE B12.50

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

UT60T

CLASS 2 COMPONENTS

STEAM GENERATOR NO. 24 (FIGURE B-4)

		······································									
						•	1	N		0	
		•	14	ASME				0	G	T	
				SEC. XI			1	R	E	н	
	SUMMARY	EXAMINATION AREA		CATGY	EXAM		1	E	0	E	REMARKS
;	NUMBER	IDENTIFICATION	•	ITEM NO	METHOD	PROCEDURE	•	С	M	R	**CALIBRATION BLOCK**
		***************************************		•••••				-	-	-	•••••••
		CIRCUMFERENTIAL WELDS									
	300390	STM-24-10		C-A	UTOL	DCC-UT49/2/2/0				x	SWRI - LIMITED EXAM DUE TO WELDED
	,	SHELL TO HEAD		C1.20	UTOW	DCC-UT15/3/1/1	:	X	•	-	INSULATION PADS. ONE CODE ALLOWABLE
		<i>€</i>			UT45		:	X	:	-	LAMINAR REFLECTOR.
-		· ·			UT45T		:	X	-	-	•
		,			UT60	• •	:	X	-	-	**PL-3.0-CS-22-DCC**

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

CHEMICAL AND VOLUME CONTROL TANK (FIGURE B-6)

N C

ASME O G T SEC. XI R E H

SUMMARY EXAMINATION AREA CATGY EXAM E O E REMARKS

NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

INTEGRALLY WELDED VESSEL SUPPORTS

300670 2-CVCT-2VS-10, 11, & 12 C-C PT 120HP50S0NDE001 X - - J.O. C28959/07

C3.10

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COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

CTS HEAT EXCHANGER EAST (FIGURE 8-7)

N O ASME O G T

SEC. XI R E H

SUMMARY EXAMINATION AREA CATGY . EXAM E O E REMARKS

NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS

300674 E-CTSHEX-OUT C-B PT 12QHP5050NDE001 X - - J.O. C28959/07

SHELL TO NOZZLE C2.11

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

BORON INJECTION TANK (FIGURE B-9)

N O ASME O G T

SEC. XI RE

SUMMARY EXAMINATION AREA CATGY EXAM E O E REMARKS

NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

INTEGRALLY WELDED VESSEL SUPPORTS

300930 2-BIT-VS-4 C-C MT 12QHP5050NDE002 X - - J.O. C28959/07

C3.10

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315935 2-RH-31-10F-PS

PIPE SUPPORT

COOK NUCLEAR PLANT UNIT 2
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

PAGE: 34

-			C.20	00 E 00:11 01:121:12				
EMERGEN	CY CORE COOLING							
					N		0	
		ASME				G		
		SEC. XI				E		
SUMMARY	EXAMINATION AREA	CATGY	EXAM		_	_	E	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
					-	-	٠.	
		••						
	LINE 2-SI-62 (FIG NO B-19 & B-	2)						
311940	2-SI-62-02S	C-F	PT	DCC-PT1/1/0/0	x		-	SWRI
•	PIPE TO ELBOW	C5.21	UT45	DCC-UT31/2/1/0	-	x	-	,
	•		UT45T		X	-	-	
			UT60		-	x	-	
			UTGOT	,	X	-	-	**3378029 (8-SS-16081)**
								•
	•							
	LINE 2-SI-77 (FIG NO B-22)			•				
			PT	120025050505001	v			J.O. C28907/11 - LIMITED EXAM DUE TO
312450	2-SI-77-02S-PL 1 THROUGH 4 PIPE LUG	C-C C3.20	PI	TZQRPSOSOND&QOT	^	-	•	SUPPORT STRUCTURE INTERFERENCES.
	PIPE BOS							SUFFORE STRUCTURE INTERFERENCES.
				•				
	LINE 2-RH-19 (FIG NO B-31)							
		•						•
4660	2-RH-19-26F	C-F	PT	12QHP5050NDE001	X	-	-	J.O. C28959/07
	PIPE TO ELBOW	C5.11						
				•				
	k.			,				

	LINE 2-RH-21 (FIG NO B-33)							
315330	2-RH-21-27S	C-F	'PT	DCC-PT1/1/0/0	x	-	-	SWRI
	ELBOW TO PIPE	C5.21	UTOL	DCC-UT49/2/2/0	x	-	-	
			UT45	DCC-UT31/2/1/0	-	x	-	
			UT45T		X	•	-	
								3378029 (8-SS-16081)
								•
	LINE 2-RH-31 (FIG NO B-37 & B-	<u>3)</u>		N.				·
			-					. *

12QHP5050NDE001 X - - J.O. C28907/11

C-C PT

C3.20

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COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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10-SS-40-.365-26-DCC

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

CONTAINMENT	SPRAY	SYSTEM

•	CONTAIN	MENT SPRAY SYSTEM							
						N		0	
			ASME			0	G	T	
		•	SEC. XI		•	R	E	Н	
	SUMMARY	EXAMINATION AREA	CATGY	EXAM		Ε	0	E	REMARKS
1	NUMBER	IDENTIFICATION .	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
				************					,
			,						
		LINE 2-CTS-10 (FIG NO B-44)							
					p ^p				
	316540	2-CTS-10-12F	C-F	PT	DCC-PT1/1/0/0	x	-	-	SWRI - LIMITED EXAM DUE TO VALVE
		VALVE TO PIPE	C5.11	UTOL	DCC-UT49/2/2/0	x	-	_	CONFIGURATION.
				UT45	DCC-UT35/2/1/0		:	-	
				UT45T	,,,		-	-	
				-	• •				**10-SS-40365-26-DCC**
									1
		LINE 2-CTS-11 (FIG NO B-45)							
:	316970	2-CTS-11-22S	C-P	PT	12QHP5050NDE001	x	_	_	J.O. C28959/07
		ELBOW TO PIPE	C5.11			••			0.0. 62033370.
		220 10 1112							•
			•						
		•			r				
		LINE 2-CTS-13 (FIG_NO_B-47)			•				
		21.0 0 0.0 17 (.10 1.0 5-17)							
	¥7360	2-CTS-13-09S	C-F	PT	DCC-PT1/1/0/0	v	_	_	SWRI
A	7	TEE TO ELBON	C5.11	UTOL -	DCC-UT49/2/2/0		:		SAKI
4			03.11	UT45	DCC-UT35/2/1/0				4
		•	,	UT45T	DCC-0135/2/1/0		-		
				01451		^	•	•	**** OO 40 DCC OC DOO:
									10-SS-40365-26-DCC
				-					
		LINE_2-CTS-14 (FIG NO B-48)							
		2110 2-013-14 (110 NO D-40)		•			'		
	317660	2-CTS-14-01F	C-F	PT	120HP5050NDE001	v	-	•	J.O. C28959/07
•	,,,,,,,	NOZZLE TO REDUCER	C5.11	FI	120030000001	^	•	•	J.O. C28959/07
		NOBBB TO REDUCER	CJ.11	•					
									•
	317680	2-CTS-14-03S	C-F	PT	DCC-PT1/1/0/0	v		_	SWRI
•		PIPE TO ELBCW	C5.11	UTOL	DCC-UT49/2/2/0		•		91107
				UT45	DCC-UT35/2/1/0				
			•	UT45T	DCC-0135/2/1/0		•	•	•
				01421		X	-	•	

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

FEEDWATER SYSTEM

SUMMARY EXAMINATION AREA

N 0
ASME 0 G T
SEC. XI R E H

CATGY EXAM E O E REMARKS

NUMBER IDENTIFICATION ' ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

LINE 2-FW-76 (FIG NO B-56)

REDUCER TO ELBOW C5.21 UTOL DCC-UT49/2/2/0 X - - UT45 DCC-UT41/2/1/0 - X -

UT45T . X - -

FW-16-CS-80-.844-45-DCC

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 3 COMPONENTS

CTS HEAT EXCHANGER WEST (FIGURE 8-7A)

ASME O G T SEC. XI R E H

SUMMARY EXAMINATION AREA CATGY EXAM E O E REMARKS

NUMBER IDENTIFICATION . ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

INTEGRALLY WELDED VESSEL SUPPORTS

400050 W-CTSHEX-2VS D-B VT-3 12QHP5050NDE006 X - - J.O. C28959/07

VESSEL SUPPORT D2.20

400060 W-CTSHEX-3VS D-B VT-3 120HP5050NDE006 X - - J.O. C28959/07

VESSEL SUPPORT D2.20

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

: CLASS 1 COMPONENTS

REACTOR COOLANT SYSTEM

604400 2-GRC-R-S65

PIPE SUPPORT COMPONENT

							_	•
A .					N		0	
		ASME			0	G	T	
		SEC. XI	•		R	E	Н	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		Ε	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	M	R	**CALIBRATION BLOCK**
					•	•	-	
	LINE 2-RC-30 (FIG NO A-19)							
601900	2-GRC-R-506	F-B	VT-3	12QHP5050NDE006	x	-	-	J.O. C28907/11
	PIPE SUPPORT COMPONENT	F2.00						
				* * *				
	LINE 2-RC-32 (FIG NO A-21A)							
603000	2-GRC-R-554	F-B	VT-3	12QHP5050NDE006	x	-	-	J.O. C28907/11
	PIPE SUPPORT COMPONENT	F2.00						
*					٠			, .
								•
	LINE 2-RC-34 (FIG NO A-23A)							

12QHP5050NDE006

F-C

F3.00

VT-3

X - - . J.O. C28907/11

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

CHEMICAL AND VOLUME CONTROL SYSTEM

N O ASME O G T

SEC. XI R E H

SUMMARY EXAMINATION AREA CATGY EXAM E O E REMARKS

NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

LINE 2-CS-119 (FIG NO A-46)

609205 2-GCS-R-511 F-B VT-3 120HP5050NDE006 X - - J.O. C28907/11

PIPE SUPPORT COMPONENT F2.00

LINE 2-CS-120 (FIG NO A-47)

609235 2-GCS-R-540 F-C VT-3 120HP5050NDE006 X - - J.O. C28907/11

PIPE SUPPORT COMPONENT . F3.00

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

THE HEAT EXCHANGER WEST (FIGURE B-8A)

ASME O G T

SEC. XI R E H

SUMMARY EXAMINATION AREA CATGY EXAM E O E REMARKS

NUMBER IDENTIFICATION . ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

SUPPORT COMPONENT

700180 W-RHRHEX-SC-2 F-B VT-3 12QHP5050NDE006 X - - J.O. C28959/07

F2.00

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

BORON INJECTION TANK (FIGURE B-9)

ASME O G T

SEC. XI ' R E H

SUMMARY EXAMINATION AREA CATGY EXAM E O E REMARKS

NUMBER IDENTIFICATION . ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

SUPPORT COMPONENT

700220 2-BIT-CS-4 F-B VT-3 12QHP5050NDE006 X - - J.O. C28959/07

F2.00

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

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CLASS 2 COMPONENTS

EMERGENCY	CORE	COOLING

EMERGEN	CY CORE COOLING		-					
					N		0	
		ASME			0	G	T	
		SEC. XI			R	E	H	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	M	R	**CALIBRATION BLOCK**
					-	•	- •	
	•							
	LINE 2-SI-7 (FIG NO B-10)							•
710185	2-GCTS-R-66	F-B	VT-3	12QHP5050NDE006	X	-	-	J.O. C28959/07
	PIPE SUPPORT COMPONENT	F2.00						
				•				
	LINE 2-SI-8 (FIG NO B-11)							
710400	2-GSI-V-112	F-C		12QHP5050NDE006				J.O. C28959/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4		X	-	•	
•	LINE 2-SI-60 (FIG NO B-17 & B-	11						
	BIRE 2-31-00 (FIG NO B-17 & B-	<u></u>						
711560	2-GSI-R-539	F-B	Vr. 3	120HP5050NDE006	v	_	_	7.0 (2280)7/11
711300	PIPE SUPPORT COMPONENT	F2.00	V1-3	12045050406006	^	•	•	0.0. C28907/11
	FIFE SUFFORE COMPONENT	12.00		:				· · · · · · · · · · · · · · · · · · ·
		,						
	LINE 2-RH-14 (FIG NO B-26)							

713060	2-GRH-V-22	F-C	VT-3	12QHP5050NDE006	x	-	_	J.O. C28959/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4			-		
	•							
	LINE 2-RH-16 (FIG NO B-28)							
	•							•
713360	2-GRH-V-15	F-C	VT-3	12QHP5050NDE006	X	-	•	J.O. C28959/07 - LOAD SETTING EXCEEDS 5%
	PIPE SUPPORT COMPONENT	F3.00	VT-4		-	-	x	TOLERANCE. OPERABLE PER DCCNECP202QCN.
								SPRING CAN ADJUSTMENT SHALL BE PERFORMED
x								UNDER A/R A115036.
				•				
	LINE 2-RH-21 (FIG NO B-33)							
714695	2-GSI-R-67		-VT-3	12QHP5050NDE006	-	•	X	J.O. C28959/07 - DESIGN/AS-FOUND
	PIPE SUPPORT COMPONENT	F3.00						DISCREPANCY AND CHIPPED CONCRETE.
		*						ENGINEERING EVALUATION FOUND OPERABILITY
								NOT IMPAIRED AND A/R A115041 INITIATED
								TO REPAIR CHIPPED CONCRETE.

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

PAGE:

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CLASS 2 COMPONENTS

	EMERGENCY	CORE	COOLING
--	-----------	------	---------

				-	N		0	•,
	•	ASME			0	G	T	
		SEC: XI	•		R	E	H	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
NUMBER	IDENTIFICATION .	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
·					•	-	-	
	LINE 2-RH-23 (FIG NO B-35)							
								•
715070	2-GSI-R-55	F-B	VT-3	12QHP5050NDE006	x	-	-	J.O. C28959/07
	PIPE SUPPORT COMPONENT	F2.00		•				•
			,					
				* • •				
715095	2-GSI-V-53	F-C	VT-3	12QHP5050NDE006	¥		_	J.O. C28959/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4					0.0. 02033370.
			•••		^			
	i							
	LINE 2-RH-24 (FIG NO B-36)							
	2.0.2 2 .3. 0. 10.20 .00 2 307							•
715200	2-GRH-V-806	F-C	VT-3	120HP5050NDE006	_	_	Y	J.O. C28959/07 - DESIGN/AS-FOUND
	PIPE SUPPORT COMPONENT	F3.00	VT-4	2#Aut 2020UDE000			-	•
	THE WALLANT POLICANTER		****		^	-	-	
								REVEALED SUPPORT IS ACCEPTABLE AS-IS.

DATE: 08/02/96 REVISION:

COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

PAGE:

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL CLASS 2 COMPONENTS

CONTAINMENT	SPRAY	SYSTEM

716930 2-GCTS-R-24

PIPE SUPPORT COMPONENT

F-B

F2.00

VT-3

N ASME OGT SEC. XI REH SUMMARY EXAMINATION AREA CATGY E O E EXAM REMARKS NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE CMR **CALIBRATION BLOCK** LINE 2-CTS-11 (FIG NO B-45) 715890 2-GCTS-R-33 F-B VT-3 12QHP5050NDE006 X - - J.O. C28959/07 PIPE SUPPORT COMPONENT F2.00 715910 2-GCTS-R-34A F-B VT-3 120HP5050NDE006 - X J.O. C28595/07 - DESIGN/AS-FOUND PIPE SUPPORT COMPONENT F2.00 DISCREPANCY. ENGINEERING EVALUATION REVEALED SUPPORT IS ACCEPTABLE AS-IS. LINE 2-CTS-12 (FIG NO B-46) F-B 716065 2-GCTS-R-17 VT-3 12QHP5050NDE006 X - - J.O. C28959/07 PIPE SUPPORT COMPONENT F2.00 LINE 2-CTS-15 (FIG NO B-49) 716850 2-GCTS-R-22 F-B VT-3 12QHP5050NDE006 X - - J.O. C28959/07 PIPE SUPPORT COMPONENT F2.00

12QHP5050NDE006 X - -

J.O. C28959/07

DATE: 08/02/96 REVISION:

COOK NUCLEAR PLANT UNIT 2

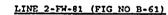
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

PAGE:

FEEDWAT	ER SYSTEM							
					N		0	
		ASME			0	G	T	
		SEC. XI			R	E	н	,
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	М	R	**CALIBRATION BLOCK**
					-	-	-	•••••
	LINE 2-FW-73 (FIG NO B-53)							
752500	2-GFW-R-890	F-B ·	VT-3	12QHP5050NDE006	-	-	x	J.O. C28959/07 - DESIGN/AS-FOUND
	PIPE RESTRAINT COMPONENT	F2.00						DISCREPANCY. ENGINEERING EVALUATION
						•		REVEALED SUPPORT IS ACCEPTABLE AS-IS.
	A			э т •				'
	LINE 2-FW-80 (FIG NO B-60)							
756800	2-GFW-L-836	F-B	VT-3	12QHP5050NDE006	¥	_		.T O C28959/07
	PIPE RESTRAINT COMPONENT	F2.00						0.0. 0.0.00,00
	•							
756900	2-GFW-L-835	F-B	VT-3	120HP5050NDE006	¥	_	_	
	PIPE RESTRAINT COMPONENT	F2.00	·1-5	120013030002000	^	_	_	0.0. (28333707
								()
								y ,# .
		•						•



757100 2-GFW-L-833 F-B **VT-3** 12QHP5050NDE006 X - - J.O. C28959/07

PIPE RESTRAINT COMPONENT F2.00

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 3 COMPONENTS

F2.00

_				/==~m	n
CTS	HEAT	EXCHANGER	WEST	(FIGURE	B-7A)

CIS HEAD	EXCHANGER REST TRIGGRE D-TAT							
					N		0	
	•	ASME			0	G	T	•
		SEC. XI	•		R	E	H	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	Ε	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	M	R	**CALIBRATION BLOCK**
	*************				-	•	-	
	SUPPORT COMPONENT							
762960	W-CTSHEX-SC-2	F-B	VT-3	12QHP5050NDE006	x	-	-	J.O. C28959/07
		F2.00		•				
•	•							
	•			• • •				
762970	W-CTSHEX-SC-3	F-B	VT-3	12QHP5050NDE006	X		-	J.O. C28959/07

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 3 COMPONENTS

RHR HEAT EXCHANGER EAST

SEC. XI R E H

SUMMARY EXAMINATION AREA CATGY . EXAM E O E REMARKS
NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE C M R **CALIBR

NUMBER IDENTIFICATION . ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**

SUPPORT COMPONENT (SEE DWG. 12-3944C-3)

763000 E-RHRHEX-UL-SC F-C VT-3 12QHP5050NDE006 X - - J.O. C28959/07

UPPER LATERAL SUPPORT F3.00

Technical Specififcation/Inservice Inspection Snubber Examinations and Tests

In past reporting periods, all of the snubbers were visually examined prior to the test sample being removed and again after the test sample was reinstalled. Due to Tech. Spec. Amendment No. 156, the examination frequency has decreased and entire population examinations were not performed during this reporting period. However, all of the snubbers that were functionally tested were examined prior to removal and again after reinstallation. The Functional Test surveillances are separated into two (2) categories: "Grinnell", and "Steam Generator".

Snubber Functional Test Surveillances

Snubber Mark No.	Date Tested	As-Found
2-GRC-S562	03-30-96	Pass
2-GRC-S575	04-01-96	Pass
2-GRC-S582	04-02-96	Pass
2-GRC-S596	03-30-96	Pass
2-GRC-S630	04-01-96	Pass
2-FWS-4-L	03-30-96	Pass
2-FWS-8-L	04-03-96	Pass
2-GBD-S569-L .	04-03-96	Pass
2-GBD-S569-U	04-04-96	Pass
2-MSS-4	04-03-96	Pass*
2-GSI-S575	04-01-96	Pass
2-GCTS-S61	04-03-96	Pass .
2-OME-3-3-HSD-3L	03-30-96	Fail**
2-OME-3-3-HSD-3U	04-02-96	Pass
2-OME-3-3-HSD-L1	04-09-96	Pass
2-OME-3-4-HSD-3L	04-03-96	Pass
Expanded Sample, Due to	Failure of 2-OME-3-1	-HSD-3U:
2-OME-3-2-HSD-3U	04-09-96	Pass
2-OME-3-3-HSD-3U	04-07-96	Pass
Non-Tech. Spec. ISI Snub	ber	
2-GFW-S885	05-05-96	Pass

*Note 1: 2-MSS-4 was not reinstalled after testing. This snubber along with several others have been deleted due to the Large Bore Piping Reanalysis Project.

**Note 2: 2-OME-3-1-HSD-3U failed the "as-found" bleed rate tests in both tension and compression modes. Investigation upon disasembly identified poor workmanship during the previous rebuild as the cause of failure. The snubber locked up as designed in both tension and compression modes.

System Pressure Tests

Inservice Inspection System Pressure Tests were performed during the Fall 1996 Unit Two Refueling Outage. These tests were in accordance with the requirements of ASME Section XI 1983 Edition, Articles IWA-5000, IWB-5000, IWC-5000, IWD-5000 and Code Case N498-1 as applicable.

A total of fifty-two (52) system pressure tests were performed during the outage. Component cooling water to Reactor coolant pump oil cooler failed due to dry chemical residue observed downstream of a flange connection on the outlet of #23 RCP lower guide bearing cooler. A supplemental magnetic particle inspection was performed which revealed a weld crack. The weld was repaired and a post maintenance test was performed satisfactorily.

SYSTEM

RHR (Residual Héat Removal) Excess Letdown Heat Exchanger Refueling Water Main Steam Containment Purge Nitrogen to Pressurizer Relief Tank Nitrogen to Reactor Coolant Drain Tank Plant Air at Containment Penetrations 23 & 59 Control Air at Containment Penetrations 29 & 74 Safety Injection to RCS Cold Legs Safety Injection Accumulator Discharge RHR to RCS Hot Legs Station Drainage Component Cooling Water Pressurizer Steam and Liquid Samples RCS Loops 1 & 3 Hot Leg Samples Containment Hydrogen Samples Containment Air Samples (RMS)

In addition system leakage tests were performed on Class 1 systems. This included the entire Reactor Coolant System and associated piping per the requirement of IWB-5221. The results of the system leakage tests were all within acceptable range.

All procedures satisfy the testing and documentation requirements set forth in ASME Section XI, 1983, Summer 1983 Addendum for Class1, Class 2, and Class 3 components and systems for Cook Nuclear Plant.

Al procedures were satisfactorily completed by American Electric Power Company, Quality Control and NDE personnel.

JOB ORI	DER	COMPONENT	<u>Code</u> Class	<u>Date</u> Worked	COMMENT
C00610	07	2 CS-296W	2	<i>5/7/</i> 96	Machine bonnet and replace
C13696	05	2 CS-534	2	4/22/96	Replace stem and bonnet assy
C15340	02	2 BD-103-3	2	4/4/96	Replace bolting
C16456	01	2 GFW-S885	2	5/8/95	Snubber modification
C19870	01	2 FW-S4-L	2 '	5/7/96	Snubber upgrade MM-300
C19878	01	2 FW-S8-L	2	4/24/96	Snubber upgrade MM-300
C21154	04	2 CS-308N	2	4/19/96	Replace valve
C21350	03	2 HE-13	2	4/21/96	Replace bolting
C21613	02	2 FW-138-2	2	5/9/96	Replace bolting
C21613	05	2 FW-138-2	2	5/9/96	Install anti rotation lugs
C22012	02	2 RC-102L1	1	4/22/96	Replace bonnet and disc assy
C22014	02	2 RC-102L2	1	5/6/96	Replace stem assembly
C22942	07	2 GCS-L40	2	3/1/95	Modify Support
25545	01	2 ACTS-R821	2	4/20/96	Modify Support
C25545	01	2 GCTS-R713A	2	4/20/96	Modify Support
C26972	04	2 MS-108-2	. 2	5/2/96	Replace valve w/nozzle check
C26973	01	2 MS-108-3	2	5/2/96	Replace valve w/nozzle check
C27083	3&4	2 SV-54	2	5 <i>[</i> 7/96	Reinstall valve by welding
C27333	06	2 GCTS-R1	2	12/29/95	Modify support
C27333	06	2 GCTS-R15	2	12/29/95	Modify support
C27333	06	2 GCTS-R16	2	1/10/96	Modify support
C27333	06	2 GCTS-R22	2	12/29/95	Modify support
C27333	06	2 GCTS-R24	2	12/29/95	Modify support
C27333	06	2 GCTS-R39	2	12/29/95	Modify support
C27333	06	2 GCTS-R8	2	12/29/95	Modify support
C27333	16	2 GCCW-R300	2	2/19/96	Modify support
C27358	80	2 IMO-128	1	5/6/96	Seal weld body to bonnet
C27493	01	2 FW-132-4	2	5/7/96	Weld and machine valve cover
C27968	03	2 CCR-460	2	4/22/96	Replace valve
C27971	03	2 CCR-462	2	4/28/96	Replace valve
28206	01	2 GRC-S562	1	4/1/96	Snubber upgrade
C28207	01	2 GRC-S575	1	4/5/96	Snubber upgrade

JOB ORI	DER	COMPONENT	<u>Code</u> Class	<u>Date</u> ′ <u>Worked</u>	COMMENT
C28208	01	2 GRC-S582	1	4/4/96	Snubber upgrade
C28216	01	2 GBD-S569-L	2	4/6/96	Snubber upgrade
C28218	01	2 GBD-S569-U	2	4/5/96	Snubber upgrade
C28221	01	2 GSI-S575	2	4/6/96	Snubber upgrade
C28222	01	2 GCTS-S61	2	4/5/96	Snubber upgrade
C28267	02	2 NMO-152	1 (4/21/96	Install new wedge
C28267	02	2 NMO-152	1 `	4/21/96	Machine disc
C28268	02	2 NMO-153	1	4/20/96	Install new wedge
C28268	02	2 NMO-153	1	4/20/96	Machine disc
C28269	02	2 QMO-200	2	4/23/96	Replace valve by welding
C28271	02	2 QMO-201	2	5/5/96	Replace valve by welding
C28290	02	2 QMO-225	2	4/24/96	Replace valve and piping
C28290	14	2 ACS-R914	2	4/24/96	Modify Support
28290	28	2 QMO-225	2	4/24/96	Replace trim and plug assembly
c28292	02	2 QMO-226	2	4/24/96	Replace valve and piping
C28370	01	2 CS-417-4	2	2/23/95	Replace bonnet/studs/nuts
C28459	02	2 CS-439-2	1	4/23/96	Cut valve seat
C28498	02	2 QRV-162	2	4/22/96	Replace bolting
C28498	02	2 QRV-162	2	4/22/96	Replace trim assy
C29705	02	2 CS-392	2	6/8/95	Replace bonnet assembly
C30016	03 -	2 CS-547	2	4/25/96	Machine seating surface
C30192	02	2 QRV-111	1	5/9/96	Replace trim assembly
C30263	02	2 QRV-112	1	5/1/96	Replace seat ring
C31874	03	2 IMO-326	1	4/10/96	Machine bonnet/replace bolting
C32663	01	2 MRV-211	2	9/14/95	Replace valve internals
C34427	04	2 FW-138-1	2	5/9/96	Install anti rotation lugs
C34474	06	2 IMO-221	2	4/29/96	Machine wedge
C34474	06	2 IMO-221	2	4/29/96	Replace disc
C34683	01	2 GCS-R537	2	4/23/96	Modify support
C34683	02	2 GCS-R621	2	4/23/96	Modify support
34683	04	2 GRH-506	2	5/3/96	Modify support
C34683	05	2 GSI-R540	2	4/23/96	Modify support

JOB ORD	ER	COMPONENT	Code Class	<u>Date</u> Worked	COMMENT
C34687	03	2 NRV-164	1	5/1/96	Replace trim assembly
C35127	01	2 CS-444-1	1	5/6/96	Replace valve
C35132	04	2 MRV-233	2	5/4/96	Replace trim assembly
C35175	02	2 QRV-160	2	5/5/96	Refurbish valve
C35175	02	2 QRV-160	2	5/5/96	Replace bolting
C35176	02	2 QRV-161	2	5/5/96	Refurbish valve
C35176	02	2 QRV-161	2	5/5/96	Replace bolting
C35763	01	2 CS-357	2	5/8/96	Replace bonnet
C35795	01	2 CS-361	2	4/30/96	Replace bonnet and bolting
C35847	01	2 CS-362	2	<i>5/7/</i> 96	Replace bonnet and bolting
C35864	01	2 QRV-301	2	5/8/96	Replace trim assembly
C35878	02	2 QRV-400	2	5/1/96	Replace bonnet and actuator .
R26440	80	2 CS-292	2 ^	6/12/96	Replace valve
33409	80	2 CCM-432	2	4/30/96	Replace parts as required
R39269	05	2 SV-45A	1	5/9/96	Replace valve
R ₃ 9270	05	2 SV-45C	1	5/9/96	Replace valve
R39271	06	. 2 SV-45B	1	5/9/96	Replace valve
R39692	03	2 NRV-163	1	5/5/96	Replace bonnet
R39692	10	2 NRV-163	1	5/5/96	Machine bonnet
R42489	01	2 GBD-S569-U	2	4/5/96	Replace supressor assembly
R43442	03	2 FW-118-1	2	5/8/96	Replace bolting
R43443	03	2 FW-118-3	2	4/29/96	Replace bolting & helicoil 1 hole
R47713	02	2 CF-126	2	4/9/96	Replace plug
R52849	01	2 SV-2A-2	2	5/5/96	Replace disc
R52850	01	2 SV-2B-2	2	5/10/96	Replace disc
R52851	01	2 SV-3-2	2	5/5/96	Replace disc
R52852	01	2 SV-1B-3	2	5/5/96	Replace disc
R53629	01	2 CS-445-1	1	5/6/96	Replace valve ·

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

							
. Owner INDI	ANA MICHIGAN Name	POWER CO	OMPANY	Date_0	5-07-96	5	
P.O. Box	60 Fort Wayne	e, IN 4	6801	Sheet	11	of2	-,
2. Plant D.C.	COOK NUCLEAR	POWER	PLANT	Unit		# 2	
One Cook	Place, Bridgm Address	nan, MI	19106			6W O. No., Job	No., etc
3. Work Perfor	rmed by <u>Mainter</u> Na 2	-	partment		ation No	Stamp <u>N/</u> . <u>N/A</u> N/A	
4. Identificat	Address,	Charci	na Svet	_	•		
(b) Applicab Summe:	ole Const. Code ole Edition of S r 1983 Addenda	ection XI a	Utilized	for Repairs	or Repl	acements 19	83,- "
Name of	Name of	Manuf.	Nat.	Other	Year	Repaired Replaced or	ASME Code Stamped
Component	Manufacturer	No.	No.	Identi- ' '	Built	Replace- ment	(Yes or No)
2-CS-296W		,		LICACION		4	
Bonnet from new vlv				M&E#: 30-033965 ASP#15722	n/a	replace & machine	ио
Bonnet nut				M&E#: 30-046902 ASP#15012	n/a	replace	ио
Disc from new vlv		·		M&E#: 30-034022 ASP#13686	n/a	replace	NO
7. Description	of Work	(See Rem	arks)				
8. Test Conduc	ted: Hydrostat:	ic	Pneumati	cNom	inal Ope	rating Pres	sure
N/A	Other_VT-2/	Pressur	:e	psi	Test Tem	p	°F
(1) size is 8-1 included on eac	ntal sheets in a /2 in. x 11 in., h sheet, and (3) top of this for	, (2) info each she	rmation	in items 1 tl	hrough 6	on this rem	ort is

· FORM NIS-2 (Back)

9. Remarks The bonnet and disc from a new valve was installed on the Applicable Manufacturer's Data Reports to be attached
existing valve including a new bonnet nut. This new bonnet was
also machined per a Component Eval: CE-96-0116
Ref. JO:C610-7 File: 2-CS-296W ISI Class: 2
e e e e e e e e e e e e e e e e e e e
CERTIFICATE OF COMPLIANCE
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this replacement/repair conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol StampN/A
Certificate of Authorization No. N/A Expiration Date N/A Signed Frank Pisarsky, Maint.Eng.Supervisor Date Slo , 1996 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed by <u>ARKWRIGHT MUTUAL INS. CO.*</u> of <u>NORWOOD, MASS.</u> have inspected the components described in this Owner's Report during the period
and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME
Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Mr Mutuspeugh Commissions Mich 2055, End NET
Inspector's Signature National Board, State, Province, Endorsements
Date June 6 19 96

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

	Name	FOWER C	ONE MINI	, Date (<u>)4-29-96</u>		
P.O. Box	60 Fort Wayne Address	e. IN 4	6801	Sheet	1	of2	-
Plant D.C	COOK NUCLEA	R POWER	PLANT	Unit _		# 2	
One Cook	Place, Bridge Address	nan, MI [']	49106	C13696-5 Repair		534 O. No., Job	No., et
Same as		me	•	. Authoriz Expirati	ation No on Date	l Stamp <u>N/</u> . <u>N/A</u> N/A	
(a) Applica (b) Applica Summe	able Const. Code able Edition of S er 1983 Addend	ANSI B31 ection XI a ts Repair	1_19_3 Utilized	83Ed., N/	AAdd	acements 19	83,
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stampe (Yes or No)
	,			-		<u> </u>	
-CS-534		 		20 025500	n/a	replace	МО
	ASTM A479\ w/Nitronic 60			30-035589 ASP#17053	II/a	reprace	
2-CS-534 Stem assy Bonnet/ Packing	1			1	n/a	replace	ио
Stem assy Sonnet/ Packing	w/Nitronic 60			ASP#17053 30-035300		_	NO
Stem assy Sonnet/ Packing chamber Description	w/Nitronic 60			ASP#17053 30-035300 ASP#14328	n/a	replace	

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

FORM NIS-2 (Back)

			be attached .
r	Ref. JO:C13696-5	File:2-CS-534	ISI Class: 2
	•		
	CER	TIFICATE OF COMPLIANCE	
replacem		ts made in the report are to the rules of the ASME	
Type Code	Symbol StampN/A_		,
Signed Fr			ion Date <u>N/A</u> 2 S , 19 96
	- :	. 2	
,	CERTIFIC	ATE OF INSERVICE INSPECTI	:0И
and Pressu by ARKWR have inspe 4-17-92 and belief described Code, Sect By signi warranty, described employer s a loss of	re Vessel Inspectors ar IGHT MUTUAL INS. CO.* cted the components destroyer to 2-31-92, the Owner has perform in this Owner's Report ion XI. ng this certificate nest expressed or implied, oin this Owner's Report hall be liable in any many kind arising from one of the component	of NORWOOD, scribed in this Owner's Recribed in this Owner's Recribed in this Owner's Recribed in accordance with the residual in the residual	eport during the period to the best of my knowledge n corrective measures equirements of the ASME is employer makes any ns and corrective measures he Inspector nor his njury or property damage or spection.
Date	. 0	*FACTORY MUT	UAL SYSTEM
Date July	19 96		

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

. Owner INDI	ANA MICHIGAN Name	POWER CO	OMPANY .	Date_(95-17-96	5	
P.O. Box	60 Fort Wayne	e, in 46	801	Sheet	1	of2	
2. Plant <u>D.C.</u>	COOK NUCLEAR	R POWER I	PLANT '	Unit _		# 2	
One Cook	Place, Bridgm Address	nan, MI 4	19106			103-3, 2"\ 0. No., Job	
Same as #:		me	partment	Authoriz	ation No	L Stamp <u>N/</u> . <u>N/A</u> N/A	
	<pre>Address ion of System _</pre>	Blowd	lown sys	stem		1	
(b) Applicab Summe	ion of Componen	ection XI a	Utilized	for Repairs	or Repl	acements 19	83.
. VERY No. 14. No decimal region	3	Manuf.	Nat.	Other		Repaired . Replaced or	ASME Code Stamped
Name of Component	Name of Manufacturer	Serial No.	Board No.	Identi-	Year Built	Replace- ment	(Yes or No)
2-BD-103-3	•			LICACION			
studs with nuts	SA-193 gr B7 SA-194 gr 2H			M&E#: 30-028942 ASP#14688	N/A ·	replace	ио .
		R e					
	of Work						
N/A	ted: Hydrostat: Other ntal sheets in :	Pressu	ıre	psi	Test Te	mp.	°F

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

FORM NIS-2 (Back)

ı	Replaced the Bonnet/Body studs and nuts. Applicable Manufacturer's Data Reports to be attached
	Ref. JO:C15340-2 File: 2-BD-103-3 ISI Class: 2
	CERTIFICATE OF COMPLIANCE
replacem	tify that the statements made in the report are correct and this ent conforms to the rules of the ASME Code, Section XI. replacement
Type Code	Symbol Stamp N/A
Signed Fr	te of Authorization No
	CERTIFICATE OF INSERVICE INSPECTION .
and Pressu by <u>ARKWR</u> have inspe <u>4-3-96</u> and belief described	ersigned, holding a valid commission issued by the National Board of Boile re Vessel Inspectors and the State or Province ofMichigan_ and employe IGHT MUTUAL INS. CO.* ofNORWOOD. MASS. cted the components described in this Owner's Report during the period
varranty, described employer s	ng this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection. **Little Prince Commissions Mich 0055 END NET*
Inspect	or's Signature National Board, State, Province, Endorsement
Date <u>June</u>	*FACTORY MUTUAL SYSTEM

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

P.O. Box	Name 60 Fort Wayne Address	. IN 46	6801 ·	Sheet	1	of2	
. Plant D.C.	COOK NUCLEAR	POWER I	PLANT	Unit _		# 2	
One Cook	Place, Bridgm Address	an, MI 4	19106			-S885, snu O. No., Job	
	med by <u>Mainten</u> Nar Address	ne	oartment	Authoriz	ation No	L Stamp <u>N/</u> . <u>N/A</u> N/A	
. (a) Applicab (b).Applicab	ion of System le Const. Code A le Edition of Se	ANSI B31 ection XI	. <u>l</u> _19 _8	33 _{Ed., N/}	A Add	N/A oacements 19§	Code Case
	1983 Addenda	_	ed or Rep	laced and Re	placemen	t Components	•• •
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-GFW-S885	Grinnell sway strut & Supressor assy. Fig 200			30-024690 ASP# 1387	n/a .	replace	ио
	of Work				inal Ope	rating Press	ure
						_	

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

FORM NIS-2 (Back)

	Applicable Manufacturer's Data Reports to be attached
	pp===daze Mandzaddz o baca Keporto to be accaened
one.	•••
	·
	Ref. JO:R13799-1 File: 2-GFW-S885 ISI Class: 2
	•
7	•
v Marie ± Marie i − 5	CERTIFICATE OF COMPLIANCE
	wife that the statements made in the second of an extension of the
	tify that the statements made in the report are correct and this
	ent conforms to the rules of the ASME Code, Section XI. replacement
repart or	repracement .
Type Code	Symbol StampN/A
Tibe dech	
Certifica	te of Authorization NoN/A Expiration DateN/A
Signed Fr	ank Pisarsky, Maint. Eng. Supervisor Date 8/1, 1996
w	Owner or Owner's Designee, Title
_1	omici of omici of bedrighter, fitte
	·
3, K	1 -
- a -	*
4 ~ ≥ 1	CERTIFICATE OF INSERVICE INSPECTION
4 ~ a ₁	CERTIFICATE OF INSERVICE INSPECTION
I, the und	ersigned, holding a valid commission issued by the National Board of Boil
I, the unde	ersigned, holding a valid commission issued by the National Board of Boil
I, the undo	,
I, the undeand PressurbyARKWR	ersigned, holding a valid commission issued by the National Board of Boilere Vessel Inspectors and the State or Province of <u>Michigan</u> and employed the MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS.
I, the undo and Pressum by ARKWR have inspec	ersigned, holding a valid commission issued by the National Board of Boilere Vessel Inspectors and the State or Province of <u>Michigan</u> and employ GHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS.
I, the undo and Pressu by <u>ARKWR</u> have inspec	ersigned, holding a valid commission issued by the National Board of Boil re Vessel Inspectors and the State or Province of <u>Michigan</u> and employ GHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS. Sted the components described in this Owner's Report during the period to, and state that to the best of my knowledge.
I, the under and Pressure by ARKWR have inspected by and belief	ersigned, holding a valid commission issued by the National Board of Boil re Vessel Inspectors and the State or Province of and employ GHT MUTUAL INS. CO.* of NORWOOD, MASS. Teted the components described in this Owner's Report during the period to, and state that to the best of my knowledg, the Owner has performed examinations and taken corrective measures
I, the under and Pressure by ARKWR have inspectant belief described	ersigned, holding a valid commission issued by the National Board of Boilere Vessel Inspectors and the State or Province of <u>Michigan</u> and employed the Components described in this Owner's Report during the period to \frac{3/5/96}{2}, and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME
I, the under and Pressure by ARKWR have inspection of the lief described code, Section of the lief des	ersigned, holding a valid commission issued by the National Board of Boil re Vessel Inspectors and the State or Province of <u>Michigan</u> and employ IGHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS. Sted the components described in this Owner's Report during the period to <u>3/5/96</u> , and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI.
I, the under and Pressure by ARKWR have inspected and belief described code, Section By signification and section below the section and section below the section and section below the section by section below the se	ersigned, holding a valid commission issued by the National Board of Boil re Vessel Inspectors and the State or Province of <u>Michigan</u> and employ IGHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS. Steed the components described in this Owner's Report during the period to <u>3/5/96</u> , and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. Ing this certificate neither the Inspector nor his employer makes any
I, the under and Pressure by ARKWR have inspected and belief described code, Section By signiful warranty, or section by	ersigned, holding a valid commission issued by the National Board of Boil re Vessel Inspectors and the State or Province of Michigan and employ IGHT MUTUAL INS. CO.* of NORWOOD, MASS. The ted the components described in this Owner's Report during the period to 3/5/96, and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. The testing the contention of the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures
I, the under and Pressure by ARKWR have inspected and belief described code, Section By signiful warranty, described codescribed	ersigned, holding a valid commission issued by the National Board of Boil re Vessel Inspectors and the State or Province of Michigan and employ IGHT MUTUAL INS. CO.* of NORWOOD, MASS. The ted the components described in this Owner's Report during the period to 3/5/96, and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. Ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his
I, the under and Pressure by ARKWR have inspected and belief described and belief described arranty, described amployer significant belief and belief described arranty, described amployer significant belief and belief amployer significant belief and belief amployer significant belief amployer significant belief and belief amployer significant belie	ersigned, holding a valid commission issued by the National Board of Boil re Vessel Inspectors and the State or Province of Michigan and employ GHT MUTUAL INS. CO.* of NORWOOD, MASS. Total the components described in this Owner's Report during the period to 3/5/96, and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. The province of the Name is a supersonal injury or property damage of the Inspector nor his intended in any manner for any personal injury or property damage of the Inspector in the Inspector in property damage of the Inspector in property damage of the Inspector in the Inspector in property damage of the Inspector in the Inspector in property damage of the Inspector in the Ins
I, the under and Pressure by ARKWR have inspected and belief described Code, Section By signiful warranty, described employer states a loss of a section of the control of	ersigned, holding a valid commission issued by the National Board of Boil re Vessel Inspectors and the State or Province of Michigan and employ IGHT MUTUAL INS. CO.* of NORWOOD. MASS. The test of the components described in this Owner's Report during the period to \$/\$/\$6. , and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. Ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage of any kind arising from or connected with this inspection.
I, the under and Pressure by ARKWR have inspected and belief described accorded. Section By signification warranty, described employer states of a loss of a section warranty.	ersigned, holding a valid commission issued by the National Board of Boil re Vessel Inspectors and the State or Province of Michigan and employ IGHT MUTUAL INS. CO.* of NORWOOD, MASS. Seted the components described in this Owner's Report during the period to 1/5/96, and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. Ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage of any kind arising from or connected with this inspection.
I, the under and Pressure by ARKWR have inspected and belief described code, Section By signiful warranty, described employer states of the section of the s	ersigned, holding a valid commission issued by the National Board of Boil re Vessel Inspectors and the State or Province of Michigan and employ IGHT MUTUAL INS. CO.* of NORWOOD. MASS. The test of the components described in this Owner's Report during the period to \$/\$/\$6. , and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. Ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage of any kind arising from or connected with this inspection.
I, the under and Pressure by ARKWR have inspected and belief described accorded. Section By signification warranty, described employer states of a loss of a section warranty.	ersigned, holding a valid commission issued by the National Board of Boil re Vessel Inspectors and the State or Province ofMichigan and employ IGHT MUTUAL INS. CO.* of NORWOOD, MASS. Toted the components described in this Owner's Report during the period to, and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. In this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage of any kind arising from or connected with this inspection. Commissions
I, the under and Pressur by ARKWR have inspected and belief described code, Section By signiful warranty, described employer slatoss of a Inspected code.	ersigned, holding a valid commission issued by the National Board of Boil re Vessel Inspectors and the State or Province of Michigan and employ of NORWOOD, MASS. The components described in this Owner's Report during the period to 1/5/96, and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. The province of the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage of any kind arising from or connected with this inspection. **Commissions** **Notional Commissions** **Commissions** **Notional Commissions** **

AS Required by the Provisions of the ASME Code Section XI

. Owner INDI	ANA MICHIGAN Name	POWER CO	MPANY	Date_0	5-13-96	5	
. <u>P.O. Box</u>	60 Fort Wayne . Address	. IN 46	801	Sheet	1	of2	·
2. Plant D.C.	COOK NUCLEAR	POWER P	LANT	Unit _		#_2	······································
One Cook	Place, Bridgm Address	nan. MI 4	9106			S4-L, snub O. No., Job	
Same as #	med by <u>Mainter</u> Nam 2 Address :ion of System _	me .	······································	Authoriz · · Expirati	ation No on Date	1 Stamp <u>N/</u> . <u>N/A</u> N/A	
(a) Applicate (b) Applicate Summe	ole Const. Code on the Edition of Son 1983 Addendation of Component	ANSI B31 ection XI a	.1_19 <u>{</u> .Utilized	33Ed., N/ for Repairs	A Add or Repl	- N/A acements 19	83.
Name of Component	··· Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-FW-S4-L	vı		,			,	
config."A"	grinnell			M&E#: 30-040551 ASP#17950	n/a	replace	ио
7. Description	of Work	(See Rem	arks)		 	· · · · · · · · · · · · · · · · · · ·	
. Test Conduc	ted: Hydrostat	ic	Pneumati	.c Non	inal Ope	rating Pres	sure
и/А	Other_VT-3	/4 Pressu	re	psi	Test Te	emp	°F
	ental sheets in 1/2 in. x 11 in.						

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

9. Rema	Installed a configuration "A" Kit which consists of Applicable Manufacturer's Data Reports to be attached a control valve block and reservoir per MM-300						
•	Ref. JO:C19870-1 File: 2-FW-S4-L ISI Class: 2						
	CERTIFICATE OF COMPLIANCE						
_rep	e certify that the statements made in the report are correct and this lacement conforms to the rules of the ASME Code, Section XI. ir or replacement						
Туре	Code Symbol Stamp N/A						
Sign	ed Frank Pisarsky, Maint Eng Supervisor Date 5/29 , 19 96 Owner or Owner's Designee, Title						
a v g - come 9							
	CERTIFICATE OF INSERVICE INSPECTION						
and Phave have and be descri Code, By warra	e undersigned, holding a valid commission issued by the National Board of Boiler ressure Vessel Inspectors and the State or Province ofMichigan and employed ARKWRIGHT MUTUAL INS. CO.* of NORWOOD. MASS. inspected the components described in this Owner's Report during the period, and state that to the best of my knowledge elief, the Owner has performed examinations and taken corrective measures ibed in this Owner's Report in accordance with the requirements of the ASME Section XI. signing this certificate neither the Inspector nor his employer makes any aty, expressed or implied, concerning the examinations and corrective measures ibed in this Owner's Report. Furthermore, neither the Inspector nor his						
emplo	yer shall be liable in any manner for any personal injury or property damage or s of any kind arising from or connected with this inspection.						
In	Spector's Signature ' National Board, State, Province, Endorsements						
	*FACTORY MUTUAL SYSTEM						

		WHENTYD	OK,	KELTHOM	LILLI
s Required by the P	Provisions of	the ASME	Code	e Section	XI

•			. ° .				
. Owner INDIA	ANA MICHIGAN Name	POWER CO	MPANY	Date <u>0</u>	5-06-96		·
P.O. Box	60 Fort Wayne Address	IN 46	801	Sheet	1	of2	
. Plant D.C.	COOK NUCLEAR	POWER P	PLANT	Unit	•	# 2	
One Cook 1	Place, Bridgm Address	an. MI 4	9106			8-L. snuk D. No., Job	
. Work Perform	med by <u>Mainten</u> Nam		partmen	Authoriz	ation No.	Stamp <u>N/</u> _N/A	Α
	Address ion of System F	eedwater	•				
(b) Applicabl Summer	le Const. Code and the Edition of Section of Component	ection XI	Utilized	for Repairs	or Repla	cements 19	83.
, mare	ar v	Manuf.	Nat.	Other	g . J	Repaired Replaced or	ASME Code Stamped
Name of Component	Name of Manufacturer	Serial No.	Board No.	Identi-	Year · * Built	Replace- ment	(Yes or No)
2-FW-S8-L	·			fication			
Configuration "A" kit				M&E#: 30-040551 ASP#17950	n/a	replace per MM300	ио .
						, , , , , , , , , , , , , , , , , , , ,	
	L	L					<u> </u>
. Description	of Work	(See Rem	arks)	 	·	·	
. Test Conduct	ted: Hydrostat	ic	Pneumati	.c Nom	inal Oper	rating Pres	sure
N/A	Other_VT3/4	Pressure .		psi Tes	t Temp.	•	_°F
) size is 8-1, ncluded on each	ntal sheets in : /2 in. x 11 in. h sheet, and (3) top of this fo	, (2) info) each she	rmation	in items 1 t	hrough 6	on this re	port is

FORM NIS-2 (Back)

Remarks <u>I</u> I	istalled a configura		
	Applicable Manufactu	rer's Data Reports to	be attached
- 1	A .		
		· · · · · · · · · · · · · · · · · · ·	•
	-	- •	
-	Ref. JO:C19878-1	File:2-FW-S8-L	ISI Class: 2
		• · · · · · · · · · · · · · · · · · · ·	*
	,		•
æ	η.		
	•		
	CERTI	FICATE OF COMPLIANCE	, c##
•	•	• • • • • • • • • • • • • • • • • • • •	
We cert	ify that the statements	made in the report are	correct and this
<u>replaceme</u>	nt conforms to	the rules of the ASME	Code, Section XI.
repair or	replacement	•	•
Type Code	Symbol Stamp N/A	4	
			•
Certificat	e of Authorization No	<u>, N/A· </u>	ion DateN/A
94 4 P	M Clare for		
Signed Fra	nk Pisarsky, Maint Eng.S	upervisor Date <u>5/10</u>	, 19 <u>76</u>
	wner or Owner's Designee	e, Title,	
'	**		
·	* * * •	•	
			
•	CERTIFICATI	OF INSERVICE INSPECTI	ON
I, the unde	rsigned, holding a valid	commission issued by	the National Board of Boiler
and Pressur	e Vessel Inspectors and	the State or Province	of Michigan and employed
by <u>ARKWRI</u>	GHT MUTUAL INS. CO.*	ofNORWOOD_	MASS.
have inspec	ted the components descr	ibed in this Owner's R	eport during the period
12.2-93	to <u>6-6-96</u>	, and state that	to the best of my knowledge
and belief,	the Owner has performed	l examinations and take	n corrective measures
described in	n this Owner's Report in	accordance with the r	equirements of the ASME
Code, Section	on XI.		
By signing	g this certificate neith	er the Inspector nor h	is employer makes any
warranty, e	xpressed or implied, con	cerning the examination	ns and corrective measures
described in	n this Owner's Report.	Furthermore, neither t	he Inspector nor his
employer sha	all be liable in any man	ner for any personal i	niury or property damage or
a loss of a	ny kind arising from or	connected with this in	spection.
nsan!	- 1		
11/1/10	terspread Commis	sions Michouss, End	NII
Inspecto	r's Signature ·	National Board, S	tate, Province, Endorsements
	-		<u></u>
Daha Tura	0:	7*FACTORY_MUT	UAL-SYSTEM-
Date <u> </u>	<u> 19</u> 96		

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

. Owner <u>IND</u>	IANA MICHIGAN Name	POWER CO	YNAGMO	Date <u>O</u>	5-27-96	5	
P.O. Box	60 Fort Wayne	e, IN 46	5801	Sheet	<u> </u>	of <u>2</u>	<u> </u>
Plant D.C	. COOK NUCLEAR	POWER I	PLANT	Unit _		# 2	
One Cook	Place, Bridgm Address	an, MI 4	19106	<u>C21154, 2</u> Repair		8N, vlv O. No., Job	No., etc
Same as	Address	me		Authoriz Expirati	ation No	L Stamp <u>N/</u> . <u>N/A</u> N/A	Α
(a) Applica (b) Applica Summe	tion of System _ ble Const. Code a ble Edition of Ser 1983 Addenda tion of Component	ANSI B31 ection XI	.1 19 Utilized	83Ed., N/	or Repl	acements 19	83,
	\$:	a se la			• • · ·	Repaired Replaced	ASME Code
Name of Component	Name of 'Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi-	Year " Built	or Replace- ment	Stamped (Yes or No)
-CS-308N	Conval 12G2J-S168J- 6125	-	,	fication M&E#: 30-035209 ASP#14119	n/a	replace	NO .
ipe 2"	SA-376 gr. tp-304			M&E#: 30-016812	n/a	replace	ио
	J			ASP#7762			
				ł			
Description	n of Work	(See Rem	arks)	ł			
				ASP#7762	inal Ope	rating Press	sure

included on each sheet, and (3) each sheet is numbered and the number of sheets is

recorded at the top of this form.

FORM NIS-2 (Back)

,	Applicable Ma	anufacturer's	Data Reports to be a	ttached ·	
	which was ins	stalled by	welding		
	Ref. JO:C211	54-4 File:	2-CS-308N	ISI Class:	2
	•	CERTIFICATE	OF COMPLIANCE	······································	
<u>replaceme</u>	eify that the state ent conformed replacement	tements made orms to the r	in the report are cor ules of the ASME Code	rect and this , Section XI.	
Type Code	Symbol Stamp	N/A			
Signed Fra	Holmon for	nt.Eng.Superv	Expiration isor Date S/30		
e* c.					
	CER	TIFICATE OF 1	NSERVICE INSPECTION		
and Pressur by <u>ARKWRI</u>	e Vessel Inspecto GHT MUTUAL INS. (ors and the S	ission issued by the tate or Province of ofNORWOOD. MAS in this Owner's Repor	Michigan and emp	ploye
٧-،٦-٩८ and belief,	the Owner has pen n this Owner's Re	- ۹ ಒ erformed exam	, and state that to tinations and taken cordance with the requi	he best of my know rrective measures	ledge
By signing warranty, eddescribed in employer shape by the state of the	g this certificat expressed or impli n this Owner's Re all be liable in	ed, concerni port. Furth any manner f	e Inspector nor his eng the examinations a ermore, neither the I or any personal injureted with this inspec	nd corrective measuring measuring the measuring measurement of the measurement of the measuring	
ME M		Commissions	Mich 0055, ENDINET		
Thenoete	r's Signature		National Board, State		ement
Inspecto					

						Date _	Date05/07/96				
	Name P.O. Box 60 Fort Wayne, IN 46801						Sheet <u>1</u> of 2				
Address '											
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2											
	One Cook Place, Bridgman, MI 49106 C21350-03 R/R1467 Address Repair Org. P.O. No., Job No., et										
	3. Work Performed by <u>Installation Services</u> Type Code Symbol Stamp <u>N/A</u> Name Authorization No. <u>N/A</u>										
		Same as	#2	Name 			ization Lion Dat		····		
			Address		- · · · · · · · · · · · · · · · · · · ·	ਜ,					
	4.	Identificat	ion of System _	CHEMICAL	L AND VO	OLUME CONTR	ROL ASI	ME CODE CI	ASS 1		
	5.	(a) Applicab	le Const. Code	ANSI B31	1_19	83Ed., N	/A_Add.	N/A	Code Case		
		(b) Applicab	le Edition of Sec. 1983 Addend	ection XI	Utilized	for Repairs	or Repl	acements 19	83,		
	_	•			_						
	6.	Identificat	ion of Component	ts Repaire	ed or Rep	laced and Re	placemen	t Components	5		
			# # # # # # # # # # # # # # # # # # #					Repaired	ASME		
		Name of omponent	Name of	Manuf.	Nat.	Other		Replaced or	Code Stamped		
		- -HE-13	Manufacturer	Serial	Board No.	Identi- fication	Year Built	Replace- ment	(Yes or No)		
	1	5/8" S.S.	NOVA	ASP# 18756	N/A	S453 GR 660	N/A	REPLACE-	NO NO		
	1 ! NU	5/8 HH rs	AVON	ASP# 18756	N/A ·	SA194 GR 8F	N/A	REPLACE- MENT	NO		
	1 ! NU	5/8 HH rs	AVON	ASP# 18736	N/A	SA194 GR 2H	N/A	REPLACE- MENT	NO		
		3" S.S. JDS	AVON	ASP# 11950	N/A	A453 GR 660 (86)	N/A	REPLACE- MENT	NO .		
į	7/8	B" HH NUTS	NOVA	ASP# 10686	N/A	SA194 GR 8	N/A	REPLACE- MENT	МО		
	7. Description of Work <u>REPLACED BOLTING HARDWARE DURING GASKET REPLACEMENT</u> ON 2-HE-13, EXCESS LETDOWN HEAT EXCHANGER.										
,	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X										
		n/a	! !			psi_ Tes			_°F		
, i	NOTE	: Supplement size is 8-1/	ntal sheets in f /2 in. x 11 in	form of li (2) info	sts, ske	tches, or dra	awings ma	y be used,	provided		
•	(1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.										

•

9. Remarks		
	Applicable Manufacturer's Data Reports to be attached	i
	•	
	Ref. JO: C21350-03 DESIGN CHANGE: N/A	
	REPAIR/REPLACEMENT TRAVELLER: RR96-1467 ISI	CLASS: 2
	,	1
<u> </u>	4	
•	CERTIFICATE OF COMPLIANCE	
We certif	fy that the statements made in the report are correct as	nd this
REPLACEMENT	T conforms to the rules of the ASME Code, Section	XI.
repair or re	eplacement	
Type Code Sy	ymbol Stamp <u>N/A</u>	
Certificate	of Authorization NoN/A Expiration Date	N/A
(u	My (it	<i>O i</i> s
Signed Way	vne Cretsinger, Senior Planner Date HAY 7	, 19 <u>46 </u>
. Own	ner or Owner's Designee, Title	
	CEDMINICAME OF THERRITOR THERROTON	
ч.	CERTIFICATE OF INSERVICE INSPECTION	
I, the unders	signed, holding a valid commission issued by the National Vessel Inspectors and the State or Province of <u>MICHIC</u>	al Board of Boile
by ARKWRIGH	HT MUTUAL INS. CO. of WALTHAM, MASS. ed the components described in this Owner's Report during	and employe
have inspecte	ed the components described in this Owner's Report during to <u>s-23-36</u> , and state that to the best	ng the period
and belief, t	the Owner has performed examinations and taken corrective	ve measures
described in Code, Section	this Owner's Report in accordance with the requirements	; of the ASME
By signing	this certificate neither the Inspector nor his employer	makes any
warranty, exp	pressed or implied, concerning the examinations and corn	ective measures
employer shal	this Owner's Report. Furthermore, neither the Inspecto ll be liable in any manner for any personal injury or pr	or nor nis coperty damage or
a loss of any	y kind arising from or connected with this inspection.	, open of animage of
_		
1112 11/0	's Signature · Commissions Mational Board, State, Provi	
Inspector'	's Signature · National Board, State, Provi	.nce, Endorsement
	73	
Date May Z	<u>23</u> 19_ <u>γω</u>	

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

1. Owner	INDI	ANA MICHIGAN	POWER_CO	MPANY_	Date 0	4-29-96	5	,
	<u> </u>	Name						
P.O.	Box	60 Fort Wayne Address	. IN 46	801	Sheet	1	of2	
2. Plant	D.C.	COOK NUCLEAR	POWER F	LANT	Unit _	· · · · · · · · · · · · · · · · · · ·	# 2	
One	Cook	Place, Bridgm Address	nan, MI 4	9106			138-2(bolt O. No., Job	
•		med by <u>Mainter</u> Na	nance Der me	partment	Authoriz	ation No	Stamp <u>N/</u> . <u>N/A</u> N/A ·	
		Address ion of System I	urbine d	 Iriven a	_		. N/ A	- <u></u> -
(d) Ap;	plicab Summe:	le Const. Code le Edition of S 1983 Addend ion of Componen	ection XI a	Utilized	for Repairs	or Repl	acements 19	83
ut+≵		A		, af			Repaired Replaced	ASME Code
Name o Compone	_	Name of Manufacturer	Manuf. Serial No.	Nat Board No.	Other . Identi- fication	Year Built	or Replace- ment	
	nt		Serial	Board	Identi-	1.	or Replace-	Stamped (Yes
Compone	-2_rom		Serial	Board	Identi-	1.	or Replace-	Stamped (Yes
2-FW-138 Studs: f	-2 rom ad		Serial	Board	Identi- fication M&E#: 30-211590	Built	or Replace- ment	Stamped (Yes or No)
2-FW-138 Studs: fall thre (1/2")	-2 rom ad		Serial	Board	Identi- fication M&E#: 30-211590 ASP#15684 M&E#: 30211860	Built n/a	or Replace- ment replace	Stamped (Yes or No)
Compone 2-FW-138 Studs: fall thre (1/2") Nuts: 1/	-2_romad		Serial No.	Board No.	Identi- fication M&E#: 30-211590 ASP#15684 M&E#: 30211860	Built n/a	or Replace- ment replace	Stamped (Yes or No)
Compone 2-FW-138 Studs: f all thre (1/2") Nuts: 1/	-2 rom ad 2"	Manufacturer	Serial No.	Board No.	Identi- fication M&E#: 30-211590 ASP#15684 M&E#: 30211860 ASP#15684	n/a n/a	or Replace- ment replace replace	Stamped (Yes or No) NO

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

9.	Remarks Replaced valve's side cover fasteners due to							
	Applicable Manufacturer's Data Reports to be attached							
	non-identifiability of material							
	·•							
	Ref. JO:C21613-2 File:2-FW-138-2 ISI Class: 2							
	·							
-	CERTIFICATE OF COMPLIANCE							
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement							
	Type Code Symbol StampN/A							
•	Certificate of Authorization No Expiration Date							
	CERTIFICATE OF INSERVICE INSPECTION							
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed by <u>ARKWRIGHT MUTUAL INS. CO.*</u> of <u>NORWOOD, MASS.</u> have inspected the components described in this Owner's Report during the period <u>Y-17-76</u> to <u>6-6-96</u> , and state that to the best of my knowledge							
	and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.							
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.							
	Mr Mitispaugh Commissions Mich 0055, Evel NII							
	Inspector's Signature National Board, State, Province, Endorsements							
;	Date June C 19 96							

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

. Owner INI	DIANA MICHIGAN	POWER	COMPANY	Date_0	4-19-9	6	
Nan	ne	>	••	¥I			
P.O. Box	60 Fort Wayn Address	e. IN '	16801	Sheet	1	of2	
2. Plant D.C	C. COOK NUCLEA Name	R POWER	PLANT	Unit _	# :	2	
One Cook	Place Brido					2-FW-138-2	
-	Address		Re	pair Org. P.O	. No., J	ob No., etc	
3. Work Perfo	ormed by <u>Mainte</u>	nance De Name	epartmer	Autho	rization	ol Stamp <u>N</u> 1 No. <u>N/A</u> ce <u>N/A</u>	/A
	Address			EXPIIA	icion bat	.e <u>_N/A</u>	<u> </u>
4. Identifica	ation of System_	Feedwate	er		<u>-</u>	≏ Na	
	 able Const. Code			oona M	/7 > 2.2.2	NT / N*	
(b) Applica	able Edition of	Section X					
Summe	er 1983 Adden	da		. .	_	*	
6. Identifica	ation of Compone	nts Repai:	red or Re	placed and Re	placemen	components	5 A 14
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	RepairedR _eplacedor _Replace- ment	ASME Code Stamped (Yes or No)
2-FW-138-2	existing	n/a	n/a	n/a	n/a	Welding to pressure retaining part	ио
						••	
							••
					1:		
7. Description	on of Work	(See Pe	markel		·		A
	acted: Hydrosta	· ·	Pneumat	ic Nom	inal Ope	rating Press	sure.
N/A	Other vt/pt	Pressure		psi Tes	t Temp.		_°F
	mental sheets in 1/2 in. x 11 in						

9. Rema	rks <u>We</u>	eld anti rotation lug to disc/ material stand/comm grade Applicable Manufacturer's Data Reports to be attached
		Per engingeering direction
	• •	Ref. JO:C21613-5 File: 2-FW-138-2 ISI: 2
		CERTIFICATE OF COMPLIANCE
Weld	ling to	ify that the statements made in the report are correct and this press part conforms to the rules of the ASME Code, Section XI. replacement
. Туре	e Code	Symbol Stamp N/A
•	ν_{s}	e of Authorization No. N/A Expiration Date N/A
Sign	ned Fra	nk Pisarsky, Maint Eng Supervisor Date 426, 1996 wher or Owner's Designee, Title
, i. 1 90%	,	A
		CERTIFICATE OF INSERVICE INSPECTION
and F	ressur	rsigned, holding a valid commission issued by the National Board of Boiler e Vessel Inspectors and the State or Province of <u>Michigan</u> and employed GHT MUTUAL INS. CO.*** of NORWOOD, MASS.
have <u>'/-</u> and b	inspec デーテム celief,	ted the components described in this Owner's Report during the period to 6-7-76, and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures n this Owner's Report in accordance with the requirements of the ASME
Code,	Secti	on XI.
warra descr emplo	anty, e ribed i byer sh	g this certificate neither the Inspector nor his employer makes any xpressed or implied, concerning the examinations and corrective measures n this Owner's Report. Furthermore, neither the Inspector nor his all be liable in any manner for any personal injury or property damage or ny kind arising from or connected with this inspection.
·24	200	Commissions Mich 3055, END NIT
In	specto	r's Signadure National Board, State, Province, Endorsements
Date	<u> </u>	*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

P.O. Box	60 Fort Wayne	e. IN 46	801	Sheet	1	of 2	t.		
. Plant D.C.	. COOK NUCLEAR	R POWER I	PLANT	Unit _		# 2			
One Cook	Place, Bridgm Address	nan, MI	<u>19106</u> "			102-L1, v			
. Work Performed by <u>Maintenance Department</u> Type Code Symbol Stamp N/A Name Authorization No. N/A Same as #2 Expiration Date N/A									
. Identificat	Address tion of System _	React	or Cool	ant System	ı		•		
(b) Applical Summe	ole Const. Code ole Edition of S r 1983 Addend	ection XI a	Utilized	for Repairs	or Repl	acements 19			
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced for Replace- ment	ASME Code Stamped (Yes or No)		
2-R C -102-L1									
Stem assy.				M&E#: 30-035574 ASP#13338	n/a	replace	NO		
valve assy.				M&E#: 30-035209 ASP#14119	n/a	replace	NO		
	of Work			cNom	inal Ope	rating Pres	sure		
						emp.	•		

recorded at the top of this form.

. Remarks <u>Ke</u>	Applicable Manufacturer's Data Reports to be attached
	from valve assembly. VT-2 was performed on R57143-31
	Ref. JO:C22012-2 File: 2-RC-102-L1 ISI Class: 1
	•
	CERTIFICATE OF COMPLIANCE
<u>replaceme</u>	ify that the statements made in the report are correct and this ent conforms to the rules of the ASME Code, Section XI. replacement
Type Code	Symbol Stamp N/A
Signed Fra	the of Authorization No. N/A Expiration Date N/A ink Prsarsky. Maint Eng Supervisor Date 5/30 , 1996 where or Owner's Designee, Title
	2
	CERTIFICATE OF INSERVICE INSPECTION
and Pressur byARKWRI	rsigned, holding a valid commission issued by the National Board of Boiler e Vessel Inspectors and the State or Province of <u>Michigan</u> and employed GHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS.
$\frac{9-1/-96}{}$ and belief,	ted the components described in this Owner's Report during the period to
By signin warranty, e described i employer sh	g this certificate neither the Inspector nor his employer makes any xpressed or implied, concerning the examinations and corrective measures n this Owner's Report. Furthermore, neither the Inspector nor his all be liable in any manner for any personal injury or property damage or ny kind arising from or connected with this inspection.
212 M	terspeugh Commissions MICH 0055, FNO NÉI
Inspecto	r's Signature National Board, State, Province, Endorsements
Date <u>Jun</u>	*FACTORY MUTUAL SYSTEM

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

<u>,</u> 1.	Owner <u>IND</u> I	ANA MICHIGAN Name	POWER CO	OMPANY -	Date_0	95-24-96	5			
-	P.O. Box	60 Fort Wayne Address	, IN 46	5801	Sheet	1	of <u>2</u>	-		
2.	2. Plant. D.C. COOK NUCLEAR POWER PLANT Unit # 2 Name									
	One Cook	Place, Bridgm Address	an, MI 4	19106			-102-L2, \ O. No., Job			
	3. Work Performed by Maintenance Department Name Same as #2 Address Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A									
	(a) Applicab (b) Applicab Summe:	cion of System cle Const. Code l cle Edition of Se cr 1983 Addenda cion of Component	ANSI B31 ection XI	.1_19_{ Utilized	33Ed., N/ for Repairs	AAdd.	acements 19	83,		
	Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)		
2.	-RC-102-L2	-	,		LICACION					
st	cem assy Hisc)	Conval			M&E# 30-035574 ASP#13759	n/a	replace	NO		
-							-			
7.	Description	of Work	(See Rem	arks)						
8.		.: ted: Hydrostati			cNom	inal Ope	rating Pres	sure		
		Other			•		r			
) (1) inc	E: Suppleme size is 8-1 :luded on eac	ental sheets in f ./2 in. x 11 in., th sheet, and (3) top of this for	form of li (2) info	sts, ske	tches, or dr in items 1 t	awings mah	ay be used, on this re	provided port is		

. Remarks		ace the disc/stem assem	
	Applicable Manufa	cturer's Data Reports to be	attached
		*	
		•	•
	_ _		•
	Ref. JO:C22014-2	File: 2-RC-102-L2	ISI Class: 1
	- F &	v ,	
·			
	•		
	CER	RTIFICATE OF COMPLIANCE	
			•
We cert	ify that the statemen	ts made in the report are co	orrect and this
	replacement	to the rules of the ASME Coo	de, Section XI.
repair, or	repracement		
Type Code	Symbol StampN/A_		
			•
Certificat	ge of Authorization No	•N/A Expiration	DateN/A
Signad Exa	nk Pisarsky, Maint En	- Sunami san Bana 6/2 -	, 19 <u>96</u>
	Owner or Owner's Desig	nee Title	, 19 76
A 4 = 2	·	, 11010	
• • •	\$		
		t .	
÷ •	CERTIFIC	ATE OF INSERVICE INSPECTION	
		•	
I, the unde	ersigned, holding a va	lid commission issued by the	National Board of Boiler
and Pressur	e Vessel Inspectors a	nd the State or Province of	Michigan and employed
		of <u>NORWOOD</u> , MA	
4-11-56	to 4-13-94	, and state that to	the best of my knowledge
and belief,	the Owner has perfor	med examinations and taken o	corrective measures
described i	n this Owner's Report	in accordance with the requ	irements of the ASME
Code, Secti		•.•	
		ither the Inspector nor his	
described i	n this Owner's Penort	concerning the examinations . Furthermore, neither the	Inspector nor his
		manner for any personal inju	
a loss of a	my kind arising from	or connected with this inspe	ection.
-100	1 - 1		
77771		missions Michooss, End N	
Inspecto	or's Signatyre	National Board, Stat	e, Province, Endorsements
	•	*FACTORY MUTUAL	SYSTEM
Date Tove	13 19 96		
		4	

	1. Owner AMERICAN ELECTRIC POWER Date 05/07/96								
	P.O. Box	Name 60 Fort Wayne	Sheet	Sheet1of2					
	Address								
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2 Name									
	One Cook	Place, Bridgm Address	nan, MI	49106			R1415 & 14		
	3. Work Perfor	med by <u>Install</u>	lation S	ervices	Туре С	ode Symb	ol Stamp <u>N</u>	•	
	_Same_as		Name				No. <u>N/A</u> e <u>N/A</u>		
	<u> </u>	Address			EXPIL	acton bac	.c <u>.w/x</u>		
	4. Identificat	ion of System _	CONTAIN	MENT SP	RAY	ASI	ME CODE CI	ASS 2	
	5. (a) Applicab (b) Applicab	ole Const. Code , ole Edition of S	ANSI B31 ection XI	<u>.1</u> 19 <u> </u>	83Ed., N I for Repairs	/A Add	N/A acements 19	Code Case	
	Summe	r 1983 Addend	<u>a`</u>		-	_	·		
	6. Identificat	ion of Componen	ts Repaire	ed or Rep	placed and Re	placemen	t Component:	5	
	Name of Component	Name of	Manuf.	Nat.	Other		Repaired Replaced	ASME Code Stamped	
	Component	Manufacturer	Serial No.	Board No.	Identi- fication	Year Built	Replace- ~		
:	2-GCTS-R713A 1/4" CS PLATE	DUBOSE NATIONAL ENERGY SERVICES	ASP# 18638	n/a	A36 (90)	N/A	REPLACE- ~ MENT	NO	
	2-GCTS-R713A 3/8" CS PLATE	DUBOSE NATIONAL ENERGY SERVICES	ASP# 17466	n/A	A36 (93A)	n/A	REPLACE- MENT	NO	
	2-GCTS-R713A 3/8" CS PLATE	DUBOSE STEEL	ASP# 13808	N/A	A36 (90)	N/A	REPLACE- MENT	ио	
	2-ACTS-R821 1½" SCH 80 CS PIPE	DUBOSE NATIONAL ENERGY SERVICES	ASP# 17210	N/A	SA106 GR B	n/A	REPLACE- MENT	NO	
	7. Description	of Work MODI	FIED SUP	PORTS 2	-GCTS-R713	A AND 2	-ACTS-R82	1	
;	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure								
b	X A/M	Other I	Pressure _	N/A	psi Tes	t Temp.	N/A	_°F	
:	(1) size is 8-1, included on eac	ntal sheets in f /2 in. x 11 in., h sheet, and (3) top of this for	(2) info	rmation	in items 1 th	hrough 6	on this rep	ort is	

ð	9.	Remarks	Applicable Manufacturer's Data Reports to be attached
			Ref. JO: C25545-01 DESIGN CHANGE: RFC-3113
			REPAIR/REPLACEMENT TRAVELLER: RR95-1415 ISI CLASS: 2
			CERTIFICATE OF COMPLIANCE
		REPLACEMEN	replacement the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.
		Type Code	Symbol Stamp N/A
		Certificat	e of Authorization No. N/A Expiration Date N/A
		{ •	1600
	-	Signed <u>Wa</u> Or	Wayne Cretsinger, Senior Planner Date MAY 30 , 19 96 Owner or Owner's Designee, Title
			CERTIFICATE OF INSERVICE INSPECTION
v		and Pressure by ARKWRIG have inspect	rsigned, holding a valid commission issued by the National Board of Boiler e Vessel Inspectors and the State or Province of <u>Michigan</u> and employed GHT MUTUAL INS. CO. of <u>WALTHAM, MASS</u> . ted the components described in this Owner's Report during the period to <u>6-2-9</u> , and state that to the best of my knowledge
	6	and belief,	the Owner has performed examinations and taken corrective measures n this Owner's Report in accordance with the requirements of the ASME
		By signing	g this certificate neither the Inspector nor his employer makes any xpressed or implied, concerning the examinations and corrective measures
,	6	described in employer sha	n this Owner's Report. Furthermore, neither the Inspector nor his all be liable in any manner for any personal injury or property damage or my kind arising from or connected with this inspection.
	-	MA ME	Commissions Mick 0955 End 1) IT r's Signature National Board, State, Province, Endorsements
	r	Date <u>Tine</u>	<u>7 19 96</u>

•••

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

NIS-2-105-96

1. Owner Il	DIANA MICHIGAN	POWER C	OMPANY	Date _	05/0	02/96			
Name									
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2									
. 2. Plant D.									
2. Plant <u>D</u>	Name	R FONER	FUANI	Onic _					
One Coo	k Place, Bridg	man, MI	49106			R/R14			
	Address	•		Repair	Org. P.O	. No., Job	No., etc		
3. Work Per	formed by <u>Instal</u>	<u>lation S</u> Name	<u>ervices</u>			ol Stamp <u>N</u> No. <u>N/A</u>	I/A		
Same					tion Dat				
	Address								
4. Identifi	cation of System .	MAIN ST	EAM .		ASI	ME CODE CI	ASS 2		
	cable Const. Code						Code Case		
	cable Edition of S mer 1983 Addend		Utilized	i for kepairs	or kepi	acements 19	83,		
6. Identifi	cation of Componer	nts Repair	ed or Rep	placed and Re	placemen	t Component	s		
		1	1	T		Τ	T		
					İ	Repaired Replaced	ASME Code		
Name of Component	Name of	Manuf. Serial	Nat. Board	Other	Year	or Replace-	Stamped (Yes		
2-MS-108-2	Manufacturer	No.	No.	Identi- fication	Built	ment	or No)		
4" SCH 80 C PIPE	CONSOLIDATED POWER SUPPLY	ASP# 13928	N/A	SA106 GR B (89)	N/A	REPLACE- MENT	ио		
4" SCH 80 C 90° ELBOW	CONSOLIDATED POWER SUPPLY	ASP# 13283	N/A	SA234 WPB (90)	N/A	REPLACE- MENT	ИО		
4" SCH 80 S	MIDCO PIPE CO.	ASP# 732	N/A	A234 WPB - (76)	n/A	REPLACE- MENT	МО		
4" 600 ERV- BW SS NOZZL CHECK VALVE	•	ASP# 17023	N/A	PD96717 (A8383D) S/N# 10198	1994	REPLACE- MENT	NO		
7. Descript:	on of Work REMO	OVE AND F	REPLACE	EXISTING C	HECK VA	LVE 2-MS-	108-2		
8. Test Cond	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X								
N/A	N/A Other Pressure N/A psi Test Temp. N/A °F								
IOTE . Supple	mental sheets in	form of li	icte eko	tahaa an dr	auinaa m	ar he ugod	provided		

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

9.	Remarks _							
7	_	Applicable Manufacturer's Data Reports to be attached						
		Ref. JO: C26972-04 DESIGN CHANGE: MM441						
		REPAIR/REPLACEMENT TRAVELLER: RR95-1451 ISI CLASS: 3						
		REPAIR/REPLACEMENT TRAVELLER: RR95-1451 151 CLASS: 3						
e		,						
	4							
		· CERTIFICATE OF COMPLIANCE						
	We cer	tify that the statements made in the report are correct and this						
-	REPLACEM	ENT conforms to the rules of the ASME Code, Section XI.						
	repair or	replacement						
ł	Type Code Symbol StampN/A							
	Certificate of Authorization No. N/A Expiration Date N/A							
	Signed Wayne Cretsinger, Senior Planner Date MAY 6, 1996							
	Signed <u>Wayne Cretsinger, Senior Planner</u> Date <u>MAY 0</u> , 19 <u>46</u> Owner or Owner's Designee, Title							
	*							
		CERTIFICATE OF INSERVICE INSPECTION						
	T the unde	ersigned, holding a valid commission issued by the National Board of Boiler						
	and Pressur	re Vessel Inspectors and the State or Province of Michigan and employed						
	by <u>ARKWR</u>	IGHT MUTUAL INS. CO. of WALTHAM, MASS. Cted the components described in this Owner's Report during the period						
j	1-31-70	5^{-24-9} , and state that to the best of my knowledge						
	and belief,	, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME						
1	Code, Secti	ion XI.						
	By signir warranty.	ng this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures						
	described i	in this Owner's Report. Furthermore, neither the Inspector nor his						
	employer sha loss of a	hall be liable in any manner for any personal injury or property damage or any kind arising/from or connected with this inspection.						
	man r							
1	Inspecto	Commissions Fiel OOSS, End M.F. I Dr's Signature National Board, State, Province, Endorsements						
	Date May	24 19 96						
1								

• and the state of t

A. Sec.

NIS-2-104-96

5	1. Owner <u>l</u>	INDIA	ANA MICHIGAN Name	POWER C	Date _	05/0	2/96		
	P.O. E	30x 6	50 Fort Wayne	e, IN 4	6801	Sheet	1	of2	
	2. Plant <u>E</u>	D.C.	Address COOK NUCLEAR	POWER	PLANT	Unit _	#	22	
	One Co	ook E	Name Place, Bridgm	nan, MI	49106	<u>C269</u>	73-01	 R/R14	52
Address Repair Org. P.O. No., Job No., etc							No., etc		
	3. Work Pe	rform		<u>.ation_S</u> Name	<u>ervices</u>			ol Stamp <u>N</u> No. <u>N/A</u>	
	<u>Same</u>	_as	#2 Address		-····		tion Dat		
	4. Identif	icati	on of System _	MAIN ST	EAM		ASN	E CODE CL	ASS 2
	5. (a) Appl	icabl	e Const. Code	ANSI B31	<u>.1</u> 19 _	83Ed., N	/A_Add.	_N/A	Code Case
	(b) Appl	icabl	e Edition of Se 1983 Addenda	ection XI	Utilized	l for Repairs	or Repla	acements 198	33,
	6. Identification of Components Repaired or Replaced and Replacement Components								
			•					Repaired	ASME
D	Name of Component		Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi-	Year Built	Replaced or Replace- ment	Code Stamped (Yes or No)
	2-MS-108-3					fication	20120		02 1107
	4" SCH 80 PIPE	cs	CONSOLIDATED POWER SUPPLY	ASP# 13928	N/A	SA106 GR B (89)	N/A	REPLACE- MENT	NO
	4" SCH 80 90° ELBOW		CONSOLIDATED POWER SUPPLY	ASP# 13283	N/A	SA234 WPB (90)	N/A	REPLACE- MENT	NO
	4" 600 ERV BW SS NOZZ CHECK VALV	LE	ENERTECH	ASP# 17023	N/A	PD96717 (A8383D) S/N# 10200	1994	REPLACE- MENT	NO
	4" SCH 80 C		MIDCO PIPE CO.	ASP# 732	n/a	SA234 WPB	N/A	REPLACE: MENT	NO
	7. Descript	tion o	of Work <u>REMO</u>	VE AND R	EPLACE	EXISTING C	HECK VA	LVE 2-MS-	108-3
,	8. Test Cor	nducte	ed: Hydrostati	.c	Pneumati	c Nom	inal Oper	ating Press	ure X
	N/A] (Other F	ressure _	N/A	psi Tes	t Temp.	N/A	°F
	NOTE: Suppl (1) size is	lement 8-1/2	cal sheets in f 2 in. x 11 in.,	orm of li (2) info	sts, ske	tches, or dra in items 1 th	wings ma	y be used, on this rep	provided ort is

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

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9.	Remarks _	•						
)		Applicable Manufacturer's Data Reports to be attached						
		4						
		Ref. JO: C26973-01 DESIGN CHANGE: MM441						
		nenato (nenta comunim montrotton pode 1460 tot otales. 2						
		REPAIR/REPLACEMENT TRAVELLER: RR95-1452 ISI CLASS: 3						
		•						
	+	•						
								
		CERTIFICATE OF COMPLIANCE						
	We cer	tify that the statements made in the report are correct and this						
ĺ	<u>REPLACEM</u>	MENT conforms to the rules of the ASME Code, Section XI.						
	repair or	replacement						
	Type Code	Symbol Stamp N/A						
	Certificate of Authorigation No. N/A Expiration Date N/A							
İ	Signed Wayne Cretsinger, Senior Planner Date MAY 6 , 1996							
	Signed	Owner or Owner's Designee, Title						
)		CERTIFICATE OF INSERVICE INSPECTION						
	and Pressu	ersigned, holding a valid commission issued by the National Board of Boiler re Vessel Inspectors and the State or Province of Michigan and employed						
	by ARKWR	IGHT MUTUAL INS. CO. of WALTHAM, MASS. cted the components described in this Owner's Report during the period						
	11-15-95	to, and state that to the best of my knowledge						
		, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME						
	Code, Sect:	ion XI.						
		ng this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures						
	described :	in this Owner's Report. Furthermore, neither the Inspector nor his						
	a loss of	hall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.						
		or's Signature Commissions Methods & E. & N 1 = National Board, State, Province, Endorsements						
		\mathcal{O}						
	Date May	<u>v 23 19 90 </u>						
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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

Own	er <u>IND</u> I	ANA MICHIGAN Name	POWER CO	OMPANY		<u> 13-96</u>	5	
P.(D. Box	60 Fort Wayne	e, IN 46	5801	Sheet	1	of <u>2</u>	
2. Pla	nt <u>D.C.</u>	COOK NUCLEAR	R POWER I	PLANT	Unit _	6	# 2	
One	e Cook	Place, Bridgm Address	nan, MI 4	9106			54, (pipir O. No., Job	
	. Work Performed by <u>Maintenance Department</u> Type Code Symbol Stamp N/A Name Authorization No. N/A Expiration Date N/A							
		Address	, , , , , , , , , , , , , , , , , , ,		_	on bace	_N/_A	
4. Ide	ntificat	ion of System _	Chargi	ng and	Letdown			
		ole Const. Code , ole Edition of S						
(D)		r 1983 Addend		OCITIZEO		or kebr	acements 19	
6. Ide	ntificat	ion of Componen	ts Repaire			placemen	t Component	, s
Name Compo		Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-SV-5	<u></u>				22000201			
piping					existing	n/a	re-align	NO
		•						
					<u> </u>	<u> </u>	<u></u>	J
7. Des	cription	of Work	(See Rem	arks)				
8. Test	t Conduc	ted: Hydrostat	ic	Pneumati	.c Nom	inal Ope	rating Pres	sure
	N/A	Other <u>VT/PT</u>	<u>/RT</u> /VT-2	ressure	psi ′ T	est Temp	•	°F
(1) size	e is 8-1 d on eac	ental sheets in ./2 in. x 11 in. th sheet, and (3 top of this for	, (2) info) each she	rmation	in items 1 t	hrough 6	on this rep	ort is

	Applicable Manufac		
3	by welding to exis	ting fittings/piping	
-	ч		
• •	Ref. JO:C27073-4	File: 2-SV-54	ISI Class: 2
	•		•
*			
			•
*			
-	CERT	CIFICATE OF COMPLIANCE	•
We cer	tify that the statement	s made in the report are	correct and this
repair	conforms t	o the rules of the ASME (Code, Section XI.
repair or	replacement	•	
Type Code	Symbol StampN/A		-
Manual Pa			
Certifica	te or Authorization No.	N/AExpirat:	ion DateN/A
		4	•
Signed Er	ank Bigarghy Maint Eng	Supervisor Date 7	2.6 10.96
Signed Fr	ank Pisarsky, Maint Eng	Supervisor Date 7	26 , 1996
Signed Fr	ank Pisarsky, Maint Eng Owner or Owner's Design	Supervisor Date7	26 , 1996
Signed Fr	ank Pisarsky, Maint Eng Owner or Owner's Design	Supervisor Date 7	26 , 19 <u>96</u>
Signed Fr	ank Pisarsky, Maint Eng Owner or Owner's Design	Supervisor Date 7	26 , 19 <u>96</u>
	ank Pisarsky, Maint Eng Owner or Owner's Design	ee, Title Date 7	
: ,	ank Pisarsky, Maint Eng Owner or Owner's Design	ATE OF INSERVICE INSPECTI	
****	ank Pisarsky, Maint.Eng Owner or Owner's Design	Supervisor Date 7	ON -
I, the und	certification of Vessel Inspectors and	ATE OF INSERVICE INSPECTI- id commission issued by to	ON the National Board of Boile of <u>Michigan</u> and employe
I, the und and Pressu by _ARKWR	cersigned, holding a value Vessel Inspectors and IGHT MUTUAL INS. CO.*	ATE OF INSERVICE INSPECTI- id commission issued by to d the State or Province of	ON the National Board of Boile of <u>Michigan</u> and employe MASS.
I, the und and Pressu by _ARKWR have inspe	cersigned, holding a value Vessel Inspectors and IGHT MUTUAL INS. CO.*	ATE OF INSERVICE INSPECTI- id commission issued by to d the State or Province of	on the National Board of Boile of <u>Michigan</u> and employe MASS. eport during the period
I, the und and Pressu by ARKWR have inspe	CERTIFICA ersigned, holding a val re Vessel Inspectors an IGHT MUTUAL INS. CO.* cted the components des	id commission issued by to the State or Province of NORWOOD. cribed in this Owner's Re	on the National Board of Boile of <u>Michigan</u> and employe MASS. eport during the period to the best of my knowledge
I, the und and Pressu by ARKWR have inspe	CERTIFICA ersigned, holding a val re Vessel Inspectors an IGHT MUTUAL INS. CO.* cted the components des to	ATE OF INSERVICE INSPECTI id commission issued by to d the State or Province of	on the National Board of Boile of <u>Michigan</u> and employe MASS. eport during the period to the best of my knowledge
I, the und and Pressu by ARKWR have inspe 3-23-73 and belief described	CERTIFICA ersigned, holding a val re Vessel Inspectors an IGHT MUTUAL INS. CO.* cted the components des to 7-3/-96 , the Owner has perform in this Owner's Report	ATE OF INSERVICE INSPECTI id commission issued by to d the State or Province of	on the National Board of Boile of <u>Michigan</u> and employe MASS. eport during the period to the best of my knowledge
I, the und and Pressu by ARKWR have inspe 3-23-75 and belief described Code, Sect	CERTIFICA ersigned, holding a val re Vessel Inspectors an IGHT MUTUAL INS. CO.* cted the components des to	id commission issued by to the State or Province of NORWOOD. cribed in this Owner's Remainder of the state that the commission accordance with the remainder of the state of	the National Board of Boile of Michigan and employed MASS. eport during the period to the best of my knowledged a corrective measures equirements of the ASME
I, the und and Pressu by ARKWR have inspersed belief described Code, Sect By signi	CERTIFICA ersigned, holding a val re Vessel Inspectors an IGHT MUTUAL INS. CO.* cted the components des to, the Owner has perform in this Owner's Report ion XI. ng this certificate nei	id commission issued by to the State or Province of NORWOOD. cribed in this Owner's Remainations and taken in accordance with the restant there the Inspector nor his	the National Board of Boile of Michigan and employed MASS. eport during the period to the best of my knowledge of corrective measures equirements of the ASME is employer makes any
I, the und and Pressu by ARKWR have inspersed and belief described Code, Sect By signiful warranty,	certificate nei expressed or implied, c	ATE OF INSERVICE INSPECTI- id commission issued by to d the State or Province of, and state that to ed examinations and taken in accordance with the re- ther the Inspector nor his oncerning the examination	the National Board of Boile of Michigan and employed MASS. eport during the period to the best of my knowledge on corrective measures equirements of the ASME is employer makes any makes and corrective measures
I, the und and Pressu by ARKWR have inspe 3 - 23 - 73 and belief described Code, Sect By signiwarranty, described	CERTIFICA ersigned, holding a val re Vessel Inspectors an IGHT MUTUAL INS. CO.* cted the components des to, the Owner has perform in this Owner's Report ion XI. ng this certificate nei expressed or implied, c in this Owner's Report.	id commission issued by to the State or Province of NORWOOD. cribed in this Owner's Remainations and taken in accordance with the restriction of the Concerning the examination furthermore, neither the Inspector nor his oncerning the examination	the National Board of Boile of Michigan and employed MASS. eport during the period to the best of my knowledge on corrective measures equirements of the ASME is employer makes any and corrective measures and corrective me
I, the und and Pressu by ARKWR have inspe 3-23-73 and belief described Code, Sect By signiwarranty, described employer s	certificate neign this Certificate neign this	id commission issued by to the State or Province of NORWOOD. cribed in this Owner's Remainations and taken in accordance with the restriction of the concerning the examination furthermore, neither thanner for any personal in	the National Board of Boile of Michigan and employed MASS. Seport during the period to the best of my knowledged and corrective measures equirements of the ASME is employer makes any and corrective measures the Inspector nor his anjury or property damage or
I, the und and Pressu by ARKWR have inspe 3-23-73 and belief described Code, Sect By signiwarranty, described employer s	certificate neign this Certificate neign this	id commission issued by to the State or Province of NORWOOD. cribed in this Owner's Remaination accordance with the restriction of the State of the state of the	the National Board of Boile of Michigan and employed MASS. Export during the period to the best of my knowledge of corrective measures equirements of the ASME is employer makes any as and corrective measures he Inspector nor his anjury or property damage or spection.
I, the und and Pressu by ARKWR have inspe 3-23-73 and belief described Code, Sect By signiwarranty, described employer s	certificate neign this Certificate neign this	id commission issued by to the State or Province of NORWOOD. cribed in this Owner's Remaination accordance with the restriction of the State of the state of the	the National Board of Boile of Michigan and employed MASS. Export during the period to the best of my knowledge of corrective measures equirements of the ASME is employer makes any as and corrective measures he Inspector nor his anjury or property damage or spection.
I, the und and Pressu by ARKWR have inspe 3-23-75 and belief described Code, Sect By signiwarranty, described employer sa loss of	certificate neign this Certificate neign this	id commission issued by to the State or Province of NORWOOD. cribed in this Owner's Remainations and taken in accordance with the restriction of the examination of	the National Board of Boile of Michigan and employed MASS. Export during the period to the best of my knowledge of corrective measures equirements of the ASME is employer makes any as and corrective measures he Inspector nor his anjury or property damage or spection.
I, the und and Pressu by ARKWR have inspe 3-23-75 and belief described Code, Sect By signiwarranty, described employer saloss of Inspect	CERTIFICA ersigned, holding a val re Vessel Inspectors an IGHT MUTUAL INS. CO.* cted the components des to	id commission issued by to determine of NORWOOD. cribed in this Owner's Remainations and taken in accordance with the restriction of the concerning the examination furthermore, neither the anner for any personal in a connected with this instance of the connected with the connected with this instance of the connected with this instance of the connected with the connected with this instance of the connected with the connected with this instance of the connected with the c	the National Board of Boile ofMichigan and employed MASS. eport during the period to the best of my knowledge of corrective measures equirements of the ASME is employer makes any and corrective measures he Inspector nor his adjury or property damage or spection.
I, the und and Pressu by ARKWR have inspe 3-23-75 and belief described Code, Sect By signiwarranty, described employer sa loss of	CERTIFICA ersigned, holding a val re Vessel Inspectors an IGHT MUTUAL INS. CO.* cted the components des to	id commission issued by to the State or Province of NORWOOD. cribed in this Owner's Remainations and taken in accordance with the restriction of the examination of	the National Board of Boile of Michigan and employed MASS. Export during the period to the best of my knowledge of corrective measures equirements of the ASME is employer makes any and corrective measures he Inspector nor his anjury or property damage or spection.

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

1.					,		· NIS	-2-080-
	Owner IND	IANA MICHIGAN Name	POWER C	COMPANY	Date	12/	29/95	
	P.O. Box	60 Fort Wayn	e, IN 4	6801	Sheet	1	of2	· · · · · · · · · · · · · · · · · · ·
2.	Plant D.C.	COOK NUCLEA	R POWER	PLANT	Unit	##	2	
	One Cook	Place, Bridg Address	man, MI	49106			R1324, 13: P.O. No., J	
3.	Work Perfor		lation S Name	(t	Autho		ol Stamp <u>N</u> No. <u>N/A</u> ce <u>N/A</u>	I/A
	Identificat	ion of System _	CONTAIN	MENT SP	RAY	AS	ME CODE CI	LASS 2
· · ·	(b) Applicat <u>Summe</u>	ole Const. Code ble Edition of S r 1983 Addend tion of Componen	ection XI <u>a</u>	Utilize	d for Repairs	or Repl	acements 19	83,
	Name of omponent	Name of Manufacturer	Manuf. Serial	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stampe (Yes or No)
3 2	GCTS-R1 x 3 x % CS GLE	CONSOLIDATED POWER SUPPLY	ASP# 15971	N/A	A36 (90)	N/A	REPLACE- MENT	N/A
3/8	GCTS-R8 B" CS ATE	CONSOLIDATED POWER SUPPLY	ASP# 15946	N/A	A36 (91)	N/A	REPLACE- MENT	N/A
	GCTS-R15	DUBOSE NAT. ENERGY SERVICES	ASP# 17641	N/A	A500 GR B (93)	N/A	REPLACE-	N/A
4 x	BE STEEL	DERVICES			· • · · · · · · · · · · · · · · · · · ·		 	
4 x TUE	GCTS-R15	CONSOLIDATED POWER SUPPLY	ASP# 15971	N/A	A36 (90)	N/	REPLACE- MENT	N/A

	9.	Remarks					·
U		•	Applicab	ole Manufacturer	c's Data Re	ports to be a	ttached
-							
					t .		
			D-6 TO	G07000 06	22		
		<u>—</u> :	Rer. JU:	<u>C27333-06</u>	DES	IGN CHANGE:	: RFC-3113
			זמ/ מד גמים	יסיד. א ריפאקיאוידי יויסי	. מקדדים	DD0E-1324	ISI CLASS: 2
		_	KDFMIK/KE	SEUWCEMENT TV	AVBUUBK:	KK95-1524	151 CHA55: 2
	_						
				,			
			•	CERTIFICA	ATE OF COME	LIANCE	
		Wa sawkid	e what whe		'- '- +b- w	4	
		REPLACEMENT	y tnat the cor	e statements made nforms to the ru	ie in the r	eport are cor.	rect and this
		repair or re	placement	ITOLIIIS CO CIIG La.	TIED OF CITE	ASME COUE, U	eccion at.
		-	_		•		4
		Type Code Sy	mbol Stamp	N/A			
		Certificate	Af Authori	instin No.	AT /h	- Punivation	Date <u>N/A</u>
	}	I)	Jim Time	.2801011 110	N/A	_ expression .	DateN/A
•		Signed <u>Way</u>	ne Cretsin	nger, Senior Plan	nner D	ate DEC. 2	1945
		Own	er or Owne	er's Designee, T	litle	*	
	<u></u>						
_					-		
D				CERTIFICATE OF	F INSERVICE	INSPECTION	
3 11	1	T the unders	tened hel	dine a malid do	lasian i		wetters broad of Pollow
	1	and Pressure	Veggel Ins	ding a varia connectors and the	MWIBBIOU T	ssued by the i	National Board of Boiler Michigan and employed
	1	by ARKWRIGH	T MUTUAL I	NS. CO.	of	NORWOOD, MASS	S
	ĺ	have inspecte	d the comp	onents described	d in this	Owner's Report	t during the period
	1	7-3-95	to _	1-4-96	$\underline{}$, and sta	ate that to tl	he best of my knowledge
	1	and perier, c	he Owner na	as performed exa	aminations	and taken con	rrective measures rements of the ASME
	l	Code, Section	CHIS OWNER	a Keborc in acc	Cordance w.	ttu tue redara	dements of the ASME
	ĺ			ficate neither t	the Inspect	tor nor his er	mployer makes any
	l	warranty, exp	ressed or :	implied, concern	ning the ex	xaminations ar	nd corrective measures
	ł	described in	this Owner	's Report. Furt	thermore,	neither the In	nspector nor his
	l	employer snar	l be liable	e in any manner	for any pe	ersonal injury	y or property damage or
	i	_	_	ing from or conn		_	
	i	217 M	Inspus	Commission	ns Mish oc	SS. ENNNET	Province, Endorsements
	l	Inspector'	s Signature	e	National	Board, State,	Province, Endorsements
	i		U				
	i	Date Januar	a., 4	19_9८			
- 1	i .	Date	<u> </u>		•		

Same and the same · // . .

NI	rc_	.2_	. 07	'Ω_	.95
18	- 3-	• / -		Λ-	• 41:)

					•			
(2)	1. Owner <u>INDI</u>	ANA MICHIGAN Name	POWER C	OMPANY		12/2	9/95	
	P.O. Box	60 Fort Wayne	e, IN 4	6801	Sheet	1	of <u>3</u>	
	2. Plant <u>D.C.</u>	COOK NUCLEAR	POWER	PLANT	Unit _	##	2	
	One Cook Place, Bridgman, MI 49106 C27333-06 R/R1328, 1329 & 13 Address Repair Org. P.O. No., Job No., e							
	3. Work Performed by <u>Installation Services</u> Type Code Symbol Stamp <u>N/A</u> Name Authorization No. <u>N/A</u>							
	<u>Same as</u>	#2	Name			tion Date		
		Address	COMMA TAB			7 CN	ie code cl	300 3
		ion of System _					6	
	(a) Applicab(b) Applicab	le Const. Code . le Edition of S	ANSI B31 ection XI	<u>.1</u> 19 <u> </u>	83Ed., N for Repairs	<u>/A </u> Add. or Repla	N/A acements 198	Code Case
		c 1983 Addend			_	_	_	
	6. Identificat	ion of Componen	ts Repaire	ed or Rep	laced and Re	placement	Components	3
5	Name of Component	Name of Manufacturer	Manuf. Serial	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
	2-GCTS-R22 1/2" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15946	N/A	A36 (91)	N/A	REPLACE- MENT	ИО
	2-GCTS-R22 1/4" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 16192	N/A	A36 (90)	n/a	REPLACE- MENT	ио
	2-GCTS-R24: 1/2" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15946	N/A	A36 (91)	N/A	REPLACE- MENT	ио
	2-GCTS-R24 1/8" CS PLATE	HUB INC.	ASP# 16652	N/A	A570 GR 45 (92)	N/A	REPLACE- MENT	ио
Ì								
•	7. Description	of Work MODI	FIED SUP	PORTS 2	-GCTS-R22,	R24 AN	D R39	
8	8. Test Conduct	ted: Hydrostati	ic	Pneumati	c Nom.	inal Oper	ating Press	sure
	N/A X	Other	Pressure _	N/A	psi Tes	t Temp.	N/A	_°F
Í,	NOTE: Supplemen	ntal sheets in (form of li	sts. ske	tches. or dra	awings ma	v be used.	provided

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

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1	N	T	ς	_	2	_	n	7	Я	-	q	5
- 1		1	J	_	_		u		u	,-	_	•

_	1. Owner IND	IANA MICHIGAN	POWER C	OMPANY	Date _	12/	29/95	
,	P.O. Box	Name 60 Fort Wayne	e, IN 4	6801	Sheet	. 2	of3	4
		Address						
	2. Plant D.C.	. COOK NUCLEA	R POWER	PLANT	Unit _	##	22	
	One Cook	Place, Bridgi Address	man, MI	49106	<u>C2733</u> Repai	3-06 R/ r Org. P	R1328, 13	29 & 1330 b No., etc
-	3. Work Perfor	med by <u>Instal</u>	lation S	ervices	Type C	ode Symb	ol Stamp <u>N</u>	I/A [.]
	0		Name		Author	ization	No. <u>N/A</u>	
	Same as	#2 Address			Expira	tion Dat	e <u>N/A</u>	·
	4. Identificat	ion of System _	CONTAIN	MENT SP	RAY	ASI	ME CODE CI	ASS 2
	(b) Applicab	ole Const. Code ole Edition of S	ection XI	l.1_19 Utilized	83Ed., N l for Repairs	/A Add	N/A acements 19	Code Case
	Summe	r 1983 Addend	<u>a</u>	1			•	
•	6. Identificat	ion of Componen	ts Repair	ed or Rep	placed and Re	placemen	t Component	g
	Name of Component	Name of Manufacturer	Manuf. Serial	Nat. Board	Other Identi-	Year Built	Repaired Replaced or Replace-	ASME Code Stamped (Yes
			No.	No.	fication		ment	or No)
	2-GCTS-R39 3/4" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 14793	N/A	A36 (90)	N/A	REPLACE- MENT	ио .
	2-GCTS-R39 2 x 2 x % CS TUBE STEEL	HUB INC.	ASP# 16406	N/A .	A500 GR B (90)	n/a	REPLACE- MENT	NO
	2-GCTS-R39 3/4" HILTI BOLTS	HILTI	ASP# 14398	n/A	HILTI KBII (90)	n/a	REPLACE- MENT	ио
	7. Description	of Work MODI	FIED SUP	PORTS 2	-GCTS-R22,	R24 AN	D R39	JJ
į	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure							
	N/A X Other Pressure N/A psi Test Temp. N/A °F							
,	NOTE: Supplemen	otal shoots in 4	12			•		

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

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_	Remarks _	N/A	·					
Applicable Manufacturer's Data Reports to be attached								
~			•					
		Ref JO: C27333-06	DESIGN CHANGE: RFC3113					
		<u> </u>	DEGLOW CHANGE, RECOLLS					
		REPAIR/REPLACEMENT TRAV	VELLER: RR95-1328 ISI CLASS: 2					
		•	•					
			•					
	*	CERTIFICAT	E OF COMPLIANCE					
	٠							
	REPLACE	rtity that the statements made MENT conforms to the rule	in the report are correct and this es of the ASME Code, Section XI.					
	repair or	r replacement	or one name dodey become Ar.					
1			•					
	Type Code	e Symbol Stamp N/A	1					
-	Certificate of Authorization No. N/A Expiration Date N/A Signed Wayne Cretsinger, Senior Planner Date Dec. 19 , 19 95							
	Signed	Wayne Cretsinger, Senior Plann Owner or Owner's Designee, Tit	le Date Dec. V(, 19 t)					
		omice of omice b besignee, the						
•								
r		····						
m		CERTIFICATE OF	INSERVICE INSPECTION					
	T the und	dorgianod holding a malid somm	ission issued by the National Board of Boiler					
	and Pressu	ure Vessel Inspectors and the S	tate or Province of <u>Michigan</u> and employed					
	by ARKWE	RIGHT MUTUAL INS. CO.	of NORWOOD, MASS. in this Owner's Report during the period					
	have inspe	ected the components described	in this Owner's Report during the period					
- 1	and belief	f, the Owner has performed exam	, and state that to the best of my knowledge inations and taken corrective measures					
-	described	in this Owner's Report in acco	rdance with the requirements of the ASME					
- 1	Code, Sect		·					
ſ			e Inspector nor his employer makes any ng the examinations and corrective measures					
- 1	described	in this Owner's Report. Furth	ermore, 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 conne						
İ	MX1	Whites paugh Commissions	Mational Board, State, Province, Endorsements					
	Inspect	tor's Signature	National Board, State, Province, Endorsements					
	•	-						
	Date Jan	1002y 4 19 96						
,								

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Owner INDIANA MICHIGAN POWER COMPANY Name					Date02/19/96			
P.O. Box	60 Fort Wayne	e, IN 4	6801	Sheet	<u> </u>	of <u>2</u>		
2. Plant <u>D.C.</u>	COOK NUCLEAR	POWER	PLANT	Unit _	#	2		
One Cook Place, Bridgman, MI 49106 C27333-16 R/R1438 Address Repair Org. P.O. No., Job No., etc								
3. Work Performed by <u>Installation Services</u> Name Name Same as #2 Address Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>								
5. (a) Applicab (b) Applicab Summer	ion of System _ le Const. Code ? le Edition of Se c 1983 Addenda ion of Component	ANSI B31 ection XI <u>a</u>	.1_19 Utilized	83Ed., N for Repairs	/A_Add. or Repla	N/A acements 19	Code Case 83,	
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)	
2-GCCW-R300 3/8" CS PLATE	DUBOSE STEEL	ASP# 13808	n/a	A36 (90)	n/a	REPLACE- MENT	ио	
2-GCCW-R300 3/4" CS PLATE	DUBOSE STEEL	ASP# 12776	N/A	A36 (89)	N/A	REPLACE- MENT	по	
2-GCCW-R300 6 x 6 x % CS TUBE STEEL	DUBOSE NATIONAL ENERGY SERVICES	ASP# 14591	N/A	A500 GR B (90)	N/A	REPLACE- MENT	NO	
2-GCCW-R300 1/2" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15650	N/A	A36 (89)	N/A	REPLACE- MENT	NO	
-	of Work <u>MODI</u> ted: Hydrostati		PORT 2	e-GCCW-R300		rating Press	sure	
N/A X	Other I	Pressure _			t Temp.		_°F	
1) size is 8-1	/2 in. x 11 in.,	(2) info	rmation	in items 1 tl	arough 6	on this rev	ort is	

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

• •

9 Remarks _	•						
; —	Applicable Manufacturer's Data Reports to be attached						
1							
•	Ref. JO: C27333-16 DESIGN CHANGE: RFC3113						
٠	DEDATE (DEDI AGRADIT EDATE TED DE CARA TOT GIAGO						
	REPAIR/REPLACEMENT TRAVELLER: RR95-1438 ISI CLASS: 2						
 							
	CERTIFICATE OF COMPLIANCE						
We cert	ify that the statements made in the report are correct and this						
	ENT conforms to the rules of the ASME Code, Section XI. replacement						
. repair or	repracement						
Type Code	Type Code Symbol StampN/A						
Certificat	Certificate of Authorization No. N/A Expiration Date N/A						
Signed Wayne Cretsinger, Senior Planner Date APRIL, 27, 1996							
Signedn	Owner or Owner's Designee, Title						
,	* Designed, little						
							
	CERTIFICATE OF INSERVICE INSPECTION						
	CBRITTICATE OF INDERVICE INDEECTION						
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 <u>ARKWRI</u>	GHT MUTUAL INS. CO of of waltham, mass.						
nave inspec	ted the components described in this Owner's Report during the period						
and helief	to <u>1/-22-96</u> , and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures						
described i	n this Owner's Report in accordance with the requirements of the ASME						
Code, Section XI.							
By signin	g this certificate neither the Inspector nor his employer makes any						
warranty, e	warranty, expressed or implied, concerning the examinations and corrective measures						
described in this Owner's Report. Furthermore, neither the Inspector nor his							
employer sh	loyer shall be liable in any manner for any personal injury or property damage or						
a loss or a	ny kind arising from or connected with this inspection.						
21811/2	Missions Missions End NET						
Inspecto	r's Signature National Board, State, Province, Endorsements						
	industrial board, odded, frovince, bidorsements						
_							
Date Rord	<u> 19 96 </u>						

	Name		n le	,	r		
P.O. Box	60 Fort Wayne Address	. IN 46	801	Sheet	1	of <u>2</u>	<u> </u>
. Plant D.C.	COOK NUCLEAR	POWER P	LANT	Unit _		# 2	ŧ
One Cook	Place, Bridgm Address	an, MI 4	9106			2-IMO-128, D. No., Job	
. Work Perform	med by <u>Mainten</u> Nam		oartment	Authoriz		Stamp <u>N/</u> <u>N/A</u> N/A	
. Identificat	Address ion of System <u>R</u> e	eactor C	oolant	system		* ************************************	ı
(b) Applicab Summer	le Const. Code A le Edition of Se 1983 Addenda ion of Component	ection XI	Utilized	for Repairs	or Repla	icements 19 <u>8</u>	
Name of Component	Name of Manufacturer	Manuf. Serial	Nat. Board	Other "Identi-	Year Built	Repaired Replaced or Replace- ment	ASME Code Stampe (Yes or No)
त क्षेत्र प्रद टीन्स केस्स्य नसरक			· · · · · · · · · · · · · · · · · · ·	fication		¥	
2-IMO-128 Nuts		,		M&E#: 30-035910 ASP#10541	n/a	replace	NO
Studs		•		M&E#: 30-036000 ASP#10541	n/a	replace	ио
•							
-	of Work	•		c Nom	inal Ope	cating Press	sure
N/A	Other <u>VT-2.VT</u> F			psi Tes	t Temp.		_°F

9.	Remarks Grind weld to remove temp.leak seal clamp from body/bonnet join Applicable Manufacturer's Data Reports to be attached
	& blend metal by grinding, grind relief in gasket o.d. to seal
y	weld area, replace bolting & seal weld gasket joint.
	Ref. JO:C27358-4.6.6. File: 2-IMO-128 ISI Class: 1
	CERTIFICATE OF COMPLIANCE
2 1	We certify that the statements made in the report are correct and this replacement/repair conforms to the rules of the ASME Code, Section XI. repair or replacement
7.	Type Code Symbol Stamp N/A
	Certificate of Authorization NoN/A Expiration DateN/A
	CERTIFICATE OF INSERVICE INSPECTION
i i i i i i i i i i i i i i i i i i 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 _ARKWRIGHT_MUTUAL_INSCO.* ofNORWOOD, MASS. Have inspected the components described in this Owner's Report during the period
	2
D	Pate May 30 19 96

1. Owner <u>IND</u>	<u>IANA MICHIGAN</u> e	POWER C	COMPANY	Date_0	4-19-96	5	_
P.O. Box	60 Fort Wayn Address	e, IN 4	.6801 ,:	Sheet	1	of2	·
2. Plant D.C	. COOK NUCLEA	R POWER	PLANT .	Unit	#_;	2	
One Cook	Place, Bridg Address	man. MI		<u>C27493</u> ir Org. P.O.			132-4
3. Work Perfo	rmed by <u>Mainte</u> : #2 Address	nance De Name	epartmer	Autho	rization	ol Stamp <u>N</u> No. <u>N/A</u> e <u>N/A</u>	
5. (a) Applical	tion of System_ble Const. Code	ANSI B3	<u>1.1</u> 19 _				
- "Summe	ble Edition of Ser 1983 Addens	la	•			New our E	
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	. Other Identi- fication	Year Built	RepairedR eplacedor Replace- ment	ASME Code Stamped (Yes or No)
2-FW-132-4	existing body material: SA-216 grWCB	n/a	n/a	n/a	n/a	Welding to pressure retaining part and machining	ио
_	n of Work			. [7]			` []
8. Test Conduc	oted: Hydrosta	لـــا	Pneumat	· · ·	_	rating Press	<u> </u>
(1) size is 8-	ental sheets in 1/2 in. x 11 in ch sheet, and (., (2) inf	formation	in items 1 t	hrough 6	on this rep	ort is

9. Remarks Weld anti rotation lug to disc/ material stand/comm grade and
Applicable Manufacturer's Data Reports to be attached
machined valve bonnet/body per Engineering direction which is
cluded seal welding body to bonnet joint and bolting.
Ref. JO:C27493-5 File: 2-FW-132-4 ISI: 2
and the second s
ORDITATOLINA OR COMPLEXAVOR
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Welding to press part 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 Frank Pisarsky, Maint Eng. Supervisor Date 5/30 , 1976 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed by <u>ARKWRIGHT MUTUAL INS. CO.*</u> of <u>NORWOOD, MASS.</u>
have inspected the components described in this Owner's Report during the period
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Commissions Mich 0055, ENCLINET
Inspector's Signature Commissions Minh 20055, ENCLINET National Board, State, Province, Endorsements
Date Jone 19 96 *FACTORY MUTUAL ENGINEERING ASSOCIATION
<u> </u>
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				·		· · · · · · · · · · · · · · · · · · ·		
1. C	wner <u>INDI</u> Name	ANA MICHIGAN	POWER CO	OMPANY	Date _	04-11	-96	_
î .	2.O. Box	60 Fort Wayne Address	, IN 46	5801 	Sheet	1 .	of2	· · · · · · · · · · · · · · · · · · ·
2 F	Plant D.C.	COOK NUCLEAR	POWER I	PLANT	Unit	.	# 2	·
<u>(</u>	One Cook	Place, Bridgm Address		9106			-CCR-460 D. No., Job	No., etc
	ork Perfor	med by <u>Maintte</u> #2	nance De Name	partmen	Autho	rization	ol Stamp <u>N</u> No. <u>N/A</u> e <u>N/A</u>	
		Address ion of System <u>C</u>	omponent	Coolir	_ <u>,</u>		NH16-1	
) Applicat	ole Const. Code A ble Edition of Se r 1983 Addenda	ection XI			Δ Add.	\/\	
6. 1	dentificat	ion of Component	s Repaire	ed or Rep	:	placement	Component:	3
	nme of nponent	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-00	CR-460	Neles Jamesbury		·	fication P.O.# 66047- 042-6X ASP# 18728	n/a	replaced	ио
								,
7. D	escription	of Work	(See Rem	arks)				
8. T	est Conduc	ted: Hydrostati	ic	Pneumati	cNom	inal Oper	rating Press	sure <u>√</u>
			: Supple	mental s	heets in for	n of list	s, sketches	s, or
throu	gh 6 on th	used, provided is report is inc s is recorded at	(1) size	is 8-1/2 each she	in. x 11 in et, and (3)	., (2) in	formation :	in items 1

CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Expiration Date N/A Signed Frank Pisarsky. Maint Eng. Supervisor Date S/A, 19 94 Commer or Owner's Designee, Title Norman Supervisor Date S/A, 19 94 CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boi and Pressure Vessel Inspectors and the State or Province of Michigan and emplo by ARKENGHT MUTUAL INS. CO.* of NORMOOD MASS. have inspected the components described in this Owner's Report during the period 3/11/95 to 4/1/96 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 or his employer shall be liable in any manner for any personal injury or property damage a loss of any kind arising from or connected with this inspection. Manual Commissions Mala Cost Fully Transpector's Signagine Commissions Mala Cost Fully Transpector's Signagine National Board, State, Province, Endorseme National Board, State, Province, Endorseme Paper Cost Province Commissions Mala Cost Fully Transpector's Signagine National Board, State, Province, Endorseme National Board, State, Province, Endorseme Paper Cost Province Province Cost Paper Cost Province Province Paper Cost Paper Co	Remarks R	eplace valve by Applicable Mar	<u>welding</u> hufacturer's Data Repo	rts to be atta	ached
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 Frank Pisarsky, Maint Eng. Supervisor Date 3/6, 19 9/6 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boi and Pressure Vessel Inspectors and the State or Province of Michigan and emplo by ARKWAIGHT MUTUAL INS. Co.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 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 measure 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 a loss of any kind arising from or connected with this inspection. Machinary Signature Commissions Machinary State, Province, Endorseme					
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 Frank Pisarsky, Maint Eng. Supervisor Date 3/6, 19 9/6 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boi and Pressure Vessel Inspectors and the State or Province of Michigan and emplo by ARKWAIGHT MUTUAL INS. Co.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 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 measure 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 a loss of any kind arising from or connected with this inspection. Machinary Signature Commissions Machinary State, Province, Endorseme				•	
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 Frank Pisarsky, Maint Eng. Supervisor Date 3/6, 19 9/6 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boi and Pressure Vessel Inspectors and the State or Province of Michigan and emplo by ARKWAIGHT MUTUAL INS. Co.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 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 measure 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 a loss of any kind arising from or connected with this inspection. Machinary Signature Commissions Machinary State, Province, Endorseme					
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We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Expiration Date N/A Signed Frank Pisarsky. Maint Eng. Supervisor Date B/C, 1996 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boi and Pressure Vessel Inspectors and the State or Province of Michigan and employ ARKWRIGHT MUTUAL INS. Co.* of NORWOD, MASS. Alexander to G/7/9C, and state that to the best of my knowled 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 measured 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 a loss of any kind arising from or connected with this inspection. Mathematical Commissions Mathematical Board, State, Province, Endorseme	•				
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 Frank Pisarsky, Maint Eng. Supervisor Date B/C, 1996 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boi and Pressure Vessel Inspectors and the State or Province of Michigan and emplo by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD. MASS. have inspected the components described in this Owner's Report during the period 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 measured 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 a loss of any kind arising from or connected with this inspection. Commissions Mathors End Note Code, State, Province, Endorsements of Signature National Board, State, Province, Endorsements of State, Province, Endorsements			CERTIFICATE OF COMPL	IANCE	
replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Expiration Date N/A Signed Frank Pisarsky. Maint Eng. Supervisor Date B/C, 1996 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boi and Pressure Vessel Inspectors and the State or Province of Michigan and emplo by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD. MASS. have inspected the components described in this Owner's Report during the period 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 measured 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 a loss of any kind arising from or connected with this inspection. MARMILLA PALLE COMMISSIONS MALL COSTS FAMILE Inspector's Signature National Board, State, Province, Endorsements of the Asminational Board, State, Province, Endors	Wa aaw	uisi whom who swow	omenta made in the year	entine gove	at and this
Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Expiration Date N/A Signed Frank Pisarsky. Maint Eng. Supervisor 'Date 9/L , 19 9 L Certificate of Owner's Designee, Title Owner or Owner's Designee, Title Certificate of Inservice Inspection I, the undersigned, holding a valid commission issued by the National Board of Boi and Pressure Vessel Inspectors and the State or Province of Michigan and emplo by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD. MASS. have inspected the components described in this Owner's Report during the period 3/21/95 to 6/1/96, and state that to the best of my knowled 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 a loss of any kind arising from or connected with this inspection. Manual State Province, Endorseme National Board, State, Province, Endorseme					
Signed Frank Pisarsky, Maint Eng Supervisor Date 8/6 , 19 9/6 Owner or Owner's Designee, Title				· ·	
Signed Frank Pisarsky, Maint Eng Supervisor Date 8/2 , 19 9/2 Cowner or Owner's Designee, Title	Timo Codo	Simbol Stamp	NT / TA	el t	1.7
Signed Frank Pisarsky, Maint Eng Supervisor Date 8/2 , 19 9/2 Cowner or Owner's Designee, Title	Type code	Symbor Stamp	- 16 week	.*	
Signed Frank Pisarsky Maint Eng Supervisor Date 0, 1996 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boi and Pressure Vessel Inspectors and the State or Province of Michigan and emplo by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD. MASS. have inspected the components described in this Owner's Report during the period 3/21/95 to 6/2/96, and state that to the best of my knowled 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 measured 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 a loss of any kind arising from or connected with this inspection. Matterparts Commissions Mill cost End NET. Inspector's Signature Commissions Mational Board, State, Province, Endorsement	Certificat	te of Authorization	n No. <u>N/A</u>	Expiration Da	te <u>N/A</u>
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boi and Pressure Vessel Inspectors and the State or Province of Michigan and employ ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3/21/95 to 6/2/96, and state that to the best of my knowled 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 measure 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 a loss of any kind arising from or connected with this inspection. Mathetic Maintain Commissions Michos Full Note Inspector, Endorsement National Board, State, Province, Endorsement		(015-11)			
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and Pressure Vessel Inspectors and the State or Province of Michigan and employer ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3/21/95 to 6/2/96, and state that to the best of my knowled 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 measured 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 a loss of any kind arising from or connected with this inspection. **Mattachase** Commissions** *Mill coss***, End NII*** Inspector's Signature** National Board, State, Province, Endorsements** National Board, State, Province, Endorsements**	gi T	CERT	TFICATE OF INSERVICE	INSPECTION	
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employer shall be liable in any manner for any personal injury or property damage a loss of any kind arising from or connected with this inspection. **Machine Loss Fully Tools Fully Not Tools Signature National Board, State, Province, Endorsement	•				
a loss of any kind arising from or connected with this inspection. **Mathematical Commissions Mich coss, End NII Inspector's Signature National Board, State, Province, Endorsement					
Inspector's Signature Commissions Mill coss, End NII National Board, State, Province, Endorsement					
Inspector's Signature National Board, State, Province, Endorseme	a loss of	any kind arising i	rom or connected with	cuis inspecci	on.
Inspector's Signature National Board, State, Province, Endorseme	'MaM	1 tomanal	Commissions Multipos	E. ONT	
Date	Inspect		National I	Board, State,	Province, Endorsement
Date = 7 m 19 9 6	Aver	sr 6	*FAC	TORY MUTUAL SY	STEM
	Date 500		96		

Owner <u>INDI</u>	ANA MICHIGAN Name	POWER CO	OMPANY	Date <u>0</u>	5-01-96	5	
P.O. Box	60 Fort Wayne	e, IN 40	5801	Sheet .	<u>ı</u>	of2	
2. Plant D.C.	COOK NUCLEAR	POWER 1	PLANT	Unit		# 2	•
One Cook	Place, Bridgm Address	nan, MI	19106			-462 3"vlv	
Same as #2	med by <u>Mainter</u> Na 2 Address ion of System _	me		Authoriz	ation No on Date	1 Stamp <u>N/</u> . <u>N/A</u> . N/A	
5. (a) Applicab (b) Applicab Summer	le Const. Code le Edition of S r 1983 Addend	ANSI B31 ection XI a	.1 19 8 Utilized	33Ed., N/	A Add	N/A acements 19	83.
Name of Component	. Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-CCR-462 3" globe vlv	Neles Jamesbury			P.O.#: 66046- 042-6 ASP#18728	n/a	replace	NO
							·
	of Work						sure
N/A	Other <u>VT/PT/</u> RT/	VT-2 Press	sure	psi	Test T	'emp	°F

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

9. Remarks <u>val</u>	ve was replaced b			
- U	Applicable Manufac	turer's Data Reports to	be attached	_
.4	4770]	7: and are 3 a 1 - 7	MOD!! 123 C	
<u>**</u>	valve was specia	I ordered & had no	M&E#, therefore, no	issue
G.	lin is available	MMS & Temp sarean	records are included	1
. 32.	ITO TO AVAITABLE.	MMS & Temp screen	records are Included	
win s *I	RefJO:C27971-3	File:2-CCR-462	ISI Class:	2/3
	. 4			
*	•			
50 r	*			
-44	CER!	TIFICATE OF COMPLIANCE		
<u>.</u>		•		
We certif	y that the statement	s made in the report a	re correct and this	
		o the rules of the ASM	E Code, Section XI.	
repair or re		•		
Tyme Code Sy	mbol StampN/A	* * * * * * * * * * * * * * * * * * *	e .	
Type code by	mor scampNA		4	
Certificate	of Authorization No.	N/AExpira		-
1 \(\(\alpha_k \)		•		``
Signed Frank	Pisarsky, Maint.Eng	Supervisor Date	5/10 , 19 <u>96</u>	
Own	er or Owner's Design	ee, Title	1	
L	-			
,	- b. é. á.			
<u> </u>			· · · · · · · · · · · · · · · · · · ·	
	CERTIFIC	ATE OF INSERVICE INSPEC	TION .	
*			В	
I, the unders	igned, holding a val	id commission issued by	y the National Board of I	Boiler
and Pressure	Vessel Inspectors an	d the State or Province	e of <u>Michigan</u> and emp	ployed
have inspecte	d the components dos	of NORWOOD	Report during the period	,
3/23/95	to 6/7/96	and state that	t to the best of my know.	l lođao
and belief, t	he Owner has perform	ed examinations and tal	ken corrective measures	reage
described in	this Owner's Report	in accordance with the	requirements of the ASM	3
Code, Section	XI.	•		
By signing	this certificate nei	ther the Inspector nor	his employer makes any	
warranty, exp	ressed or implied, o	oncerning the examinat:	ions and corrective measu	ıres
described in	tnis Owner's Report.	Furthermore, neither	the Inspector nor his	
a loss of any	kind arising from o	r connected with this :	injury or property damag	ge or
4 1055 01 41.9	Alia alising/liom o	t connected with this .	inspection.	
117 Mus	lecapace Comm	issions Michouss, End	ルギェ	
Inspector	s Signature		State, Province, Endorse	ements
			•	*
nata = .	5	*FACTORY M	JTUAL SYSTEM	
Date June	<u>7</u> 19 <u></u> 9ර	 		•
ĺ				

				-			•
. Owner IND	ANA MICHIGAN Name	POWER CO	MPANY	Date <u>0</u>	<u>5-13-96</u>	-	·
' P.O. Box	60 Fort Wayne Address	IN 46	801	Sheet .	1	of2	
2. Plant D.C.	. COOK NUCLEAR	POWER F	PLANT	Unit	-	# 2	
One Cook	Place, Bridgm Address	nan, MI 4	9106			- <u>S562. sn</u> D. No., Job	
3. Work Performance Same as #			oartmeni		ation No.	Stamp <u>N/</u> N/A N/A	
5. (a) Applical (b) Applical	Address tion of System_R ole Const. Code a ole Edition of So r 1983 Addenda	ANSI B31 ection XI	<u>.1</u> _19 _	83Ed., N/	AAdd.	N/A	Code Case
6Identificat	tion of Component	ts Repaire	ed or Rep	laced and Re	placement	t Component	: S
Name of Component	Name of Manufacturer	Manuf. Serial	Nat. Board No.	Other	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes
				fication			,
2-GRC-S562		æ					
Config."A"kit	Grinnell			M&E#: 30-040550 ASP#17863	n/a	replace	мо
		· · · · · · · · · · · · · · · · · · ·				ļ. 	
		•					
7. Description	n of Work	(See Rem	arks)				
8. Test Conduc	cted: Hydrostat	ic	Pneumati	.c Nom	inal Ope	rating Pres	sure
N/A	Other VT-3	/4_ Pressu	ıre	psi	Test Te	mp	°F
(1) size is 8-1 included on eac	ental sheets in : 1/2 in. x 11 in. ch sheet, and (3) e top of this fo	, (2) info) each she	rmation	in items 1 t	hrough 6	on this re	port is

Appli	cable 'Manufacturer's Da	ta Reports to be	
<u>a contr</u>	ol valve block and	reservoir on th	ne existing snubber
per MM	-300.	· · · · · · · · · · · · · · · · · · ·	
Ref. Jo	O:C28206-1 File:	2-GRC-S562	ISI Class: 1
	•		
	CERTIFICATE OF	COMPLIANCE	•
We certify that replacement repair or replaceme Type Code Symbol St	•	the report are co	errect and this
Certificate of Auth	orization No. N/A kv. Maint Eng Superviso wner's Designee, Title	r Date 5/29.	
2			
•	CERTIFICATE OF INSI	RVICE INSPECTION	•
and Pressure Vessel by ARKWRIGHT MUTUA have inspected the c 2-22-50 and belief, the Owne described in this Own Code, Section XI. By signing this ce warranty, expressed described in this Own employer shall be li	Inspectors and the State L INS. CO.* of of omponents described in of the control of the contro	norwood, MA this Owner's Repo nd state that to tions and taken c nce with the requ nspector nor his the examinations ore, neither the any personal inju d with this inspe	rt during the period the best of my knowledge orrective measures irements of the ASME employer makes any and corrective measures Inspector nor his ry or property damage or ction.
Date June 17	19_96	*FACTORY MUTUAL	SYSTEM .

AS Required by the Provisions of the ASME Code Section XI

	E.O. DOM	Address		/ O V ±	oneec .		·	
2.	Plant D.C.	COOK NUCLEAR	POWER I	PLANT	Unit		# 2	
	One Cook F	Place, Bridgm Address	an. MI 4	19106	<u>C28207-1,</u> Repair		S575, snu). No., Job	
3.	Work Perform Same as #2			partment		ation No.	Stamp N/ N/A N/A	
4.	Identificati	Address on of System <u>R</u>	eactor C	oolant	system			
	(b) Applicabl - <u>Summer</u>	e Const. Code A e Edition of Se 1983 Addenda	ection XI	Utilized	for Repairs	or Repla	cements 198	33,
· ·	·Identificati	on of Component	s Repaire	· · · · · · · · · · · · · · · · · · ·	Taced and Re	olacement	: Components	3 1
	Name of Component	Name of Manufacturer	Manuf. Serial	Nat. Board No.	Other	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
					fication	,		
2	2-GRC-S575		·					
	Configuration A" kit				M&E#: 30-040550 ASP#17863	n/a	replace	NO
_			•					
				<u></u>			, , , , , , , , , , , , , , , , , , ,	<u> </u>
7.	Description	of Work	(See Rem	arks)	/////////////////////////////////////			
	Test Conduct	ed: Hydrostati	Lc	Pneumati	.c Nom	inal Oper	ating Pres	sure
3.								•

. Remarks <u>Pe</u>	Applicable Manufacturer's Data Reports to be attached
	valve block and reservoir was installed on the
	existing snubber
•	Ref. JO:C28207-1 File: 2-GRC-S575 ISI Class: 1
••	
• •	CERTIFICATE OF COMPLIANCE
replacement repair or	ify that the statements made in the report are correct and this nt conforms to the rules of the ASME Code, Section XI. replacement Symbol StampN/A
Certificat Signed Fra	e of Authorization No. N/A Expiration Date N/A N/A Expiration Date N/A N/A Expiration Date N/A N/A Expiration Date N/A N/A Expiration Date N/A N/A Expiration Date N/A N/A Expiration Date N/A N/A Expiration Date N/A
el .	
	CERTIFICATE OF INSERVICE INSPECTION
and Pressure by ARKWRIC have inspect 2-22-95 and belief, described in Code, Section By signing warranty, ex described in employer sha a loss of an	g this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his all be liable in any manner for any personal injury or property damage or my kind arising from or connected with this inspection. **Commissions** Mich 6055, ENLINGE**
Inspector	r's Signature National Board, State, Province, Endorsements
	*FACTORY MUTUAL SYSTEM M

. Owner INDI	Name	POWER CO	STIP FULL	Dace <u>v</u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
P.O. Box	60 Fort Wayne Address	IN 46	6801	Sheet	1	of2	
2. Plant <u>D.C.</u>	COOK NUCLEAR	POWER 1	PLANT	Unit		# 2	
One Cook	Place, Bridgm Address	an, MI	19106			S582, snu	
. Work Perfor	2	nance Dep me	partmen		ation No.	Stamp <u>N/</u> . <u>N/A</u> . N/A	
. Identificat	Address ion of System _	Reacto	or Coola	ant system		*	
(b) Application Summe:	ole Const. Code on the Edition of Son 1983 Addendation of Componen	ection XI a	Utilized	for Repairs	or Repla	acements 19	83,
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi-	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-GRC-S582							
Config."A" Kit	Grinnel			M&E#: 30-040550 ASP#17863	n/a	replace	МО
. Description	of Work	(See Rem	narks)				
	ted: Hydrostát			·	inal Oper	cating Press	sure_
	Other VT-3			. •	_	~	-
1) size is 8-1 ncluded on eac	ental sheets in : 1/2 in. x 11 in. th sheet, and (3) top of this fo	, (2) info) each she	ormation	in items 1 t	hrough 6	on this rep	port is

9.	Remarks .	Install a Configuration "A" kit which consists of a Applicable Manufacturer's Data Reports to be attached
		control valve block and reservoir
		Ref. JO:C28208-1 File: 2-GRC-S582 ISI Class: 1
		CERTIFICATE OF COMPLIANCE
		* • •
	<u>replace</u>	rtify that the statements made in the report are correct and this ment conforms to the rules of the ASME Code, Section XI. replacement
		e Symbol Stamp <u>N/A</u>
		ate of Authorization NoN/A Expiration DateN/A
		rank Pisarsky. Maint Eng Supervisor Date 529 , 1976 Owner or Owner's Designee, Title
	1*	
		CERTIFICATE OF INSERVICE INSPECTION
	and Pressu	dersigned, holding a valid commission issued by the National Board of Boiler are Vessel Inspectors and the State or Province of <u>Michigan</u> and employed RIGHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS.
]	have inspe	ected the components described in this Owner's Report during the period
•	and petiei	to 6-17-96, and state that to the best of my knowledge f, the Owner has performed examinations and taken corrective measures
Č	Code, Sect	in this Owner's Report in accordance with the requirements of the ASME
(warranty, described employer s	expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.
_		Thurspangh Commissions MICL 0055 ENCRIPT
	Inspect	cor's Signature National Board, State, Province, Endorsements
. 1	Date Tun	*FACTORY MUTUAL SYSTEM
		· •

P.O. Box	60 Fort Wayne Address	. IN 40	6801	Sheet	1	of <u>2</u>	•
2. Plant <u>D.C.</u>	COOK NUCLEAR	POWER 1	PLANT	Unit _		# 2	
One Cook I	Place, Bridgm Address	nan, MI	49106			569-L, snu D. No., Job	
Same as #2	ned by <u>Mainter</u> Nam		oartmen	Authoriz		Stamp <u>N/</u> N/A	
i. Identificati	Address on of System _	Blowdo	own syst	em		3	
(b) Applicabl Summer	e Const. Code A le Edition of So 1983 Addenda Lon of Component	ection XI	Utilized	l for Repairs	or Repla	acements 1.9§	33,
sad . Yer		Manuf.	Nat.	Other		Repaired Replaced	ASME Code Stamped
Name of Component	Name of Manufacturer	Serial No.	Board No.	Identi-	Year Built	Replace-	(Yes or No)
2-GBD-S569-L				fication			
configuration "A" kit				M&E#: 30-040550 ASP#17863	n/a	replace	ио
. Description	of Work	(See Rem	arks)				
Test Conduct	ed: Hydrostati	ic	Pneumati	c Nom	inal Oper	ating Press	sure
· · · · · · · · · · · · · · · · · · ·							

, 16ma-115	Applicable Manufacturer's Data Reports to be attached
ē.	which consists of a control valve block and reservoir per
	MM-300
•	Ref. JO:C28216-1 File: 2-GBD-S569-L ISI Class: 2
	· · · · · · · · · · · · · · · · · · ·
	CERTIFICATE OF COMPLIANCE
<u>replace</u>	rtify that the statements made in the report are correct and this ment conforms to the rules of the ASME Code, Section XI. r replacement
Type Cod	e Symbol Stamp <u>N/A</u>
Signed F	ate of Authorization NoN/A Expiration DateN/A
e v	*Owner or Owner's Designee, Title
*	
•	CERTIFICATE OF INSERVICE INSPECTION
and Press by <u>ARKW</u>	dersigned, holding a valid commission issued by the National Board of Boiler ure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed RIGHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS.
and belied	ected the components described in this Owner's Report during the period to 6-17-96, and state that to the best of my knowledge f, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME
By sign warranty,	tion XI. ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his
employer :	shall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.
Inspec	tor's Signature National Board, State, Province, Endorsements
	*FACTORY MUTUAL SYSTEM
Date Jun	ve 17 19 56

P.O. Box	60 Fort Wavne	. IN 40	6801	Sheet	1	of2	•
	Address		•				
. Plant <u>D.C.</u>	COOK NUCLEAR	POWER	PLANT	Unit _		. # 3	
One Cook	Place, Bridgm Address	an, MI 4	19106			-S569-U, s	
. Work Perfor			partment	Authoriz	ation No.	Stamp <u>N/</u> . <u>N/A</u> N/A	
. · Identificat	Address cion of System <u>B</u>	lowdown	piping		<u>.</u>		
(b) Applicate Summe	ole Const. Code and the Edition of Section of Component	ection XI a,	Utilized	for Repairs	or Repla	acements 19	83,
	a		1 -	ь	• .	Repaired -	
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat Board No.	Other Identi-	Year Built	Replaced or_ Replace- ment	Code Stamped (Yes or No)
. •				fication			
				fication		£	
2-GBD-S569-U Suppressor				M&E#: 30-024695 ASP#858	n/a	replace	ИО
2-GBD-S569-U Suppressor	•			M&E#: 30-024695	n/a	replace	NO
2-GBD-S569-U Suppressor assy.				M&E#: 30-024695	n/a	replace	NO
2-GBD-S569-U Suppressor				M&E#: 30-024695	n/a	replace	NO
2-GBD-S569-U Suppressor	of Work	(See Rem	narks)	M&E#: 30-024695 ASP#858	n/a	replace	NO
2-GBD-S569-U Suppressor assy.	of Work	•		M&E#: 30-024695 ASP#858			

Remarks		crut/supporessor assemb	
	existing snubber.	· · · · · · · · · · · · · · · · · · ·	
	**note: this snubl	per had a config "A" kit	previously installe
	Ref. JO:R42489	File:2-GBD-S569-U	ISI Class: 2
	*		-
	CER	TIFICATE OF COMPLIANCE	
replace	rtify that the statemen ment conforms r replacement	ts made in the report are co to the rules of the ASME Cod	errect and this le, Section XI.
Type Cod	e Symbol Stamp <u>N/A</u>		
, Signed F	rank Pisarsky, Maint Encountry Owner or Owner's Design	N/A Expiration Supervisor Date 5/38 nee, Title	Date <u>N/A</u> , 19 <i>9</i> 4
	CERTIFIC	ATE OF INSERVICE INSPECTION	
have inspersed by ARKW have inspersed by ARKW have inspersed by S-9 and believed	re Vessel Inspectors as RIGHT MUTUAL INS. CO.* ected the components described to 6-/7-96, the Owner has perform in this Owner's Report	lid commission issued by the nd the State or Province of	Michigan and employe SS. rt during the period the best of my knowledge orrective measures
By sign: warranty, described employer:	ing this certificate ne expressed or implied, in this Owner's Report shall be liable in any n	ither the Inspector nor his concerning the examinations . Furthermore, neither the manner for any personal injustry connected with this inspe	and corrective measures Inspector nor his ry or property damage or
2127	Tutespuel com	nissions Michous, ENDNE	
Inspect	cor's Signature '	National Board, Stat	e, Province, Endorsement
Date Jv	ve /7 19 96	*FACTORY MUTUAL	SYSTEM .
	a .		

. Owner <u>INDI</u>	ANA MICHIGAN Name	POWER CO	OMPANY	Date_()5-07-96		
P.O. Box	60 Fort Wayne	e, IN 40	5801	Sheet	1	of2	
2. Plant D.C.	COOK NUCLEAR	R POWER I	PLANT	Unit _	, ,	# 2	
One Cook	Place, Bridgm Address	nan, MI 4	19106			BD-S569-U, D. No., Job	
Same as #2		me	•	Authoriz Expirati	ation No	Stamp <u>'N/</u> . <u>N/A</u> N/A	
5. (a) Applicab (b) Applicab <u>Summer</u>	le Const. Code le Edition of S c 1983 Addend	ANSI B31 ection XI a	.1 19	83Ed., N/	or Repla	acements 19	83.
Name of Component	Name of Manufacturer	Manuf. Serial No	Nat. Board No.	Other Identi-	Year ;	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-GBD-S569-U		<u> </u>		fication			
Configuration "A" kit	·			M&E#: 30-040600 ASP#17850	n/a	replace	NO
_	of Work				inal Open	rating Pres	sure
N/A	Other_VT-3	/4 Pressu	ıre	psi	Test Te	mp	°F
(1) size is 8-1	ntal sheets in /2 in. x 11 in. h sheet, and (3	, (2) info	rmation	in items 1 t	hrough 6	on this rep	port is

9. Remarks	Install a configuration "A" kit per MM-300 to existing
	Applicable Manufacturer's Data Reports to be attached
	snubber which consists of a control valve block and reservoir
	SHARRY WHICH CONDIDES OF A CONCIOL VAIVE DIOCK AND TESETVOIT
	•
	Ref. JO:C28218-1 File: 2-GBD-S569-U ISI Class: 2
*	·
øc'	CERTIFICATE OF COMPLIANCE
We co	ertify that the statements made in the report are correct and this
	ement conforms to the rules of the ASME Code, Section XI.
	or replacement
Type Coo	de Symbol Stamp <u>N/A</u>
Certific	eate of Authorization NoN/A Expiration DateN/A
' `	. (d) ()
,, Signed . F	Frank Pisarsky, Maint Eng Supervisor Date 5/30 , 19 96 .
Fig. 4	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the un	dersigned, holding a valid commission issued by the National Board of Boiler
and Press	sure Vessel Inspectors and the State or Province ofMichigan_ and employed
by ARKY	RIGHT MUTUAL INS. CO.* of NORWOOD, MASS. ected the components described in this Owner's Report during the period
2-22-95	to 6-17-96, and state that to the best of my knowledge
and belie	ef, the Owner has performed examinations and taken corrective measures
described	l in this Owner's Report in accordance with the requirements of the ASME
Code, Sec	
by sign	ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures
described	in this Owner's Report. Furthermore, neither the Inspector nor his
employer	shall be liable in any manner for any personal injury or property damage or
a loss of	any kind arising from or connected with this inspection.
M2 11	Tuters paux Commissions Mich 0055, END NET
Inspec	tor's Signature National Board, State, Province, Endorsements
5200	indicated board, beace, Flovince, Endorsements
	*FACTORY MUTUAL SYSTEM
Date Ju	<u>19 96</u>
	·

. Owner <u>INDI</u>	ANA MICHIGAN Name	POWER CO	YMAAMY	Date <u>O</u>	5-07-9	6 .	
P.O. Box	60 Fort Wayne Address	e. IN 46	801	Sheet	1	of 2	· · · · · · · · · · · · · · · · · · ·
2. Plant D.C.	COOK NUCLEAR	R POWER I	PLANT	Unit _		# 2	······································
One Cook	Place, Bridgm Address	nan, MI 4	9106			-S575, snu	
3. Work Perfor	med by <u>Mainten</u> Nam	_	partment		ation No	l Stamp <u>N/</u> . <u>N/A</u> N/A	
	Address ion of System <u>S</u>			_			
5. (a) Applicab (b) Applicab Summer	le Const. Code and le Edition of Section 1983 Addendation of Component	ANSI B31 ection XI a	. <u>l</u> 19 <u>{</u> Utilized	33Ed., N/	or Repl	acements 19	83,
. , , , , , , , , , , , ,	-	· -			-		- ^ /
paulinecodis / // b		Manuf.	Nat.	Other	t. ray	Repaired Replaced	ASME Code Stamped
Name of Component	· Name of Manufacturer	Serial No.	Board No.	Identi-	Year Built	Replace-	(Yes or No)
			٠,	fication			<u> </u>
2-GSI-S575	<u></u>						
configuration "A" kit		,		M&E#: 30-040551 ASP#18172	n/a	replace	ио
·····							
					<u> </u>		<u> </u>
. Description	of Work	(See Rem	arks)				
. Test Conduc	ted: Hydrostat:	ic	Pneumati	cNom	inal Ope	rating Pres	sure
N/A	Other <u>VT-3/4</u>	Pressure _		psi Tes	t Temp.		_°F
(1) size is 8-1, included on eacl	ntal sheets in 1 /2 in. x 11 in., h sheet, and (3) top of this for	, (2) info each she	rmation	in items 1 t	hrough 6	on this re	port is

11011101110	er MM-300, a configuration "A" kit was installed Applicable Manufacturer's Data Reports to be attached
,	The state of the s
	· · · · · · · · · · · · · · · · · · ·
•	Ref. JO:C28221-1 File: 2-GSI-S575 'ISI Class: 2
€ 1 H	a w = w
4	' .
•	CERTIFICATE OF COMPLIANCE
We cert	rify that the statements made in the report are correct and this
	conforms to the rules of the ASME Code, Section XI.
repair or	replacement
Time Code	Symbol StampN/A
Type code	Symbol Stamp
Certificat	e of Authorization No. N/A Expiration Date N/A
	IN Pisarsky, Maint Eng. Supervisor Date 5/0 , 1996
Signed Fra	(N) () (nk Pisarsky, Maint Eng Supervisor Date 5/00 , 1996 Owner or Owner's Designee, Title
	wher or owner a beardnes, little
* *	
	4
* '	CERTIFICATE OF INSERVICE INSPECTION
I, the unde	ersigned, holding a valid commission issued by the National Board of Boile reversel Inspectors and the State or Province of <u>Michigan</u> and employe
bv ARKWRI	GHT MUTUAL INS. CO. * of NORWOOD, MASS.
have inspec	ted the components described in this Owner's Report during the period
2-22-95	to 6-6-96, and state that to the best of my knowledge
and belief,	the Owner has performed examinations and taken corrective measures
described i Code, Secti	n this Owner's Report in accordance with the requirements of the ASME
	ng this certificate neither the Inspector nor his employer makes any
	expressed or implied, concerning the examinations and corrective measures
described i	n this Owner's Report. Furthermore, neither the Inspector nor his
employer sh	hall be liable in any manner for any personal injury or property damage or
a loss of a	my kind arising from or connected with this inspection.
Mann	atispeauel Commissions Mich 2055, END NST
	or's Signature National Board, State, Province, Endorsement
•	- Comment and the comment and
Doho Tra	FACTORY MUTUAL SYSTEM 27
Date <u>ינדט</u> א	<u>e 6 19 96</u>
,	v .

P.O. Box 6	60 Fort Wayne Address	. IN 46	801	Sheet .	11	of2	
2. Plant <u>D.C.</u>	COOK NUCLEAR	POWER P	PLANT	Unit		# 2	·
One Cook I	Place, Bridgm Address	an. MI 4	19106			S-S61 snuk . No., Job 1	
3. Work Perform Same as #2	ned by <u>Mainten</u> Nar Address	- ··· - -	partment	Authoriz	ation No	Stamp <u>N/</u> . <u>N/A</u> N/A	
4. Identificati	ion of System <u>C</u>	ontainme	nt Spra	v .	я 		
	le Const. Code I le Edition of Se 1983 Addenda	ection XI					
6. Identificati			d or Rep	laced and Re	placemen	t Component	3
	· .	Manuf.	Nat.	Other		Repaired Replaced or	ASME Code Stamped
Name of Component	Name of Manufacturer	Serial	Board No.	Identi-	Year Built	Replace- ment	(Yes or No)
2-GCTS-S61							
Configuration "A" kit	Grinnell			M&E#: 30-040551 ASP#15697	n/a ·	replace	NO
•							
		•					
	l						L
7. Description	of Work	(See Rem	arks)				
8. Test Conduct	ed: Hydrostati	ic	Pneumati	cNom	inal Ope	rating Pres	sure

	'Applicable Manufactu		ata Reports to be	attached
•	Ref. JO:C28222-1 F	ile:	2-GCTS-S61	ISI Class: 2
•				
-	CERTI	FICATE O	ь сомъгічися	,
<u>replacem</u>	tify that the statements			
-	replacement .: Symbol StampN/A	• •	7. P	
Signed Fr	te of Authorization No.	- Superviso	or Date Su	n Date <u>N/A</u>
. .		. , .	,	
	- CERTIFICAT	E OF INS	RVICE INSPECTION	۲
and Pressu	ersigned, holding a valid re Vessel Inspectors and IGHT MUTUAL INS. CO.*	the Stat	e or Province of	e National Board of Boile <u>Michigan</u> and employe
have inspe 2-22-95 and belief described	ted the components described to 6-6-96, the Owner has performed in this Owner's Report in	ribed in, a d examina	this Owner's Repeated state that to	ort during the period the best of my knowledge corrective measures
warranty, described employer s	ng this certificate neith expressed or implied, cor in this Owner's Report.	ncerning Furthern nner for	the examinations nore, neither the any personal injury	and corrective measures Inspector nor his ury or property damage or
	or's Signature Commis	ssions	Mich 0055, ENDA	u f'I
Tusbect	or.a signazure	nat	ional Board, Star ************************************	te, Province, Endorsement
Date Jun	<u>= 6 19 76</u>		~rACIORI MOTUA	L SISIEM

	IDIANA MICHIGAN Name	'		Date_U	<u>5-29-96</u>	<u> </u>	
P.O. Bo	ox 60 Fort Wayne Address	e, IN 46	801	Sheet	1	of <u>2</u>	
. Plant. D.	.C. COOK NUCLEAR	R POWER I	PLANT	Unit _		# 2	
One Coo	ok Place. Bridgr Address	man, MI 4	<u>19106</u>			D-152, vlv D. No., Job	
. Work Per		me	partmen	Authoriz	ation No	Stamp <u>N/</u> . <u>N/A</u> . N/A	
	Address cation of System _	4	surize	-	On Dace .	_N/A	
(b) Appli Sum	cable Const. Code cable Edition of S	ection XI <u>a</u>	Utilized	l for Repairs	or Repl	acements 19	83.
. Identifi	cation of Componen	kepaire	ed or ker	laced and ke	pracemen	7414	
		Manuf.	Nat.	Other		Repaired Replaced or	ASME Code Stamped
Name of Component	Manufacturer	No.	Board No.	Identi-	Year Built	Replace-	or No)
Component	Manufacturer		L	Identi- fication			
Component 2-NMO 152	1		L		Built		•
Component	Manufacturer Velan SA-182 grFXM-		L	fication .	Built	ment replace	or No)
Component 2-NMO 152	Manufacturer Velan SA-182 grFXM-		L	fication .	Built	ment replace	or No)
Component 2-NMO 152 Wedge	Manufacturer Velan SA-182 grFXM-	No.	No.	fication 30-044148 ASP#18328	Built	ment replace	or No)
Component 2-NMO 152 Wedge	Velan SA-182 grFXM- 19 w/Stellite	No.	No.	fication 30-044148 ASP#18328	Built n/a	replace & machine	NO .

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

Remarks_N	Applicable Manufa		ata Reports to be	
		•		
	Ref. JO:C28267-2	: File:	2-NMO-152	ISI Class: 1
				- -
	CE	RTIFICATE (OF COMPLIANCE	17.10
_replacem	rtify that the statement ment/repair conforms replacement			
Type Code	e Symbol StampN/A			
Signed Fr	ate of Authorization No.	ng Supervis	or Date S/30	Date <u>N/A</u>
g Vi		•	*	
1	CERTIFI	CATE OF INS	SERVICE INSPECTION	
and Pressur by ARKWR have insperience of the control of the contro	re Vessel Inspectors and the Components deced the components deceded the components deceded the Components deceded the Components deceded the Components Report in this Owner's Report in this Certificate nexpressed or implied, in this Owner's Report in	and the Sta escribed in med examin t in accord either the concerning t. Further manner for or connect	the or Province of NORWOOD, MARK this Owner's Reportant that to actions and taken collaborations and the requirement of the examinations amore, neither the cany personal injuried with this inspected.	rt during the period the best of my knowledge orrective measures irements of the ASME employer makes any and corrective measures Inspector nor his ry or property damage or ction.
MA Mu Inspect	Lies paugh Coris Signature	mmissions Na	Milh ooss, End Nf.	c, Province, Endorsement
Date Ju	رو ۱۱ 19 9۵		*FACTORY MUTUAL	SYSTEM

As Required by the Provisions of the ASME Code Section XI

1.	Owner <u>INDI</u>	ANA MICHIGAN	POWER CO	OMPANY	Date_0)5 - 29-96	5	·		
)	,	Name								
	P.O. Box	60 Fort Wayne Address	, IN 46	801	Sheet	1	of2	•		
2.	Plant D.C:	COOK NUCLEAR	POWER	PLANT	Unit _		#_2			
	One Cook Place, Bridgman, MI 49106 C28268-2, 2-NMO-153, vlv Address Repair Org. P.O. No., Job No., etc									
3.	Work Perfor Same as #2		Authoriz	ation No	1 Stamp <u>N/</u> . <u>N/A</u> . N/A					
4.	Identificat	Address ion of System _	Pres	surizer	svstem	٧				
 6. 	5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components									
	Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)		
2.	-NMO 153	Velan			,		J*	# 4 -2		
We	edge	SA-182 grFXM- 19 w/Stellite		•	30-044148 ASP#18328	n/a	replace & machine	ио		
-										
7.	Description	of Work	(See Rem	arks)						
8.	Test Conduc	ted: Hydrostat:	ic	Pneumati	c Non	inal Ope	rating Pres	sure		
	N/A <u>√</u> _	Other	Pressu	ıre	psi	Test Te	emp.	°F		
(1) ind	size is 8-1 cluded on eac	ntal sheets in a /2 in. x 11 in., h sheet, and (3) top of this for	, (2) info each she	rmation	in items 1 t	hrough 6	on this re	port is		

. Remarks_	Replaced the valve's wedge per MM-526 and machined to fit.
	Applicable Manufacturer's Data Reports to be attached
	• • • • • • • • • • • • • • • • • • • •
	• .
	Ref. JO:C28268-2 File: 2-NMO-153 ISI Class: 1
l ● 1%	CERTIFICATE OF COMPLIANCE
	10 (
	rtify that the statements made in the report are correct and this
	ment/repair conforms to the rules of the ASME Code, Section XI.
repair o	or replacement
	And the second of the second o
Type Cod	le Symbol Stamp N/A
Certific	ate of Authoritation No. N/A Expiration Date N/A
¹ ø	NVA Chaming the Control of the Contr
Signed F	rank Pisarsky, Maint Eng. Supervisor Date 5/30 , 1996
	Owner or Owner's Designee, Title
. *	and the second of the second o
,	
a * t	
	*
	CERTIFICATE OF INSERVICE INSPECTION
I, the un	dersigned, holding a valid commission issued by the National Board of Boil
and Press	ure Vessel Inspectors and the State or Province of <u>Michigan</u> and employ
byARKW	RIGHT MUTUAL INS. CO.* of NORWOOD, MASS.
have inspe	ected the components described in this Owner's Report during the period
4-17-90	ω to ω , and state that to the best of my knowledg
and belie	f, the Owner has performed examinations and taken corrective measures
described	in this Owner's Report in accordance with the requirements of the ASME
Code, Sec	tion XT
	ing this certificate neither the Inspector nor his employer makes any
warrancy,	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 o
a loss of	any kind arising from or connected with this inspection.
met M	eteropaug Commissions Mich 0055, End NIT
Tusbec	tor's Signature National Board, State, Province, Endorsemen
	*FACTORY MUTUAL SYSTEM
Date Ju	مد // 19 9 6
	•

As Required by the Provisions of the ASME Code Section XI

P.O. Box	60 Fort Wayne	IN 46	801	Sheet _	1	of2	······································
Plant <u>D.C.</u>	COOK NUCLEAR		PLANT	Unit		# 2	
One Cook	Place, Bridgm Address	an, MI	19106	-		MO-200 . No., Job N	No., etc
Work Perfor	med by <u>Mainten</u> Nar 2		partmen	Authoriza	ation No	1 Stamp <u>N/</u> . <u>N/A</u> N/A	
Identificat	Address ion of System _	Ch	arging	system			
(b) Applicat Summe	ole Const. Code and the Edition of Section of Component	ection XI	Utilize	d for Repairs	or Repl	acements 19§	33.
	, A. + P	Manuf.	Nat.	Other		RepairedR eplacedor Replace-	ASME Code Stampe
Name of Component	Name of Manufacturer	Serial No.	Board No.	Identi- fication	Year Built	ment	(Yes or No)
2-QMO-200	Neles Jamesbury SA-351 grCF8M			P.O.# 02011 041 5 ASP#18583	n/a	replace	NO ,
	1			P.O.# 66174-042-5	n/a	replace	МО
pipe new k existing	SA-376 grTP304	,		ASP#18075		<u> </u>	
				ASP#18075 P.O.# 66153-042-5 ASP#18407	n/a	replace	NO
existing	grTP304 SA-403			P.O.# 66153-042-5	n/a	replace	NO
Lexisting Clbow Description	grTP304 SA-403	(See Rem		P.O.# 66153-042-5 ASP#18407			1

9.	Remarks Replace valve per MM-526(DCP-7) by welding. The prefab work
	Applicable Manufacturer's Data Reports to be attached
	for this valve & 2-QMO-201 was performed on the activity & the
	field installation for both valves was performed on C28271-2.
	Ref. JO:C28269-21/File:2-QMO-200 ISI Class: 2
-	
Ì	
	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 Authorfzation No. N/A Expiration Date N/A
,	Signed Frank Pisarsky, Maint. Eng. Supervisor Date 8 7/26, 1996 Owner or Owner's Designee, Title
<u> </u>	
	•
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed by <u>ARKWRIGHT MUTUAL INS. CO.*</u> of <u>NORWOOD, MASS.</u> have inspected the components described in this Owner's Report during the period
	$\frac{\sqrt{17-95}}{10}$ to $\frac{7-31-96}{10}$, and state that to the best of my knowledge
	and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME
	Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any
	warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
	MATTULISTANDE COmmissions Michouss, ENDNOT
	Inspector's Signature National Board, State, Province, Endorsements
	*FACTORY MUTUAL SYSTEM
L	

) 1.	Owner INDI	ANA MICHIGAN Name	POWER CO	OMPAŇY	Date 0	6-14-96	•		
	P.O. Box	60 Fort Wayne	, IN 46	801	Sheet	1	of2		
2.	Plant D.C.	COOK NUCLEAR	POWER F	PLANT	Unit _		# 2		
	One Cook Place, Bridgman, MI 49106 C28271-2, 2-QMO-201, 3" valve Address Repair Org. P.O. No., Job No., etc								
3.	Name . Authorization No. N/A Same as #2 Expiration Date N/A								
4.	Identificat	Address ion of System _	Chargin	g syste	em				
5.	(b) Applicab	ole Const. Code <i>l</i>	ection XI						
6.	т £ж ы :	r 1983 Addenda	1 1 5 92	ed or Rep	laced and Re	placement	t Components	3	
	stantar i • +		Manuf.	Nat.	Other	Ace in a second	Repaired Replaced or	ASME Code Stamped	
	Name of component	Name of Manufacturer	Serial No.	Board No.	Identi-	Year Built	Replace- ment	(Yes or No)	
<u> </u>					fication	′			
2-	QMO-201	Neles Jamesbury SA-351 grCF8M			P.O.# 02011 041 5 ASP#18583	n/a	replace	МО	
sh su	eel for im on pport GCS-L113	ASTM A-36			P.0.# 66040- 040-6 ASP#18613	n/a	replace _.		
Pi	pe	SA-376 grTP304			existing	n/a -	weld to	ио .	
	gle Steel GCS-L113	ASTM A-36			30-153017 ASP#12927	n/a	replace	ио	
7. 8.	_	of Work			C Nom	inal One:	rating Press		
NOT (1) inc	N/A_E: Suppleme size is 8-1 luded on eac	Other <u>VT/PT/</u> ental sheets in in./2 in. x 11 in./ ch sheet, and (3)	//MT/RT/VT form of li , (2) info	C-2/VT-3 ists, ske	Pressure tches, or dr in items 1 t	psi awings ma hrough 6	Test Temp. ay be used, on this rep	°F provided port is	

9. Remarks Replaced	valve by welding	in addition to	replacing shims and
	cable Manufacturer's		
angle s	teel to support 2	-GCS-L113 by we	lding. This work was
nerform	ed to MM-526(DCP-	7) **nrefah work	for both values
2-OmO-2	01 and 2-QMO-200	was performed or	n C28269-21 and field
	e on this job ord		Table V. N. S. C M. M M. M. M. M. M. M. M. M.
<u>Ref. J</u>	O:C28271-2 File:	2-QMO-201	ISI Class: 2
	* .		*
		· · · · · · · · · · · · · · · · · · ·	
		• •	
•	CERTIFICATE	OF COMPLIANCE	
We corrier than	the statements made	in the womant are	rauman and this
	conforms to the r		
repair or replacement		s- 4x=	
_ '	na 4a	*·	•
Type Code Symbol St	amp <u>N/A</u>		
Certificate of Auth	norization NoN/	A Expiration	on DateN/A
Signed Frank Pigars	ky. Maint Eng Superv	igor Date 7/25	, 1996
	wner's Designee, Tit		1 23 12
	4	7	
	-	•	
	CERTIFICATE OF I	NSERVICE INSPECTIO	ห .
4 15 4		, , , , , , , , , , , , , , , , , , ,	4
and Pressure Vessel	Inspectors and the S	tate or Province of	ne National Board of Boiler Michigan and employed
	L INS. CO.*		
nave inspected the c	components described :	in this Owner's kep . and state that to	port during the period the best of my knowledge
and belief, the Owne	r has performed exam	inations and taken	corrective measures
described in this Ow			quirements of the ASME
Code, Section XI.			•
	ertificate neither the		
	mer's Report. Furth		s and corrective measures
			jury or property damage or
a loss of any kind a	rising from or connec	cted with this insp	pection.
- And free	, uL	Mal aras s	Quit
Inspector's Sign	cure Commissions	Mational Board, Sta	ate, Province, Endorsements
_		* E3 C000 PA PAINT	AT. CVCTDM
Date August /	19 96	*FACTORY MUTU	W SISIEM
			,

3 1.	Owner <u>INDI</u>	ANA MICHIGAN Name	POWER CO	OMPANY	Date <u>0</u>	5-01-96	4			
¥	P.O. Box	60 Fort Wayne Address	, IN 46	5801	Sheet	<u> </u>	of2	•		
2.	Plant D.C.	COOK NUCLEAR	POWER I	PLANT	Unit '		# 2			
	One Cook Place, Bridgman, MI 49106 C28290-28, 2-OMO-225 2"vlv Address Repair Org. P.O. No., Job No., etc									
3.	Name Authorization No. N/A Same as #2 Expiration Date N/A									
4. 5.	(a) Applicab	Address ion of System _ ole Const. Code 2 ole Edition of Se	ANSI B31	<u>.1</u> 19 <u>8</u>	33Ed., N/	<u>A</u> Add.				
6.	facility days or	r 1983 Addenda	•	ed or Rep	laced and Re	placement	Component	5		
	Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)		
p)	-QMO-225 lug/Stem ssembly	•			ASP#18574 Part# 95S69428- 520C	n/a	replace	МО		
	7. Description of Work(See Remarks) 8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure									
	n/a <u>√</u>	Other	Pressure .		psi Tes	t Temp.		_°F		

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

9.	Remarks <u>Due to inadvertent over torquing during stroke test</u> , Applicable Manufacturer's Data Reports to be attached
	the valve's plug and stem assembly was replaced.
	the varve o play and seem assembly was replaced.
	Ref. JO:C28290-28 File:2-OMO-225 ISI Class: 2
	•
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this
	replacement conforms to the rules of the ASME Code, Section XI.
ì	
	Type Code Symbol StampN/A
ı	Certificate of Authorizacion NoN/A Expiration DateN/A
	Mall 11 con one of the
	Signed Frank Pisarsky, Maint Eng Supervisor Date 5/10 , 1976
	The state of the s
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler
	and Pressure Vessel Inspectors and the State or Province of Michigan and employed
	by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period
	1/9/05 to 3/2/90 , 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 National Board, State, Province, Endorsements
	Macional Boald, State, Flovince, Endoisements
	*FACTORY MUTUAL SYSTEM
	Date

NIS-2-110-	. 9 6

						MT	2-2-TT0-3	
1. Owner AME	RICAN ELECTRI Name	C POWER		Date	05/	07/96		
P.O. Box	P.O. Box 60 Fort Wayne, IN 46801 Address					_of2		
2. Plant <u>D.C</u>	. COOK NUCLEA . Name	R POWER	PLANT	Unit .	#	2	·	
One Cook Place, Bridgman, MI 49106 C28290-14 R/R1413 Address Repair Org. P.O. No., Job No., etc								
3. Work Performed by <u>Installation Services</u> Type Code Symbol Stamp N/A Name Authorization No. N/A								
Same as	Address					te <u>N/A</u>		
4. Identifica	tion of System	CHEMICA	L AND V	OLUME CONT	ROL AS	ME CODE C	LASS 2	
(b) Application	ble Const. Code ble Edition of S er 1983 Addend	Section XI	<u>l.1</u> 19 <u> </u>	83Ed., No Repairs	I/A Add s or Repl	. <u>N/A</u> acements 19	_Code Case 83,	
	tion of Componen		ed or Rep	olaced and Re	eplacemen	t Component	s	
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced Or Replace-	ASME Code Stamped (Yes or No)	
2-ACS-R914 3/8" x 2" U-BOLT	NPS INDUSTRIES	ASP# 13582	'N/A	SA36	N/A	REPLACE- MENT	NO	
2-ACS-R914 W4 x 13 BEAM	DUBOSE STEEL	ASP# 18081	N/A	A36 (90)	N/A	REPLACE- MENT	МО	
2-ACS-R914 1/2" CS PLATE	ENGERY & PROCESS CORP.	ASP# 17202	N/A	A36 (93a)	N/A	REPLACE- MENT	NO	
2-ACS-R914 1/2" HILTI BOLT	HILTI	ASP# 16478	N/A	HILTI KB II (93)	N/A	REPLACE- MENT	NO	
2-ACS-R914 3 x 3 x % CS ANGLE	CONSOLIDATED POWER SUPPLY	ASP# 15971	N/A ·	A36 (90)	N/A	REPLACE- MENT	ио	
. Description	of Work <u>REMO</u>	VED EXIS	TING AN	D INSTALLE	D NEW S	UPPORT 2-	ACS-R914	
. Test Conduc	ted: Hydrostati	ic .	Pneumati	c Nom	inal Oper	rating Press	sure	
N/A X	L	ressure _			t Temp.		_°F	
T) DIZE ID 0-T	ntal sheets in f /2 in. x 11 in., h sheet, and (3)	(2) into	rmation :	in items 1 th	irough 6	on this ren	provided ort is	

• 10 4

_			a description of the second
	9.	Remarks	
	•		Applicable Manufacturer's Data Reports to be attached
		¥	
		•	· ·
		•	Ref. JO: C28290-14 DESIGN CHANGE: DCP-0007 (MM-526)
			REL. 00: C20230-14 DESIGN CHANGE: DCF-0007 (1919-520)
			REPAIR/REPLACEMENT TRAVELLER: RR96-1413 ISI CLASS: 2
			· · · · · · · · · · · · · · · · · · ·
		•	•
ŕ			•
ļ			•
ļ			CERTIFICATE OF COMPLIANCE
	ĺ	We cert	ify that the statements made in the report are correct and this
	İ	REPLACEME	ENT conforms to the rules of the ASME Code, Section XI.
	l	repair or	replacement
1	ĺ	Type Code	Symbol StampN/A
	İ	Certificat	e\of Authorization No. N/A Expiration Date N/A
	i		Min Tracton No
	i	V^ Ci==od W	My wy
1	ŕ	Signea <u>w</u>	Wayne Cretsinger, Senior Planner Date Mky 7 , 19 96
l			THE OF CHICA D DESIGNOC, 12020
		-	
V . [
		¥	· CERTIFICATE OF INSERVICE INSPECTION
1		I, the unde	rsigned, holding a valid commission issued by the National Board of Boiler
		and Pressure	e Vessel Inspectors and the State or Province of MICHIGAN and employed
Į		bave inspec	GHT MUTUAL INS. CO. of WALTHAM, MASS. ted the components described in this Owner's Report during the period
1	_	8-14-95	to 5-24-96 , and state that to the best of my knowledge
1	i	and belief,	the Owner has performed examinations and taken corrective measures
1	,	described in Code, Section	n this Owner's Report in accordance with the requirements of the ASME on XI.
		By signing	g this certificate neither the Inspector nor his employer makes any
	7	warranty, ex	xpressed or implied, concerning the examinations and corrective measures
Ī		described in	n this Owner's Report. Furthermore, neither the Inspector nor his all be liable in any manner for any personal injury or property damage or
	į	a loss of ar	ny kind arising from or connected with this inspection.
		Ma M	-
	-	Inspector	Commissions Mel 2053, EN NIT r's Signature National Board, State, Province, Endorsements
		-	
1	ı	Date May	24 19 96

•

P.O. Box	60 Fort Wayne Address	. IN 46	5801	Sheet	11	of2	
2. Plant <u>D.C</u>	C. COOK NUCLEAR	POWER I	PLANT	Unit _		# 2	
One Cook	Place, Bridgm Address	an, MI 4	19106			.2-0M0-225	
	ormed by <u>Mainten</u> Nar #2	ne	partmen	. Authoriz	ation No	L Stamp <u>N/</u> . <u>N/A</u> N/A	
4. Identifica	Address ation of System _	, Cł	narging	svstem			
5. (a) Applica	ble Const. Code	ANSI B31	<u>.1</u> _19 _	83Ed.,N/			
	able Edition of Se er 1983 Addenda		Utilized	l for Repairs	or Repl	acements 19	83;
	ation of Component		ed or Rep	olaced and Re	placemen	t Component	s ·
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi-	Year Built	Repaired Replaced or Replace- ment	ASME. Code Stamped (Yes or No)
				fication			
2-QMO-225	Neles Jamesbury SA-351 gr. CF8M	,		P.O.# 02011 041 5 ASP#18574	n/a	replace	NO .
Elbow	SA-182 F304 SA-403 WP304			30-017265 ASP#7569	n/a	replace	ио
Pipe	SA-376 Gr.TP304			30-016812 ASP#7762	n/a	replace	ио
Plug/Stem assy				ASP#18574 Part# 95S69428- 520C	n/a	replace	ио
		L				<u></u>	
7. Description	on of Work	(See Rem	arks)				
3. Test Condu	ncted: Hydrostati	lc	Pneumati	.c Nom	inal Ope	rating Pres	sure
	OtherVT/PT/						_

9.	Remarks Replaced the valve and adjacent piping by welding per MM-526 Applicable Manufacturer's Data Reports to be attached
	(DCP-7). The plug and stem assembly was replaced due to damage
	which occurred during testing.
	Ref. JO:C28290-2.11. File: 2QMO-225 ISI Class: 2
	· -
-	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement
	en de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la companya de la companya de la companya de la companya de la companya de la companya de la co
	Type Code Symbol Stamp N/A
	Certificate of Authorization NoN/A Expiration DateN/A
Ь	
r	
	CERTIFICATE OF INSERVICE INSPECTION
]	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed by <u>ARKWRIGHT MUTUAL INS. CO.*</u> of <u>NORWOOD, MASS.</u>
	have inspected the components described in this Owner's Report during the period
	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, Endorsements
	*FACTORY MUTUAL SYSTEM
	Date <u>July 31</u> 19 <u>96</u>

	60 Fort Wayne Address	. 111 46	30UI	Sneet	1	01	
. Plant <u>D.C.</u>	COOK NUCLEAR	POWER I	PLANT	Unit _		# 2	
One Cook	Place, Bridgm Address	an, MI 4	19106_			OMO-226 DO P.O. No., Jo	
. Work Perfor		_	oartment		ation No	1 Stamp <u>N/</u> . <u>N/A</u> . N/A	
. Identificat	Address ion of System <u>C</u>	harging					
(b) Applicab Summe	ole Const. Code Apple Edition of Secritor 1983 Addendarion of Component	ection XI	Utilized	for Repairs	or Repl	acements 19	. 83
Name of	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi-	Year Built	Repaired Replaced or Replace- ment	ASME Code Stampe (Yes or No)
Component	·			fication	=	<u>.I</u>	<u> </u>
2-QMO-226 Valve	Neles Jamesbury SA-351 grCF8M			P.O.# 02011 041 05 ASP#18574	n/a	replace	NO
2-QMO-226	Jamesbury			P.O.# 02011 041 05	<u> </u>	replace	NO NO
2-QMO-226 Valve	Jamesbury SA-351 grCF8M SA-182 F304			P.O.# 02011 041 05 ASP#18574	n/a		

included on each sheet, and (3) each sheet is numbered and the number of sheets is

recorded at the top of this form.

. Remarks_	Applicable Manufacturer's Data Reports to be at	
	(DCP-7).	
	•	
	Ref. JO:C28292-2,11, File: 2-OMO-226	ISI Class: 2
	· · · · · · · · · · · · · · · · · · ·	
	CERTIFICATE OF COMPLIANCE	
replace	ertify that the statements made in the report are correspond to the rules of the ASME Code, or replacement	
Time Cod	le Symbol Stamp <u>N/A</u>	9 = 19 b
Type coo	le symbol stamp	•
	ate of Authorization No. N/A Expiration I	Date <u>N/A</u>
Sigmod E	rank Pisarsky, Maint Eng Supervisor Date 7/25	
219ned 1	Owner or Owner's Designee, Title	
San Marie	Age 4.	•
*	**,	
1 43		•
A M KW E D h	CERTIFICATE OF INSERVICE INSPECTION	
and Press	dersigned, holding a valid commission issued by the Nure Vessel Inspectors and the State or Province of of NORWOOD, MASS	Michigan and employed
	ected the components described in this Owner's Report	
5-30-3	r to $2-3i-96$, and state that to the	ne best of my knowledge
and belie	f, the Owner has performed examinations and taken con	rective measures
Code, Sec	in this Owner's Report in accordance with the requir	ements of the ASME
	ing this certificate neither the Inspector nor his em	mployer makes any
warranty,	expressed or implied, concerning the examinations are	nd corrective measures
	in this Owner's Report. Furthermore, neither the In	
a loss of	shall be liable in any manner for any personal injury any kind arising from or connected with this inspect	or property damage or
	1	
2/1/1	Mulerspace Commissions Michours, ENDN3	
Inspec	tor's Signature National Board, State,	Province, Endorsements
	*FACTORY MUTUAL S	SYSTEM
Date Jo	1431 1996	
	,	
	•	

P	•	Name 60 Fort Wayne	e			3		
2.	Plant D.C.	Address <u>COOK NUCLEAR</u> Name `	R POWER	PLANT	Unit _		# 2	
	One Cook	Place, Bridgm Address	nan, MI	<u> 19106</u>			!S-439-2,1" O. No., Job	
	`Work Perfor	2	nance Dei me	partmen	<u>t</u> Type Co Authoriz 'Expirati	zation No	1 Stamp <u>N/</u> D. <u>N/A</u> N/A	
4.		Address cion of System _ ole Const. Code /			-	•	. N/A	Code Case
	(b) Applicat Summe	ole Edition of S r 1983 Addend	ection XI <u>a</u>	Utilized	l for Repairs	s or Repl	lacements 19 <u>8</u>	
6.	Identificat	cion of Componen	ts Repaire	ed or Rep	otaced and Re	eptacemer	it Components	3
			1	1	1 .			
	Name of Component	Name of Manufacturer .	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace-	ASME Code Stamped (Yes or No)
2.			Serial	Board	Identi-		Replaced or Replace	Code Stamped (Yes
2.	Component -CS-439-2	Manufacturer .	Serial	Board	Identi-	Built	Replaced Replace ment	Code Stamped (Yes or No)
2.	Component -CS-439-2	Manufacturer .	Serial	Board	Identi-	Built	Replaced Replace ment	Code Stamped (Yes or No)
2· va	Component -CS-439-2 alve(1") Description	Manufacturer .	Serial No.	Board No.	Identi- fication existing	Built n/a	Replaced Replace repair	Code Stamped (Yes or No) NO

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

Remarks <u>T</u>		re "clean cut" with a rer's Data Reports to be	
1	Seat cutter. Seats	s are hard face materi	ial Nitronic 50
	Ref. JO:C38459-2	File:2-CS-439-2	ISI Class: 2
		•	*
*	CER	TIFICATE OF COMPLIANCE	
<u>repair</u>		ts made in the report are to the rules of the ASME (
Type Code	Symbol Stamp N/A	·····	
Signed Fra		. <u>N/A</u> Expiration Date <u>S/O</u> nee, Title	
	CPDTTTT	ATE OF INSERVICE INSPECTI	· · · · · · · · · · · · · · · · · · ·
and Pressur by ARKWRI have inspec- 4-17-50 and belief, described i Code, Secti	te Vessel Inspectors as GHT MUTUAL INS. CO.* teed the components deserted the components deserted the Owner has perform this Owner's Report on XI.	nd the State or Province of NORWOOD, scribed in this Owner's Re	eport during the period to the best of my knowledge a corrective measures equirements of the ASME
warranty, edescribed i employer sha loss of a	expressed or implied, of this Owner's Report hall be liable in any of the kind arising from the control of the	concerning the examination . Furthermore, neither the manner for any personal in or connected with this ins	ns and corrective measures ne Inspector nor his njury or property damage or spection.
Inspecto	tirs saugh Com	missions <u>McL 0055, End</u> National Board, St	NfT cate, Province, Endorsements
•	e 7 19 96	*FACTORY MUTU	•

	P.O. Box	60 Fort Wayne	, IN 46	5801	Sheet .	1	of2	•
· •	Plant <u>D.C</u>	. COOK NUCLEAR	POWER I	PLANT	Unit		# 2	
	One Cook	Place, Bridom Address	nan, MI 4	19106			V-162, vlv O. No., Job	
	Work Perfor		me	partment	Authoriz	ation No	Stamp <u>N/</u> . <u>N/A</u> N/A	·
	Identificat	Address tion of System _	Le	etdown (CVCS)			
i. (b) Applical	ole Const. Code oble Edition of Sor 1983 Addend	ection XI	.1 19 _3	33Ed., N/	AAdd.	N/A acements 19	Code Case 83,
•	Identifica	tion of Componen	ts Repaire	ed or Rep	laced and Re	placemen	t Component:	s
	Jame of	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
					fication			
2-0	RV-162			,	W 1			
Nut	:s	SA-194 gr8F			30-212140 ASP#16474	n/a	replace	ио
All	. thread	SA-453 gr660			30-212310 ASP#17977	n/a	replace	МО
				<u> </u>				
		<u> </u>				<u></u>		
7.	Description	n of Work	(See Rem	narks)			-	
	Test Condu	cted: Hydrostat	ic	Pneumati	.c Non	ninal Ope	rating Pres	sure
١.								

recorded at the top of this form.

Remarks]	Bonnet to body faste Applicable Manufac		-		
	Per Component Eval	uation C	E-96-0103		***
	Ref. JO:C28498-2	File:	2-ORV-162	ISI Class:	2
		. •	1		,
	CER	TIFICATE O	F COMPLIANCE		
<u>replace</u>	rtify that the statement conforms to replacement				-
Type Code	e Symbol Stamp <u>N/A</u>	· · ·		* 1	
Signed F	rank Prisarsky, Maint Eng Owner or Owner's Design	g.Supervisc	or Date <u>5/30'</u>		
Na /		ş.			
* ·	CERTIFIC	ATE OF INS	ERVICE INSPECTION	•	
and Press	dersigned, holding a valure Vessel Inspectors and RIGHT MUTUAL INS. CO.*	nd the Stat	ce or Province of	Michigan and emp	
have inspering the land believed	to toconfined the components de toconfined the components deconfined theconfined the	scribed in, a med examina	this Owner's Repor and state that to s ations and taken co	rt during the period the best of my knowl orrective measures	ledge
warranty, described employer	ing this certificate ne expressed or implied, in this Owner's Report shall be liable in any any kind arising from	concerning . Furthern manner for	the examinations a more, neither the any personal inju	and corrective measu Inspector nor his ry or property damag	
2120			1120055, ENDNET		
Inspec	tor's Signature .	Nat		e, Province, Endorse	ements
Date J	१ <u>५ /०</u> 19 <u>9</u> 6		*FACTORY MUTUAL	SYSTEM	

D.	Owner <u>INDI</u>	ANA MICHIGAN Name	POWER CO	OMPANY	Date <u>0</u>	4-30-90	5	
	P.O. Box	60 Fort Wayne Address	in 46	5801	Sheet	1	of <u>2</u>	
2.	Plant D.C.	COOK NUCLEAR	R POWER 1	PLANT	Unit _		# 2	
•	One Cook	Place, Bridgm Address	nan, MI	19106			547 1"vlv O. No., Job	No., etc
3.	Work Perfor	med by <u>Mainter</u> Na 2	me =		Authoriz	ation No	l Stamp <u>N/</u> . <u>N/A</u> _N/A	
4.	•	Address ion of System R	eactor (Coolant	4			
5.	(b) Applicab	ole Const. Code ole Edition of S r 1983 Addend	ection XI					
6.	•	cion of Componen		ed or Rep	laced and Re	placemen	t Component:	· ", " 5
	* - 1	·	Manuf.	Nat.	Other	×	-Repaired Replaced	ASME Code Stamped
	Name of Component	Name of Manufacturer	Serial No.	Board No.	Identi-	Year Built	Replace- ment	(Yes or No)
2	-CS-547	Conval	•		fication existing	n/a	repair	NO
							, ,	
					٩		ļ	
7.	Description	of Work	(See Rem	larks)		ч		
8.	Test Conduc	ted: Hydrostat	ic	Pneumati	cNom	inal Ope	rating Pres	sure
	N/A <u>√</u>	Other	Pressure .		psi Tes	t Temp.		_°F
	*							

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

9. Remarks The inbody seating surface which is is hardfaced with Applicable Manufacturer's Data Reports to be attached
•
Nitronic 50, was "clean cut" with the Conval manual
cutting tool.
Ref. JO:C30016-3 File: 2-CS-547 ISI Class: 2
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI.
repair or replacement Type Code Symbol StampN/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/10 , 19 96 Owner or Owner's Designee; Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed by <u>ARKWRIGHT MUTUAL INS. CO.*</u> of <u>NORWOOD, MASS.</u>
have inspected the components described in this Owner's Report during the period
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 Met 0055, Es & NET National Board, State, Province, Endorsements
*FACTORY MUTUAL SYSTEM Date Jone 7 19 %
19 / 15

1. Owner INDI	ANA MICHIGAN	POWER CO	MPANY	Date _	05-24-	96				
P.O. Box	60 Fort Wayne	IN 46	801	Sheet	1	of2				
2. Plant D.C.	COOK NUCLEAR	POWER P	PLANT	Unit _	- :	# 2				
One Cook	Place, Bridgm Address	an. MI 4	9106			7-111, vlv D. No., Job				
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A Name Authorization No. N/A Same as #2 Expiration Date N/A Address 4. Identification of System Reactor Coolant system										
5. (a) Applicab (b) Applicab	le Const. Code la le Edition of Second 1983 Addenda	ANSI B31	.1_19	83 ed., N/	AAdd.					
6. Identificat	ion of Component	s Repaire	ed or Rep	·	placemen	t Components	' , 3 _*			
Name of Component	Name of Manufacturer	Manuf. Serial · No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)			
2-QRV-111	-				· .					
Bonnet	SA -351 grade CF8M			M&E#: 30-035930 ASP# 17680	n/a	replace	NO .			
Trim/plug assy.	ASTM A-276 TP.420			30-036150 ASP#18681	n/a	replace	NO			
7. Description	of Work	(See Rem	arks)	<u> </u>	·					
8. Test Conduc	ted: Hydrostati	Lc	Pneumati	.c Nom	inal Ope	rating Press	sure			
 N/A	Other_VT-2	Pressur	e	psi	Test Tem	p	°F			
(1) size is 8-1 included on each	ntal sheets in 1 /2 in. x 11 in., th sheet, and (3)	, (2) info each she	rmation	in items 1 t	hrough 6	on this rep	oort is			

9. Remarks Re	eplaced the valve' trim assembly(plug) and Bonnet mechanically
	Applicable Manufacturer's Data Reports to be attached
	Ref: JO: C30192-2 File: 2-ORV-111 ISI Class: 1
	•
	CERTIFICATE OF COMPLIANCE
replaceme	rify that the statements made in the report are correct and this ent conforms to the rules of the ASME Code, Section XI.
, , , , , , , , , , , , , , , , , , ,	
Type Code	Symbol Stamp N/A
	a of Authorization No. N/A Expiration Date N/A
Signed Fra	ink Pisarsky, Maint, Eng. Supervisor Date 5/29 , 1976
\$ ~ F 3 *** O	Owner or Owner's Designee, Title
* -	
March 1	CERTIFICATE OF INSERVICE INSPECTION
and Pressur	ersigned, holding a valid commission issued by the National Board of Boiler e Vessel Inspectors and the State or Province of <u>Michigan</u> and employed GHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS.
. have inspec	ted the components described in this Owner's Report during the period
6-5-95	to 6-13-96, and state that to the best of my knowledge
and belief,	the Owner has performed examinations and taken corrective measures n this Owner's Report in accordance with the requirements of the ASME
Code, Secti	
	g this certificate neither the Inspector nor his employer makes any
warranty, e	expressed or implied, concerning the examinations and corrective measures
	n this Owner's Report. Furthermore, neither the Inspector nor his
	all be liable in any manner for any personal injury or property damage or many kind arising from or connected with this inspection.
Manh	Commissions Michoss, END NET
Inspecto	or's Signature National Board, State, Province, Endorsements
	*FACTORY MUTUAL SYSTEM
Date Tune	

P.O. Box	Name 60 Fort Wayne	e, IN 46	5801	Sheet	. 1	of2	
<u> </u>	Address			,			
. Plant D.C	. COOK NUCLEAR	R POWER I	PLANT	Unit _		#_2	
One Cook	Place, Bridge Address	man, MI 4	19106			V-112, 3" O. No., Job	
	ormed by <u>Mainter</u> Na 12	me	partmen	Authoriz	ation No	1 Stamp <u>N/</u> . <u>N/A</u> N/A	
	Address	-					
	tion of System _			_			
(b) Applica	ble Const. Code ble Edition of S er 1983 Addend	ection XI	.l_19 _i Utilized	83Ed., N/ for Repairs	AAdd or Repl	. <u>N/A</u> acements 19	Code Case 83.
	tion of Componen		ed or Rep	laced and Re	placemen	t Component	s ,
Name of	Name of	Manuf. Serial	Nat. Board	Other	Year	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
Component	Manufacturer	140.	No.	Identi- fication	Built	ч	
	Manuracturer	NO.	No.		Built	4	
Component	Manuracturer	NO.	No.		Built n/a	replace	NO
Component 2-QRV-112	Manuracturer	NO.	No.	fication M&E#: 30-042060		1	NO NO
Component 2-QRV-112 Plug	Manuracturer	NO.	No.	fication M&E#: 30-042060 ASP#17999 M&E#: 30-042230	n/a	replace	ио
Component 2-QRV-112 Plug	Manuracturer	NO.	No.	fication M&E#: 30-042060 ASP#17999 M&E#: 30-042230	n/a	replace	ио
Component 2-QRV-112 Plug Seat Ring	on of Work			fication M&E#: 30-042060 ASP#17999 M&E#: 30-042230 ASP#16010	n/a	replace	ио
Component 2-QRV-112 Plug Seat Ring Descriptio		(See Rem	narks)	fication M&E#: 30-042060 ASP#17999 M&E#: 30-042230 ASP#16010	n/a n/a	replace	NO ·

recorded at the top of this form.

	Replaced the valve's plug and seat ring mechanically Applicable Manufacturer's Data Reports to be attached
	Ref. JO:C30263-2 File: 2-ORV-112 ISI Class: 1
•	
	CERTIFICATE OF COMPLIANCE
We cer	tify that the statements made in the report are correct and this
	conforms to the rules of the ASME Code, Section XI.
repair or	replacement
Type Code	Symbol Stamp N/A
Certifica	te of Authorization No. N/A Expiration Date N/A
Signed Fr	ank Pisarsky, Maint Eng Supervisor Date 5/29 , 1996
* ***	Owner or Owner's Designee, Title
•	
	•
A	3 · .,
	CERTIFICATE OF INSERVICE INSPECTION
I, the und	ersigned, holding a valid commission issued by the National Board of Boile re Vessel Inspectors and the State or Province of Michigan and employed
and Flessu bv ARKWR	IGHT MUTUAL INS. CO. * of NORWOOD, MASS.
have inspe	cted the components described in this Owner's Report during the period
Ci/13/95	to to, and state that to the best of my knowledge
and belief	, the Owner has performed examinations and taken corrective measures
	in this Owner's Report in accordance with the requirements of the ASME
Code, Sect	ng this certificate neither the Inspector nor his employer makes any
	expressed or implied, concerning the examinations and corrective measures
described	in this Owner's Report. Furthermore, neither the Inspector nor his
employer s	hall 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.
در سدر مهدیس	
Thomas T	Interpuegls Commissions Mich 0055 G. DNET
Inspect	or's Signature National Board, State, Province, Endorsement
Inspect	or's Signature National Board, State, Province, Endorsement
Inspect	or's Signature National Board, State, Province, Endorsement *FACTORY MUTUAL SYSTEM

P.O. Box	60 Fort Wayne	. IN 46	801	Sheet	1	of <u> </u>	
. Plant D.C	. COOK NUCLEAR Name	POWER	PLANT	Unit _		# 2	
One Cook	Place, Bridgm Address	an, MI 4	9106			-326, 8" v	
	rmed by <u>Mainten</u> Nar Address	ne	oartment	Authoriz	ation No	Stamp <u>N/</u> - <u>N/A</u> N/A	
. (a) Applical	tion of System R ole Const. Code a ole Edition of Se r 1983 Addenda	ANSI B31	<u>.1</u> 19 _8	83Ed., N/	AAdd	N/A	Code Cas
	cion of Component		ed or Rep	laced and Re	placemen	t Component	
	. Name of . Manufacturer	Manuf. Serial No.	Nat. Board	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-IMO-326	SA-351 grCF8M			existing	n/a	repair	NO
All thread	SA-453, gr660			30-212290 ASP#17818	n/a	replace	ио
Nuts	SA-194 gr 8F			30-212090 ASP#11191 ASP#16473	n/a	replace	NO
····							<u> </u>
			-	!	1	<u> </u>	1
	of Work	•		.c Nom	inal Ope	rating Pres	sure

Applicable Manufacturer's Data Reports to be attached	
bonnet/body fasteners replaced. (machining was also addre	ssed
Per PMI-5023)	
Ref. JO:C31874-3 File: 2-IMO-326 ISI Class: 1	
•	
We certify that the statements made in the report are correct and this replacement/repair 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 Frank Pisarsky, Maint Eng Supervisor Date 81 , 1996 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 Board Pressure Vessel Inspectors and the State or Province of Michigan and employ ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period to S/5/96, and state that to the best of my knowled 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 measured 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 a loss of any kind arising from or connected with this inspection.	oyed - edge res
Inspector's Signature Commissions Mich 0055, END NET National Board, State, Province, Endorsem	
Inspector's Signature National Board, State, Province, Endorsem *FACTORY MUTUAL SYSTEM Date 4-7-17-5 19-96	ents

<u>P.O. Box</u>	60 Fort Wayne Address	<u> </u>	801	Sheet .	11	of2	
Plant D.C.	COOK NUCLEAR	R POWER I	PLANT	Unit	 ;	#_2	
One Cook	Place, Bridge Address	man, MI 4	19106			-211, vlv O. No., Job	
. Work Perfor		nance Der me	partment	Authoriz	ation No	l Stamp <u>N/</u> . <u>N/A</u> N/A	•
Same as #	Address		-	expiració	on Date	_ N/A	
. Identificat	ion of System _	H	Ma	in Steam			
(b) Applicate Summe	ole Const. Code ole Edition of S r 1983 Addend cion of Componen	ection XI a	Utilized	for Repairs	or Repl	acements 19	83,
Name of	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi-	*	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
* .	,			fication		4	
2-MRV-211			,	# TE			
Plug	ASTM A582 541600	,		30-040005 ASP#15863	n/a	replace	ио .
Seat Ring	ASTM A582 541600			30-040120 ASP#12803	n/a	replace.	ИО
				`		· 	· ·
	of Work	(See Rem	arks)		;		
. Description							
- t	ted: Hydrostat	ic	Pneumati	c Nom	inai Ope	rating Pres	sure

included on each sheet, and (3) each sheet is numbered and the number of sheets is

recorded at the top of this form.

•	Remarks _	Replaced valve internals including the Plug and seat ring Applicable Manufacturer's Data Reports to be attached
		which were installed mechanically.
		Ref. JO:C32663-1 File: 2-MRV-211 ' ISI Class: 2
		CERTIFICATE OF COMPLIANCE
•	replaceme	tify that the statements made in the report are correct and this ent conforms to the rules of the ASME Code, Section XI. replacement
	Type Code	Symbol Stamp N/A
•_	Signed Fra	ank Pisarsky, Maint Eng Supervisor Date 7/26, 1996 Owner or Owner's Designee, Title
	14-L	
	4" ·	CERTIFICATE OF INSERVICE INSPECTION
a	and Pressur by <u>ARKWRI</u>	ersigned, holding a valid commission issued by the National Board of Boiler re Vessel Inspectors and the State or Province of <u>Michigan</u> and employed IGHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS.
a	7-11-95 and belief, described i	ted the components described in this Owner's Report during the period to 8-1-96, and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME
		ng this certificate neither the Inspector nor his employer makes any
		expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his
e	employer si	hall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.
Ĭ		
_		commissions Michigan 0055, END NET
	Inspecto	or's Signature National Board, State, Province, Endorsements
r	ate <u>Au</u> ç	*FACTORY MUTUAL SYSTEM
	- 770¢	
		· ·

_										
D.	Owner <u>INDI</u>	ANA MICHIGAN Name	POWER CO	OMPANY	Date <u>O</u>	95-01-96	5			
	P.O. Box	60 Fort Wayne	e. IN 46	801	Sheet	1	of <u>2</u>	•		
2.	Plant D.C.	COOK NUCLEAR	R POWER F	PLANT	Unit _		# 2	 		
	One Cook Place, Bridgman, MÍ 49106 C34427-4, 2-FW-138-1 Address Repair Org. P.O. No., Job No., etc									
3.										
4.	Identificat	ion of System T	urbine D	riven A	Auxiliary F	<u>'eedwate</u>	er			
5.	(b) Applicab	ole Const. Code a	ection XI							
	Summe	r 1983 Addend	a _.				.	•		
6.		ion of Componen	ts Repaire	d or Rep	laced and Re	placemen	t Components	3		
	Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)		
	2-FW-138-1				existing	n/a	repair	МО		
	/ * * · · · · · · · · · · · · · · · · ·									
					!					
L			<u> </u>	<u> </u>		!	<u> </u>	l		
7.	Description	of Work	(See Rem	arks)	·					
8.	Test -Conduc	eted: Hydrostat:	ic	Pneumati	c Nom	inal Ope	rating Press	sure		
	N/A	Other PT 1	Pressure _		psi Tes	t Temp.	 	_°F		
ุ พด	TE · Sunnleme	ental sheets in s	form of li	ata aka	tches or dr	awings m	av ha ugad	provi dod		

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

). Remarks <u>We</u>	Applicable Manufacturer's Data Reports to be attached
	Ref. JO:C34427-4 File: 2-FW-138-1 ISI Class: 2
	· · · · · · · · · · · · · · · · · · ·
	CERTIFICATE OF COMPLIANCE
<u>repair</u> repair or	ify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI. replacement
Type Code	Symbol Stamp N/A
Signed Fra	nk Pisarsky, Maint Eng Supervisor Date 5/10 , 19 96 where or Owner's Designee, Title
P va	
ų •	CERTIFICATE OF INSERVICE INSPECTION
and Pressur by ARKWRI have inspect and belief, described i	rsigned, holding a valid commission issued by the National Board of Boiler e Vessel Inspectors and the State or Province of <u>Michigan</u> and employed GHT MUTUAL INS. CO.* of <u>NORWOOD</u> . MASS. ted the components described in this Owner's Report during the period to <u>6-6-96</u> , and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures n this Owner's Report in accordance with the requirements of the ASME
warranty, e described i employer sh	on XI. g this certificate neither the Inspector nor his employer makes any xpressed or implied, concerning the examinations and corrective measures n this Owner's Report. Furthermore, neither the Inspector nor his all be liable in any manner for any personal injury or property damage or ny kind arising from or connected with this inspection.
21201	
Date Time	r's Signature . National Board, State, Province, Endorsements *FACTORY MUTUAL SYSTEM** 19 3 5

<u> </u>	60 Fort Wayne Address	e, IN 4	6801	Sheet	1	of2	-
. Plant D.C.	. COOK NUCLEAR	R POWER	PLANT	Unit _	,	# 2	
One Cook	Place, Bridgm Address	nan, MI	49106		_	-221, vlv	
. Work Perfor			partmen	Authoriz	ation No	Stamp <u>N/</u> . <u>N/A</u> N/A	
`Identificat	Address tion of System _	Co	ontainme	ent Spray		·	
(b) Application Summe	ole Const. Code and the Edition of Second 1983 Addendation of Component	ection XI a	Utilized	l for Repairs	or Repla	acements 19	83.
	1		y h	,	*	Repaired	ASME
Name of	Name of	Manuf. Serial	Nat. Board	Other	Year	Replaced or Replace-	Code Stamped (Yes
Composes	Manufacturer	; No.	No.	Identi- fication ·	Built	ment	or No)
Component							
2-IMO-221		•	,]		1
	SA-351 grCF8M with Stellite hardfacing	`	,	existing	n/a	repaired	ио
:-IMO-221	with Stellite	•		existing	n/a	repaired	NO
-IMO-221	with Stellite	(See Rem	arks)		n/a	repaired	NO
-IMO-221 Pisc	with Stellite hardfacing						

recorded at the top of this form.

FORM NIS-2 (Back)

	Applicable Manufacturer's Data Reports to be attached	
	Ref. JO:C34474-6 File: 2-IMO-221 " ISI Class: 2	
. • '		
şi.		
	CERTIFICATE OF COMPLIANCE	
repaired	tify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.	
repair or	replacement	
Type Code	Symbol Stamp N/A	
Signed Fr	ter of Authorization NoN/A Expiration DateN/A	
	owner of owner's besignee, fitte	
- 5 -	Owner of Owner's Designee, little	
- 5	Owner of Owner's Designee, little	
	CERTIFICATE OF INSERVICE INSPECTION	
	CERTIFICATE OF INSERVICE INSPECTION	
I, the und	CERTIFICATE OF INSERVICE INSPECTION ersigned, holding a valid commission issued by the National Board of Bo re Vessel Inspectors and the State or Province of <u>Michigan</u> and empl	oi.]
I, the und	CERTIFICATE OF INSERVICE INSPECTION ersigned, holding a valid commission issued by the National Board of Bo re Vessel Inspectors and the State or Province ofMichigan_ and empl IGHT MUTUAL INS. CO.* ofNORWOOD, MASS.	oil
I, the und and Pressu by ARKWR have inspe	CERTIFICATE OF INSERVICE INSPECTION ersigned, holding a valid commission issued by the National Board of Board of Board Vessel Inspectors and the State or Province ofMichigan_ and employed MICHIGAN and employed the components described in this Owner's Report during the period to, and state that to the best of my knowle	.o <u>}</u>
the und and Pressu by ARKWR have inspe	certificate of inservice inspection ersigned, holding a valid commission issued by the National Board of Board of Board versue in the State or Province of Michigan and employers and the State or Province of Michigan and employers Mass. cted the components described in this Owner's Report during the period to 4-11-54 , and state that to the best of my knowled, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME	.o <u>}</u>
the und and Pressu by ARKWR have inspe	certificate of inservice inspection ersigned, holding a valid commission issued by the National Board of Board of Board versue in the State or Province of Michigan and employers and the State or Province of Michigan and employers Mass. cted the components described in this Owner's Report during the period to 4-11-54 , and state that to the best of my knowled, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME	.o <u>}</u>
I, the und and Pressu by ARKWR have insperiend belief described code, Sect By significantly,	ersigned, holding a valid commission issued by the National Board of Board versus and the State or Province ofMichigan_ and employer MUTUAL INS. CO.* of NORWOOD, MASS. Cted the components described in this Owner's Report during the period to, and state that to the best of my knowled, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. Ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures.	roi
t, the und and Pressu by ARKWR have inspersed belief described code, Sect By significantly, described	ersigned, holding a valid commission issued by the National Board of Bore Vessel Inspectors and the State or Province ofMichigan and employer MASS. Cted the components described in this Owner's Report during the period, and state that to the best of my knowled, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. Ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his	edg
t, the und and Pressu by ARKWR have inspected belief described code, Sected by signification warranty, described employer s	ersigned, holding a valid commission issued by the National Board of Board versus and the State or Province ofMichigan_ and employer MUTUAL INS. CO.* of NORWOOD, MASS. Cted the components described in this Owner's Report during the period to, and state that to the best of my knowled, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. Ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures.	edg
t, the und and Pressu by ARKWR have inspended belief described code, Sect By signification warranty, described employer s	certificate of inservice inspection ersigned, holding a valid commission issued by the National Board of Board vessel Inspectors and the State or Province ofMichigan and employer MICHT MUTUAL INS. CO.*	edg
I, the und and Pressu by ARKWR have insperient belief described code, Sect By significantly, described employer saloss of an an analysis of the second secon	certificate of inservice inspection ersigned, holding a valid commission issued by the National Board of Board versel inspectors and the State or Province of Michigan and employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. In this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage	- edg
I, the und and Pressu by ARKWR have insperient belief described Code, Sect By significantly, described employer saloss of AMA AMA	CERTIFICATE OF INSERVICE INSPECTION ersigned, holding a valid commission issued by the National Board of Board of Board Inspectors and the State or Province of Michigan and employer MASS. cted the components described in this Owner's Report during the period to 6-11-96, and state that to the best of my knowled, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. Ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measure in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage any kind arising from or connected with this inspection.	- edg

9	1. Owner AMER	ICAN ELECTRIC	POWER	`	Date _	05/0	3/96	
_	P.O. Box	60 Fort Wayne	e. IN 4	6801	Sheet	1	of2	
		Address 🤟						
	2. Plant D.C.	COOK NUCLEAR	POWER	PLANT.	Unit _	#	22	
	One Coels	Dlago Pridom	nam MT	10106		3-04 R/I	01462	
	One Cook	<u>Place, Bridgm</u> Address	lall, MIL	43100			.0. No., Job	No., etc
3. Work Performed by <u>Installation Services</u> Type Code Symbol Stamp N								/A
	Same as	#2 Address	Name			ization lat		
		Address			- .			
	4. Identificat	ion of System _	RESIDUA	L HEAT I	REMOVAL	ASN	ME CODE CL	ASS 2
		le Const. Code ; le Edition of S						
		c 1983 Addend						
	6. Identificat	ion of Componen	ts Repair	ed or Rep	placed and Re	placement	t Components	3
	Name of Component	Name of	Manuf.	Nat.	Other		Repaired Replaced or	ASME Code Stamped
		Manufacturer	Serial No.	Board No.	Identi- fication	Year :: Built	-Replace- ment	(Yes or No)
	2-GRH-R506 2" CS PLATE	DUBOSE STEEL	ASP# 11796	N/A	A36 (88c)	N/A	REPLACE- MENT	NO
	2-GRH-R506 1" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15295	N/A	A36 (90)	N/A	REPLACE- MENT	NO
	2-GRH-R506 1/2" CS PLATE	DUBOSE NATIONAL ENERGY SERVICES	ASP# 18041	N/A	A36 (91)	N/A	REPLACE- MENT	NO
	2-GRH-R506 3/8" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15120	N/A	A36 (90)	N/A	REPLACE- MENT	NO
	2-GRH-R506 1/4" CS PLATE	DUBOSE NATIONAL ENERGY SERVICES	ASP# 18084	N/A	SA36	N/A	REPLACE- MENT	NO
	7. Description	of Work REWO	RKED SUP	PORT 2-	GRH-R506.			
	8. Test Conduct	ted: Hydrostati	ic	Pneumati	c Nom	inal Oper	ating Press	ure
	N/A X	Other	Pressure _	N/A	psi Tes	t Temp.	N/A	_°F
	NOTE: Supplemer (1) size is 8-1, included on each recorded at the	/2 in. x 11 in., h sheet, and (3)	(2) info	rmation	in items 1 tl	hrough 6	on this rep	ort is

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O	9.	Remarks	e .					
	-	_	Applicable Manufacturer's Data Reports to be attached					
			· · · · · · · · · · · · · · · · · · ·					
			Ref. JO: C34683-04 DESIGN CHANGE: N/A (LBPRP)					
			REPAIR/REPLACEMENT TRAVELLER: RR95-1463 ISI CLASS: 2					
	_							
			CERTIFICATE OF COMPLIANCE					
		We cert	ify that the statements made in the report are correct and this					
			conforms to the rules of the ASME Code, Section XI. replacement					
		Type Code	Symbol Stamp N/A					
		4 21	e of Authorization No. N/A Expiration Date N/A					
		Signed Wa	Jayne Cretsinger, Senior Planner Date MAY 30, 1996					
		0'	owner or Owner's Designee, Title					
-			CERTIFICATE OF INSERVICE INSPECTION					
	Į	and Pressure	rsigned, holding a valid commission issued by the National Board of Boiler e Vessel Inspectors and the State or Province of <u>MICHIGAN</u> and employed GHT MUTUAL INS. CO. of <u>WALTHAM, MASS.</u>					
		have inspect	ted the components described in this Owner's Report during the period to 6-2-96, 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 By signing	on XI. g this certificate neither the Inspector nor his employer makes any					
	warranty, expressed or implied, concerning the examinations and corrective measure described in this Owner's Report. Furthermore, neither the Inspector nor his							
		employer sha a loss of a	all be liable in any manner for any personal injury or property damage or ny kind arising from or connected with this inspection.					
	,	1127/2	Commissions M.L.L. ONES, GNONET					
		Tusbeccor	r's Signature National Board, State, Province, Endorsements					
	!	Date June	<u> </u>					
,	4		· · · · · · · · · · · · · · · · · · ·					

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	1. Owner AMERICAN ELECTRIC POWER Name					Date05/04/96				
	P.O. Box	60 Fort Wayne	e, IN 46	5801	Sheet .	1	of2			
	2. Plant D.C.	COOK NUCLEAR	POWER I	PLANT	Unit _	#	2			
	One Cook Place, Bridgman, MI 49106 C35127-01 R/R1530 Address Repair Org. P.O. No., Job No., etc									
	3. Work Performed by <u>Installation Services</u> Type Code Symbol Stamp N/A Name Authorization No. N/A									
	Same as #2 Expiration Date N/A Address									
	Address 4. Identification of System CHEMICAL & VOLUME CONTROL ASME CODE CLASS 1									
	5. (a) Applicab	le Const. Code	ÄNSI B31	<u>.1_</u> 19 _8	83Ed., N	/A_Add.	N-416-1	Code Case		
		le Edition of S 1983 Addend		Utilized	l for Repairs	or Repla	acements 19	83,		
		ion of Componen		ed or Rep	laced and Re	placement	: Component:	3		
	Name of Component	· Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)		
	2-CS-444-1 2" SCH 160 SS PIPE	CONSOLIDATED POWER SUPPLY	ASP# 18542	N/A	SA376 TP304	Ŋ/A	REPLACE- MENT	NO		
	2-CS-444-1 2" 1500# SS SW CHECK VALVE	CONVAL INC.	ASP# 17400	N/A	SA182 F316 Y200C58	N/A	REPLACE- MENT	NO		
-			<u> </u>	l						
•	7. Description of Work <u>REMOVE AND REPLACE EXISTING CHECK VALVE 2-CS-444-1</u>									
;	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X									
	n/A	Other	Pressure _	N/A	psi Tes	t Temp	N/A	_°F		
1	NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided									

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

	9. Remarks _	
		Applicable Manufacturer's Data Reports to be attached
		Ref. JO: C35127-01 DESIGN CHANGE: MM404
		REPAIR/REPLACEMENT TRAVELLER: RR95-1530 ISI CLASS: 3
1		
		CERTIFICATE OF COMPLIANCE
	<u>REPLACEME</u>	rify that the statements made in the report are correct and this CNT conforms to the rules of the ASME Code, Section XI. replacement
	Type Code	Symbol Stamp N/A
	SignedW	Re of Authorization No. N/A Expiration Date N/A N/A Expiration Date N/
		CERTIFICATE OF INSERVICE INSPECTION
	by ARKWRI have inspec	rsigned, holding a valid commission issued by the National Board of Boiler e Vessel Inspectors and the State or Province of MICHIGAN and employed GHT MUTUAL INS. CO. of WALTHAM, MASS. ted the components described in this Owner's Report during the period to Components described in this Owner's Report during the period the Owner has performed examinations and taken corrective measures of this Owner's Report in accordance with the requirements of the ASME
	By signing warranty, ex described in employer sho	g this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his all be liable in any manner for any personal injury or property damage or my kind arising from or connected with this inspection.
	Inspector	Commissions MacLooss, Endrice r's Signature National Board, State, Province, Endorsements
	Date Jive	7 19 ç

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	_								
	1.	Owner AMER	CICAN ELECTRIC	C POWER		Date _	05/0	7/96	· · · · · · · · · · · · · · · · · · ·
		D O Pov	Name	5 TN 4	6001	Shoot	, 1	of 2	
	P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2 Address								
	2.	Plant D.C.	COOK NUCLEAR	R POWER	PLANT	Unit _	#	22	
		One Cook Place, Bridgman, MI 49106 C34683-01 R/R1462							
		Address Repair Org. P.O. No., Job No., etc							
	3.	Work Perfor	med by <u>Install</u>	<u>Lation S</u> Name	<u>ervices</u>			ol Stamp <u>N</u> No. <u>N/A</u>	
		Same as	#2'				tion Dat		
`	•		Address			• •			
	4.	Identificat	ion of System _	CHEMICA	L AND VO	OLUME CONTE	ROL ASI	ME CODE CI	ASS 1
			le Const. Code , le Edition of S						
			r 1983 Addend				_	·	
	6.	Identificat	ion of Componen	ts Repair	ed or Rep	olaced and Re	placemen	t Component	s
U		Name of omponent	Name of Manufacturer	Manuf. Serial	Nat. Board	Other	Year	Repaired Replaced or Replace-	ASME Code Stamped (Yes
	-			No.	No.	fication	Built	ment	or No)
	1/:	GCS-R537 2" CS ATE	CONSOLIDATED POWER SUPPLY	ASP# 15946	N/A	A36 (91)	N/A	REPLACE- MENT	NO ·
			,						
1									
	<u></u>			<u> </u>	<u> </u>				
	7.	Description	of Work REWO	RKED SUE	PORT 2-	GCS-R537.			
	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure								
	N/A X Other Pressure N/A psi Test Temp. N/A °F								
	NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								

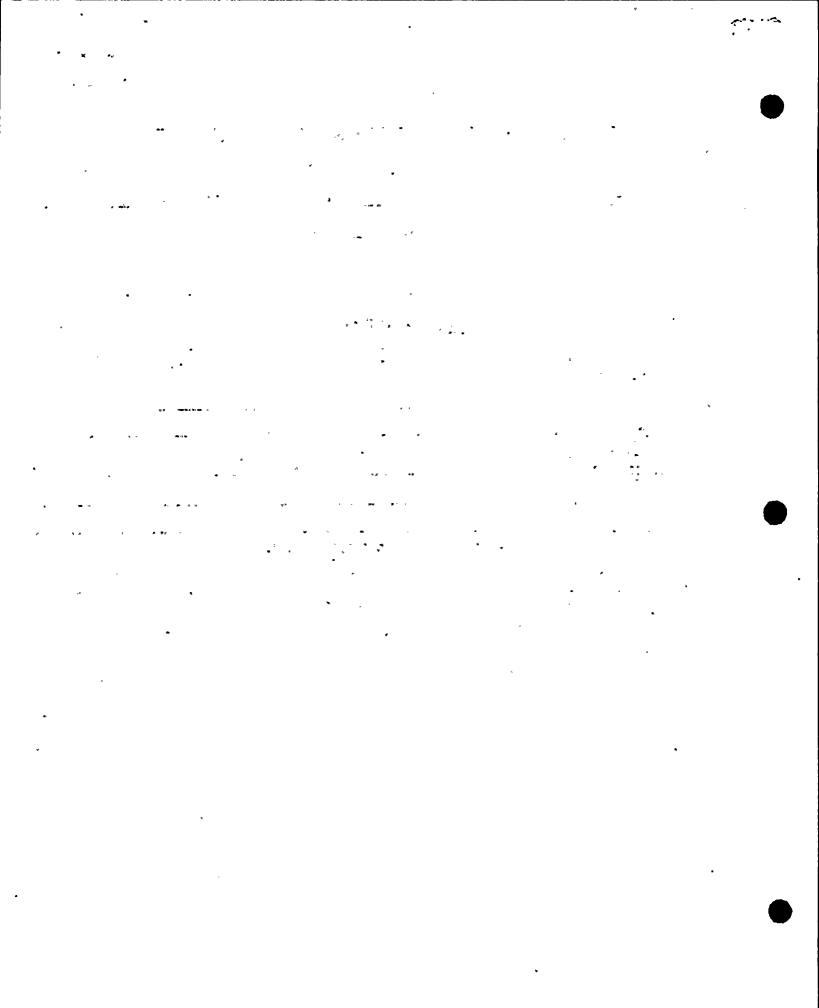
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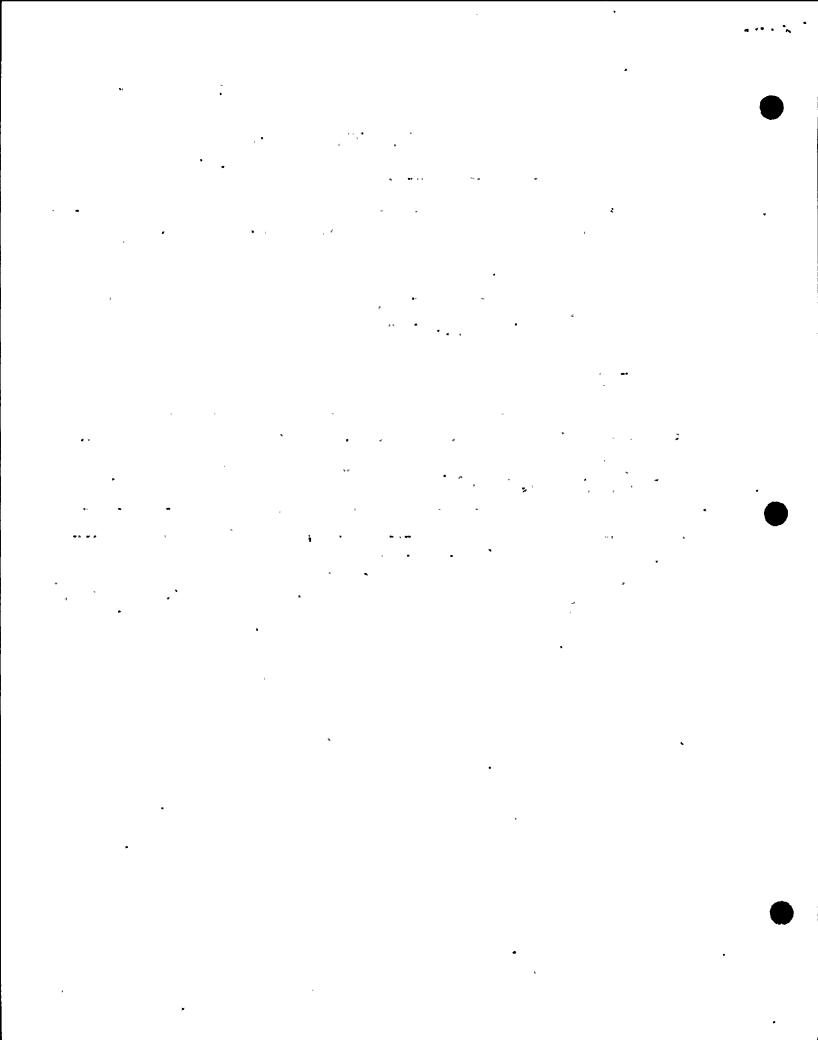
	9. Remarks _	Applicable Venufactured Date							
		Applicable Manufacturer's Data Reports to be attached							
		Ref. JO: C34683-01 DESIGN CHANGE: N/A (LBPRP)							
		REPAIR/REPLACEMENT TRAVELLER: RR95-1462 ISI CLASS: 2							
	<i>,</i> ,								
		CERTIFICATE OF COMPLIANCE							
	<u> REPLACEME</u>	ify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI. replacement							
	Type Code	Symbol Stamp N/A							
	Signed W	ayne cretsinger, Senior Planner where or Owner's Designee, Title Date MAY 7, 1996							
)	<u> </u>	·							
		CERTIFICATE OF INSERVICE INSPECTION							
*	have inspectant by ARKWRIC have inspectant and belief, described in Code, Section	rsigned, holding a valid commission issued by the National Board of Boiler e Vessel Inspectors and the State or Province of MICHIGAN and employed GHT MUTUAL INS. CO. of WALTHAM, MASS. ted the components described in this Owner's Report during the period to 5-23-76, and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures on this Owner's Report in accordance with the requirements of the ASME on XI.							
	described in employer sha	g this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his all be liable in any manner for any personal injury or property damage or my kind arising from or connected with this inspection.							
	Inspector	Commissions Mich ons, End NIT r's Signature National Board, State, Province, Endorsements							
	Date May Z	3 19 5 6							



NIS-2-112-96

1. Owner AMER	LICAN ELECTRIC	C POWER		Date _	05/0	03/96	
P.O. Box	60 Fort Wayne	e, IN 4	6801	Sheet	1	of2	
2. Plant D.C.	COOK NUCLEAR	R POWER	PLANT .	Unit _	#	2	
One Cook	<u>Place, Bridg</u> Address	man, MI	49106	<u>C3468:</u> Repai	3-02 R/	R1466 .O. No., Jo	b No., etc
3. Work Performed by <u>Installation Services</u> Name Same as #2 Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>							
	Address	CHENT CAN	. 2272 17		.01 7.01	AD CODD OF	200 1
5. (a) Applicab (b) Applicab	ion of System _ le Const. Code le Edition of S	ANSI B31 ection XI	<u>1_</u> 19	83Ed., N	<u>/A</u> Add.	N/A	Code Case
•	c 1983 Addend		ed or Rep	olaced and Re	placemen	t Component	s
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-GCS-R621 3/8" x 2" U-BOLT	NPS INDUSTRIES	ASP# 13582	n/a	SA36	N/A	REPLACE- MENT	ио
7. Description	of Work <u>REWO</u>	RKED SUP	PORT 2-	GCS-R621.	<u> </u>	1	<u> </u>
-	ted: Hydrostat:		Pneumati		inal Ope	rating Press	sure
.N/A X Other Pressure N/A psi Test Temp. N/A °F							
NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							

9.	Remarks _	
		Applicable Manufacturer's Data Reports to be attached
		Applicable managedater b base Reports to be determined
		Ref. JO: C34683-02 DESIGN CHANGE: N/A (LBPRP)
		REPAIR/REPLACEMENT TRAVELLER: RR95-1466 ISI_CLASS: 2
		REFAIR/REPACEMENT TRAVELEDIN. NO. 3 1400 101 CHAOC. 2
		·
1		
1		CERTIFICATE OF COMPLIANCE
1	•	
1	We cer	tify that the statements made in the report are correct and this
1	DEDI ACEM	ENT conforms to the rules of the ASME Code, Section XI.
	repair or	replacement
	repair or	repracement
1	Time Code	Symbol Stamp N/A
1	Type code	Symbol Stamp
1	Cortifica	ta of Authorization No. N/A Expiration Date N/A
İ	CELCILICA	The Authorization No. WA
1	1	Who I is
1	eianna '	Wayne Cretsinger, Senior Planner Date MAY 7, 1996
1	Signed	Owner or Owner's Designee, Title
ł		Owner of Owner's Designee, little
<u> </u>		
		•
		CERTIFICATE OF INSERVICE INSPECTION
		,
	I. the und	ersigned, holding a valid commission issued by the National Board of Boiler
1	and Pressu	re Vessel Inspectors and the State or Province ofMICHIGAN_ and employed
1	by ARKWR	IGHT MUTUAL INS. CO. of WALTHAM, MASS.
1	have inspe	cted the components described in this Owner's Report during the period
1	2-14-50	to 5-23-76 and state that to the best of my knowledge
ŀ	and helief	to <u>5-23-96</u> , and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures
· F	described	in this Owner's Report in accordance with the requirements of the ASME
	Code, Sect	
1		ng this certificate neither the Inspector nor his employer makes any
	warrantu	expressed or implied, concerning the examinations and corrective measures
	described	in this Owner's Report. Furthermore, neither the Inspector nor his
		hall be liable in any manner for any personal injury or property damage or
1	a loce of	any kind arising from or connected with this inspection.
1	a 1035 01	· · · · · · · · · · · · · · · · · · ·
1.	والرشواريورار	Mansage Commissions Michart, End NET
1	Inconce	or's Signature National Board, State, Province, Endorsements
1	THEFACE	or a Signature Mational Board, State, Province, Endorsements
1		
1	Date <u>S/</u>	23 19 9 6 .
1	vale <u>3/</u>	· · · · · · · · · · · · · · · · · · ·
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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

NIS-2-114-96

.	1. Owner AME	RICAN ELECTRIC	C POWER	•	Date _	05/0	03/96	
	P.O. Box	Name 60 Fort Wayne	e, IN 4	6801	Sheet	1	of <u>2</u>	
	-	Address					· · · · · · · · · · · · · · · · · ·	
2	2. Plant D.C.	. COOK NUCLEAR	R POWER	PLANT	Unit _	#	2	
	One Cook	Place, Bridge Address	man, MI	4910 <u>6</u>		3-05 R/ r Org. P	R1464	b No., etc
	3. Work Perfo	rmed by <u>Instal</u>	lation S	ervi ces	•	_	ol Stamp <u>N</u>	_
			Name	<u> </u>			No. <u>N/A</u>	
•	<u>Same as</u>	#2 Address			Expira	ation Dat	e N/A	
	•							•
4	1. Identificat	cion of System _	SAFETY :	INJECTI(ON	ASI	ME CODE CI	ASS 1
(5		ole Const. Code . ole Edition of S						
		r 1983 Addend						
6	. Identificat	cion of Componen	ts Repair	ed or Rep	laced and Re	placemen	t Component:	S .
	Name of Component	Name of Manufacturer	Manuf. Serial	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
-	2-GSI-R540 1/2" SS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15677	N/A	A240 GR 304 (91A)	N/A	REPLACE- MENT	NO NO
-								
r								
 						<u> </u>		
L	 	!	l	<u> </u>		<u> </u>	<u> </u>	<u>[</u>]
7	. Description	of Work <u>REWO</u>	RKED SUP	PORT 2-	GSI-R540.			
8	. Test Conduc	ted: Hydrostati	ic	Pneumati	c Nom	inal Ope	rating Press	sure
	N/A X	Other I	Pressure _	N/A	psi Tes	t Temp.	N/A	°F
(i:	1) size is 8-1 ncluded on eac	ntal sheets in f /2 in. x 11 in., h sheet, and (3) top of this for	(2) info each she	rmation	in items 1 t	hrough 6	on this rep	ort is

	٥	Remarks	,
	э.	Remarks	Applicable Manufacturer's Data Reports to be attached
4			
			Ref. JO: C34683-05 DESIGN CHANGE: N/A (LBPRP)
			REPAIR/REPLACEMENT TRAVELLER: RR95-1464 ISI CLASS: 2
			·
			CERTIFICATE OF COMPLIANCE
		REPLACEME	tify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI. replacement
		Type Code	Symbol Stamp N/A
		Certificat	of Authorization No. N/A Expiration Date N/A
*		SignedW	Navne Cretsinger, Senior Planner Dwner or Owner's Designee, Title
			,
	,		CERTIFICATE OF INSERVICE INSPECTION
		and Pressur	ersigned, holding a valid commission issued by the National Board of Boiler re Vessel Inspectors and the State or Province of <u>MICHIGAN</u> and employed GHT MUTUAL INS. CO. of WALTHAM, MASS.
		have inspec 2-14-90 and belief,	the the components described in this Owner's Report during the period to 5-24-56, and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME
•		By signin warranty, e described i employer sh	any this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.
	•	Inspecto	Commissions Mid Coss En NiT National Board, State, Province, Endorsements
İ	1	DateMiy	<u>19 5c-</u>

· • v And the second s r a rb atte n rest e de la companya del companya de la .

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

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recorded at the top of this form.

. Owner INDI	ANA MICHIGAN	POWER CO	OMPANY ·	Date	-05-28-	96	
P.O. Box	Name 60 Fort Wayne Address	. IN 46	5801	Sheet	1	of2	
2. Plant D.C.	COOK NUCLEAR	POWER I	PLANT	Unit	ALE N	# 2	
One Cook	Place, Bridgm Address	an, MI'	19106			<i>J-</i> 164, val D. No., Job	
3. Work Perfor	med by <u>Mainten</u> Nar 2	_	partment	Authoriz	de Symbol ation No on Date	Stamp <u>N/</u> . <u>N/A</u> . N/A	Α
4. Identificat	Address ion of System _	Reac	tor Coc		em .		
(b), Applicab	ole Const. Code in ole Edition of Se or 1983 Addenda	ection XI	Utilized	for Repairs	.or.Repla	acements 19	Code Case 33.
	ion of Component	s Repaire			placement		
		Manuf.	Nat.	Other	, 5 5	Repaired Replaced or	ASME Code Stamped
Name of Component	Name of Manufacturer	Serial No.	Board No.	Identi-	Year ' Built	Replace-	(Yes or No)
2-NRV-164	ž		ı,	fication	", <u>-</u> '-		
Trim assy(plug)	SA-564 gr 630			M&E#: 30-036074 ASP#15705	n/a	replace	йО
7. Description	of Work	(See Rem	arks)				
	ted: Hydrostati						
n/a <u>√</u>	Other	Pressu	re	psi	Test Te	mp	°F
(1) size is 8-1	ntal sheets in f /2 in. x 11 in.,	(2) info	rmation	in items 1 t	hrough 6	on this rep	ort is

. Remarks <u> </u>	Mechanically replaced the trim assembly which includes the Applicable Manufacturer's Data Reports to be attached
	plug.
	prug.
•	Ref. JO:C34687-3 File: 2-NRV-164 ISI Class: 1
-	
Mer.	CERTIFICATE OF COMPLIANCE
replaceme	rify that the statements made in the report are correct and this ent conforms to the rules of the ASME Code, Section XI. replacement
Type Code	Symbol Stamp N/A
Signed <u>Fra</u>	e of Authorization No
	. ,
, ,	CERTIFICATE OF INSERVICE INSPECTION
and Pressur	rsigned, holding a valid commission issued by the National Board of Boiler e Vessel Inspectors and the State or Province of <u>Michigan</u> and employed GHT MUTUAL INS. CO.* Of NORWOOD, MASS.
have inspect 4-29-90 and belief,	thed the components described in this Owner's Report during the period to, and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures n this Owner's Report in accordance with the requirements of the ASME
By signin warranty, e described i employer sh	g this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his call be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.
212 M	termissions Mich 0055 END N&I
Inspecto	r's Signature National Board, State, Province, Endorsements
Date June	*FACTORY MUTUAL SYSTEM
_ ~ ~ 	

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

P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of Address	2
•	
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit	# 2
One Cook Place, Bridgman, MI 49106 C35132-04, 2-MRV-2 Address Repair Org. P.O. N	
3. Work Performed by <u>Maintenance Department</u> Type Code Symbol Standard Authorization No. 1 Same as #2 Address Address	1/A
4. Identification of System <u>Main Steam system</u> 5. (a) Applicable Const. Code <u>ANSI B31.1</u> 19 <u>83Ed., N/A</u> Add. (b) Applicable Edition of Section XI Utilized for Repairs or Replacem <u>Summer 1983 Addenda</u>	
6. Identification of Components Repaired or Replaced and Replacement Co	mponents
Name of Name of Serial Board Year Rep	placed Code Stamped (Yes or No)
2-MRV-233 Trim assy. Fisher	olace NO
7. Description of Work(See Remarks)	
8. Test Conducted: Hydrostatic Pneumatic Nominal Operation N/A ✓ Other Pressure psi Test Temp. NOTE: Supplemental sheets in form of lists, sketches, or drawings may b	°F

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

Remarks	Mechanically repla Applicable Manufac				nev
	Pluq.				
			•	•	
••	Ref. JO:C35132-4	File:	2-MRV-233	ISI Class:	2
	•			,	
-2	CERT	rificate of	. со́мъ̀гтуисв		
replaceme	eify that the statement conforms treplacement				
	Symbol Stamp N/A e of Authorization No.	•	Expiration	DateN/A	-
	ink Pisarsky, Maint Eng Owner or Owner's Design			, 1996	
<u>a</u>					
4	CERTIFIC	ATE OF INSE	RVICE INSPECTION	•	
and Pressur	rsigned, holding a val e Vessel Inspectors an GHT MUTUAL INS. CO.*	d the State	e or Province of _	<u>Michigan</u> and em	Boiler ployed
and belief,	the Owner has perform n this Owner's Report	ed examina	nd state that to t tions and taken co	the best of my know prrective measures	ledge
Code, Secti By signing warranty, e	on XI. g this certificate nei expressed or implied, c n this Owner's Report.	ther the In	nspector nor his e	employer makes any and corrective meas	
employer sha loss of a	all be liable in any many kind arising from o	anner for a	any personal injur d with this inspec	y or property dama tion.	ge or
Inspecto	r s Signature Comm		Inch 10055, ENDN & State	L e, Province, Endors	ements
Date June	19 96		*FACTORY MUTUAL	SYSTEM	•
					•

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

	Owner <u>INDI</u> Name	ANA MICHIGAN	POWER CO	MPANY :	Date_0	<u>5-29-96</u>		
,	P.O. Box	60 Fort Wayne Address	, IN 46	801	Sheet	1	of2	
2.	Plant D.C.	COOK NUCLEAR	POWER F	LANT	Unit		# 2	· · · · · · · · · · · · · · · · · · ·
	One Cook	<u>Place, Bridgm</u> Address					7-160, vlv). No., Job	
	Work Perfor			oartment	Authoriz	ation No.	Stamp <u>N/</u> <u>N/A</u> N/A	
4.	'Identificat	Address ion of System _	L	etdown	(CVCS)	·•	,	
	(b) Applicab Summer	le Const. Code A le Edition of Se r 1983 Addenda	ection XI	Utilized	for Repairs	or Repla	acements 19 <u>8</u>	
	Name of	Name of	Manuf Serial '	Nat. Board	Other	Year -	Repaired Replaced or Replace-	ASME Code Stamped (Yes
	Component	Manufacturer	No.	No.	Identi- fication	Built	ment	or No)
2	-QRV-160				•			
	rim assy disc)	s/s ·			30-036134 ASP#17986	n/a	replace	ио
-					<u> </u>			
						 	<u> </u>	
7.	Description	of Work	(See Rem	arks)				
8.	Test Conduc	ted: Hydrostat	Lc	Pneumati	.c Nom	inal Ope	rating Press	sure
	n/a <u>√</u>	Other	Pressu	ıre	psi	Test Te	mp	°F
(1) in) size is 8-1 cluded on eac	ental sheets in a 1/2 in. x 11 in., th sheet, and (3) top of this for	, (2) info	ormation	in items 1 t	hrough 6	on this rep	port is

9. Remarks	Replaced the trim assembly which included the disc.Rather tha
	Applicable Manufacturer's Data Reports to be attached
	as initially planned, the bonnet fasteners were "not" changed out
-	due to ALARA considerations.
	Ref. JO:C35175-2 File: 2-ORV-160 ISI Class: 2
j.	NCL: UO: USSI75-2 TITE: 2-ORV-100 ISI Class: 2
•	
•	
	CERTIFICATE OF COMPLIANCE
* *	
	rtify that the statements made in the report are correct and this ment conforms to the rules of the ASME Code, Section XI.
	r replacement
Type Code	e Symbol Stamp N/A
Certifica	ate of Authorization No. N/A Expiration Date N/A
Signed Fr	rank Pisarsky, Maint, Eng. Supervisor Date Sy, 1996
Signed E	Owner or Owner's Designee, Title
,	
* ************************************	•
	CERTIFICATE OF INSERVICE INSPECTION
I, the und	dersigned, holding a valid commission issued by the National Board of Boiler
by ARKW	ure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed RIGHT MUTUAL INS. CO.
have inspe	ected the components described in this Owner's Report during the period
3-14-96	to 6-10-96, and state that to the best of my knowledge f, the Owner has performed examinations and taken corrective measures
described	in this Owner's Report in accordance with the requirements of the ASME
Code, Sect	tion XI.
	ing this certificate neither the Inspector nor his employer makes any
described	expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his
employer s	shall be liable in any manner for any personal injury or property damage or
	any kind arising from or connected with this inspection.
2120	Tuters and Commissions Mich 0055, GNO NET
Inspect	tor's Signature Commissions Mich 0055, CND NIT National Board, State, Province, Endorsements
1 .	**************************************
Date Jun	ve 10 19 96
L	

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

P.O. Box	60 Fort Wayne Address	IN 46	801	Sheet	11	of <u>2</u>	
2. Plant <u>D.C</u>	. COOK NUCLEAR	POWER I	PLANT	Unit	•	#_2	
One Cook	Place, Bridgm Address	an. MI 4	19106	<u>C35176-2</u> , Repair		-161, vlv D. No., Job	No., etc
Same as #	rmed by <u>Mainten</u> Nam Address	-	partment		ation No	Stamp N/ N/A N/A	
. Identificat	address tion of System _	Letdow	m (CVCs	3) *			
(b) Applical Summe	ole Const. Code A ole Edition of Se r 1983 Addenda tion of Component	action XI	Utilized	for Repairs	or Repla	acements 19§	
-Name of	Name of Manufacturer	Manuf. Serial	Nat. Board - No.	Other	Year -	Repaired Replaced or Replace-	ASME Code Stamped (Yes or No)
<u>-</u>		,		fication			
2-QRV-161		•		, , ,		e	
All thread	SA-453 gr660			30-212310 ASP#17977	n/a	replace	NO
Nuts	SA-194 gr 8F			30-212140 ASP#16474	n/a	replace	МО
Trim assy	s/s	•		30-036134 ASP#14479	n/a	replace	NO
. Description	of Work	(See Rem	arks)				
. Test Conduc	ted: Hydrostati	Lc	Pneumati	cNom	inal Oper	rating Press	sure

recorded at the top of this form.

9. Remarks The existing bonnet/body fasteners were replaced with stainless Applicable Manufacturer's Data Reports to be attached
steel fasteners per Component Eval CE-96-0103. Additionally,
the trim assembly including the disc was replaced.
Ref. JO:C35176-2 File: 2-ORV-161 ISI Class: 2
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Frank Pisarsky, Maint Eng Supervisor Date 5/30 , 19 96
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed by <u>ARKWRIGHT MUTUAL INS. CO.*</u> of <u>NORWOOD, MASS.</u>
have inspected the components described in this Owner's Report during the period \(\frac{4/2/90}{2/90} \) to \(\frac{6/9}{2} \), 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.
Massauf Commissions Mich 3055, END NIT
Inspector's Signature National Board, State, Province, Endorsements
*FACTORY MUTUAL SYSTEM
Date <u>ゴッNマ : り 19 9 ら</u> .

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

	Name					•	
P.O. Box	60 Fort Wayne Address		801	Sheet	1 *	of2	
Plant <u>D.C.</u>	COOK NUCLEAR	R POWER I	PLANT	Unit _		# 2	
One Cook	Place, Bridgm Address	nan, MI 4	19106			-301, vlv O. No., Job	
. Work Perfor	cmed by <u>Mainter</u> Na 2		partmen	Authoriz	ation No	l Stamp <u>N/</u> . <u>N/A</u> N/A	
. Identificat	Address ion of System _	Chemic	al Vol	-			
(b) Applicab	ole Const. Code	ection XI	. <u>l</u> 19 Utilized	83Ed., N/	AAdd or Repl	. N/A acements 19	Code Case
8 6 5 v 1	r 1983 Addend	 	ed or Reg	placed and Re	placemen	t Component	. 9
"Name"of	Name of	Manuf. Serial	Nat. Board	Other		Repaired Replaced or Replace-	ASME Code Stamped (Yes
Component	Manufacturer	No."	No.	Identi-	Built	ment	or No)
Component	Manufacturer	No.	' No.	Identi-	Built	ment	or No)
Component 2-QRV-301	Manufacturer	No.	' No.'		n/a	replace	or No)
Component 2-QRV-301 Trim assy.		No.	' No.'	fication M&E#: 30-036122		replace	
Component 2-QRV-301 Trim assy.	Manufacturer	No.	No.	fication M&E#: 30-036122			
Component 2-QRV-301 Trim assy. (Plug)				fication M&E#: 30-036122 ASP#17372		replace	
Component 2-QRV-301 Trim assy. (Plug) . Description		(See Rem	arks)	fication M&E#: 30-036122 ASP#17372	n/a	replace	NO

included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

	c. 1.	7			
	_the_p	Tna			
	Ref.	JO:C35864-1	File:	2-ORV-301	ISI Class: 2
				. •	d
· · · · · · · · · · · · · · · · · · ·		CEI	RTIFICATE O	F COMPLIANCE	-
We cer	tify that	t the statemen	its made in	the report are co es of the ASME Cod	rrect and this
repair or	replace	ment	to the rule	es or the ASME Cod	e, section XI.
	_				
Type Code	Symbol S	Stamp <u>N/A</u>		····	
		thorization No	. <u>N/A</u>	Expiration	Date N/A
	nk Pisa	rsky. Maint En Owner's Desig		or DateS(36	, 19 <u></u> 96
	nk Pisa	csky. Maint En		or DateS\30	, 1996
	nk Pisa	csky. Maint En		or DateS36	, 19 <u></u> 96
	nk Pisa	rsky, Maint En Owner's Desig	mee, Title		, 19 <u>96</u>
	nk Pisa	rsky, Maint En Owner's Desig	mee, Title	Date S 36	, 19 <u></u> 96
	ank Pisa Owner or	rsky. Maint.En Owner's Desig	CATE OF INS	ERVICE INSPECTION	
I, the und	owner or ersigned,	CERTIFIC holding a value inspectors a	CATE OF INS	ERVICE INSPECTION sion issued by the	National Board of Boile Michigan and employe
I, the undeand Pressur	ersigned	CERTIFIC holding a value inspectors a	CATE OF INS	ERVICE INSPECTION sion issued by the ce or Province of NORWOOD, MA	National Board of Boile <u>Michigan</u> and employe
I, the under and Pressur ARKWR	ersigned, Control Cont	CERTIFIC holding a value inspectors a JAL INS. CO.*	CATE OF INS	ERVICE INSPECTION sion issued by the se or Province of NORWOOD, MA this Owner's Repo	National Board of Boile Michigan and employe SS. rt during the period
I, the undone and Pressure oy ARKWR nave inspec	ersigned, ce Vessel GHT MUTT	CERTIFIC holding a val Inspectors a JAL INS. CO.* components de	CATE OF INS	ERVICE INSPECTION sion issued by the se or Province of NORWOOD, MA this Owner's Repo	National Board of Boile Michigan and employe SS. rt during the period the best of my knowledge
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I, the under and Pressur ARKWR have inspected and belief described according to the second according t	ersigned, every the Control of this control of	CERTIFIC holding a val Inspectors a JAL INS. CO.* components de to 6-11-96 ner has perfor wher's Report certificate ne d or implied, wher's Report liable in any	CATE OF INSTITUTE	ERVICE INSPECTION sion issued by the se or Province of NORWOOD, MA this Owner's Repo and state that to ations and taken co ance with the requ Inspector nor his the examinations acre, neither the	National Board of Boile Michigan and employe SS. rt during the period the best of my knowledge orrective measures irements of the ASME employer makes any and corrective measures Inspector nor his ry or property damage or
I, the under and Pressur by ARKWR have inspected and belief described and belief described arranty, electribed amployer shalloss of a loss of a second and belief described arranty.	ersigned, every the Control of this control of	CERTIFIC holding a va Inspectors a JAL INS. CO.* components de to 6-11-96 mer has perfor certificate ne dor implied, wher's Report certificate in any arising from	CATE OF INSTANT OF INS	ERVICE INSPECTION sion issued by the te or Province of NORWOOD, MA this Owner's Repo and state that to ations and taken co ance with the requ Inspector nor his the examinations more, neither the any personal injued with this inspe	National Board of Boile Michigan and employe SS. rt during the period the best of my knowledge orrective measures irements of the ASME employer makes any and corrective measures Inspector nor his ry or property damage or ction.
I, the under and Pressure by ARKWR have inspected and belief described code, Section By signiful warranty, edescribed and proper shall be a loss of a section of the sectio	ersigned, every the Control of this control of	CERTIFIC holding a value in spectors a JAL INS. CO.* components de to 6-11-96 her has perfor owner's Report certificate ned or implied, owner's Report iable in any arising from	CATE OF INSTANT OF INS	ERVICE INSPECTION sion issued by the se or Province of NORWOOD, MA this Owner's Repo and state that to ations and taken cance with the requ Inspector nor his the examinations hore, neither the any personal injuited with this inspe	National Board of Boile Michigan and employe SS. rt during the period the best of my knowledge orrective measures irements of the ASME employer makes any and corrective measures Inspector nor his ry or property damage or ction.
I, the under and Pressure by ARKWR have inspected and belief described code, Section By signiful warranty, edescribed and proper shall be a loss of a section of the sectio	ersigned, re Vessel GHT MUTT the Own in this (CERTIFIC holding a value in spectors a JAL INS. CO.* components de to 6-11-96 her has perfor owner's Report certificate ned or implied, owner's Report iable in any arising from	CATE OF INSTANT OF INS	ERVICE INSPECTION sion issued by the se or Province of NORWOOD, MA this Owner's Repo and state that to ations and taken cance with the requ Inspector nor his the examinations hore, neither the any personal injuited with this inspe	National Board of Boile Michigan and employe SS. rt during the period the best of my knowledge orrective measures irements of the ASME employer makes any and corrective measures Inspector nor his ry or property damage or ction. T e, Province, Endorsement

FURM NIB-2 UWNER'S KEPURT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

	P.O. Box	60 Fort Wayne	. IN 46	801	Sheet	1	of2	
2.	Plant D.C.	COOK NUCLEAR	POWER F	LANT	Unit _	t	# 2	,
	One Cook	Place, Bridgm Address	an, MI 4	9106			RV-400 . No., Job 1	No., etc
	Work Perfor		_	partment		ation No	. Stamp <u>N/</u> . <u>N/A</u> N/A	· · · · · · · · · · · · · · · · · · ·
1.	Identificat	Address . ion of System _		Boric	Acid and E	mergen	y Boratic	n
	(b) Applicab Summe:	ole Const. Code dole Edition of Ser 1983 Addendation of Component	ection XI	Utilized	for Repairs	or Repl	acements 193	.:
	Name of omponent	Name of	Manuf. Serial No.	Nat. Board No.	Other	ł	Repaired •Replaced or •Replace- ment	ASME Code Stamped (Yes
		de		,	fication			
2-(QRV-400		•,				4	
	nnet/actu. sembly				30-040529 ASP#14553	n/a	replace	ИО
					· · · · · · · · · · · · · · · · · · ·			· ·
		<u> </u>		,	<u> </u>	L		<u> </u>
7.	_	of Work			.c Nom	inal Ope	rating Pres	sure
3.		4				Test Tem		

	Applicable Ma	anutacturer's D	ata Reports to be a	ittached
				
	the same of the sa	•		•
	Ref. JO:C358	78-2 File:	2-ORV-400	ISI Class: 2
	,			
	<i>;</i>		·	•
	•	CERTIFICATE (OF COMPLIANCE	•
			the report are cones of the ASME Code	
repair or	replacement		•	
Type Code	Symbol Stamp	n/a		•
1750 0000	. ojmoot boamp		* * *	
Certifica	te of Authorigation	on No. N/A	Expiration	Date N/A
,	S. K.	,	·	
	Je /		D-4- 612A	. 10 97
	ank Pisarsky, Mai			· , 19 <u>96</u>
1 % *	Owner or Owner's	Designee, Title		• • • • • • • • • • • • • • • • • • • •
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		PATETONE OF THE	PROVICE THEORYCTION	
	CER	RTIFICATE OF IN	SERVICE INSPECTION	
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	ersigned, holding	a valid commis	sion issued by the	National Board of Boile
	ersigned, holding	a valid commis	sion issued by the	National Board of Boile
and Pressu	ersigned, holding are Vessel Inspect	a valid commis	sion issued by the	Michigan and employe
and Pressu	ersigned, holding re Vessel Inspect IGHT MUTUAL INS.	a valid commisors and the Sta	sion issued by the te or Province of NORWOOD, MAS	<u>Michigan</u> and employe
and Pressuby <u>ARKWE</u>	ersigned, holding re Vessel Inspect IGHT MUTUAL INS.	a valid commisors and the Sta	sion issued by the te or Province of NORWOOD, MAS this Owner's Report	Michigan and employeds. St. during the period
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and Pressur by ARKWE have inspendent of the control	ersigned, holding re Vessel Inspect IGHT MUTUAL INS. ected the componen to 6-16, the Owner has p in this Owner's R ion XI. ng this certifica expressed or implin this Owner's R hall be liable in any kind arising	a valid commisors and the Sta CO.* ts described in erformed examine eport in accordate neither the ied, concerning eport. Further any manner for from or connect Commissions	ssion issued by the te or Province of NORWOOD, MAS a this Owner's Reportant state that to the stations and taken collance with the requirement of the examinations at the examination at the exa	Michigan and employed SS. The during the period of the best of my knowledge or extractive measures irements of the ASME employer makes any and corrective measures inspector nor his ry or property damage or extraction.
and Pressur by ARKWE have inspendent of the control	ersigned, holding re Vessel Inspect IGHT MUTUAL INS. ected the componen to 4-14, the Owner has p in this Owner's R ion XI. ng this certifica expressed or implin this Owner's R shall be liable in	a valid commisors and the Sta CO.* ts described in erformed examine eport in accordate neither the ied, concerning eport. Further any manner for from or connect Commissions	ssion issued by the te or Province of NORWOOD, MAS a this Owner's Reportant state that to the stations and taken collance with the requirement of the examinations at the examination at the exa	Michigan and employed SS. It during the period the best of my knowledge orrective measures irements of the ASME employer makes any and corrective measures inspector nor his ry or property damage or etion.
and Pressur by ARKWE have inspendent of the control	ersigned, holding re Vessel Inspect IGHT MUTUAL INS. ected the componen to 6-16, the Owner has p in this Owner's R ion XI. ng this certifica expressed or implin this Owner's R hall be liable in any kind arising	a valid commisors and the Sta CO.* ts described in erformed examine eport in accordate neither the ied, concerning eport. Further any manner for from or connect Commissions	ssion issued by the te or Province of NORWOOD, MAS a this Owner's Reportant state that to the stations and taken collance with the requirement of the examinations at the examination at the exa	Michigan and employed SS. The during the period of the best of my knowledge or extractive measures irements of the ASME employer makes any and corrective measures inspector nor his ry or property damage or extraction.
and Pressuby ARKWE have inspection of the control o	dersigned, holding are Vessel Inspect IGHT MUTUAL INS. acted the componen to 6-16, the Owner has p in this Owner's R ion XI. ag this certificate expressed or impling this Owner's R shall be liable in any kind arising the cor's Signature	a valid commissors and the Sta CO.* ts described in erformed examine eport in accordance te neither the ied, concerning eport. Further any manner for from or connect Commissions Na	ssion issued by the te or Province of NORWOOD, MAS a this Owner's Reportant state that to the stations and taken collance with the requirement of the examinations at the examination at the exa	Michigan and employed SS. The during the period of the best of my knowledge or crective measures irements of the ASME employer makes any and corrective measures inspector nor his ray or property damage or cotion.
and Pressur by ARKWE have inspendent of the control	dersigned, holding are Vessel Inspect IGHT MUTUAL INS. acted the componen to 6-16, the Owner has p in this Owner's R ion XI. ag this certificate expressed or impling this Owner's R shall be liable in any kind arising the cor's Signature	a valid commisors and the Sta CO.* ts described in erformed examine eport in accordate neither the ied, concerning eport. Further any manner for from or connect Commissions	ssion issued by the te or Province of NORWOOD, MAS a this Owner's Reportant and state that to the stations and taken collance with the requirement of the examinations at the examination at the	Michigan and employed SS. The during the period of the best of my knowledge or crective measures irements of the ASME employer makes any and corrective measures inspector nor his ray or property damage or cotion.
and Pressuby ARKWE have inspection of the control o	dersigned, holding are Vessel Inspect IGHT MUTUAL INS. acted the componen to 6-16, the Owner has p in this Owner's R ion XI. ag this certificate expressed or impling this Owner's R shall be liable in any kind arising the cor's Signature	a valid commissors and the Sta CO.* ts described in erformed examine eport in accordance te neither the ied, concerning eport. Further any manner for from or connect Commissions Na	ssion issued by the te or Province of NORWOOD, MAS a this Owner's Reportant and state that to the stations and taken collance with the requirement of the examinations at the examination at the	Michigan and employed SS. The during the period of the best of my knowledge or crective measures irements of the ASME employer makes any and corrective measures inspector nor his ray or property damage or cotion.

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

P.O. Box	60 Fort Wayne Address	, IN 46	5801	Sheet	11	of2	
. Plant <u>D.C</u>	. COOK NUCLEAR	POWER I	PLANT	Unit _	· ·	# 2	
One Cook	Place, Bridgm Address	an, MI 4	19106	<u>R26440-</u> Repair		CS-292, vl O. No., Job	
Work Perfo			oartment	Authoriz	ation No	l Stamp <u>N/</u> . <u>N/A</u> . N/A	Α
Identifica	Address ; tion of System _	Che	emical V	olume Cont	rol Sy	stem	
(b) Applica	ble Const. Code Able Edition of Secr 1983 Addenda	ection XI					
Identifica	tion of Component	s Repaire	ed or Rep	laced and Re	placemen	t Components	
"Name"of Component	' Name of " Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi-	Year Built	Repaired Replaced or Replace-" ment	ASME Code Stamped (Yes or No)
				fication			
	Conval SA-182 F316			30-035085 ASP#18264	n/a	replace	NO
:-CS-292				30-016711	n/a	replace	
	SA-106 gr312 TP304			ASP#13597	 		
-CS-292 Pipe				ASP#13597			
				ASP#13597			
ipe			arks)	ASP#13597			·

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

9.	Remarks	Replaced valve and adjacent piping by welding. The valve was Applicable Manufacturer's Data Reports to be attached							
		a "non identical replacement" done per MM-404 subtask# 274							
		Ref. JO:R26440-2.8 File: 2-CS-292	-						
_	-								
		•	***						
		CERTIFICATE OF COMPLIANCE							
	replace	ertify that the statements made in the report are correct and this ement conforms to the rules of the ASME Code, Section XI. or replacement							
	Type Cod	le Symbol. Stamp N/A							
15 0 b		Sate of Authorization No. N/A Expiration Date N/A Frank Pisarsky, Maint Eng Supervisor Date 7/26, 1996 Owner or Owner's Designee, Title	,						
	·	CERTIFICATE OF INSERVICE INSPECTION							
	and Press by ARKW have insp	dersigned, holding a valid commission issued by the National Board of Boild Bure Vessel Inspectors and the State or Province ofMichigan and employed the Components described in this Owner's Report during the period to3/1/96, and state that to the best of my knowledged, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME stion XI. Sing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage of any kind arising from or connected with this inspection. **Matter Pause** Commissions** **Lizen OOST** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorsement** The Commissions **Taking OOST*** **Endorseme	ed						
1	Date <u>A</u>	*FACTORY MUTUAL SYSTEM							

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

Owner <u>INDI</u>	ANA MICHIGAN' Name	POWER CO	OMPANY	Date_0	7-30-96	5	• '
P.O. Box	60 Fort Wayne Address	. IN 4	6801	Sheet	. 1	_of2	•
2. Plant D.C.	COOK NUCLEAR	POWER	PLANT	Unit _		# 2	<u> </u>
One Cook	Place, Bridgm Address	an, MI	49106			-432, 1-/2 O. No., Job	
Same as #:			partmen	Authoriz	ation No	1 Stamp <u>N/</u> . <u>N/A</u> . N/A	
	Address ion of System <u>C</u>					- 	
(b) Applicab Summe:	ole Const. Code Aple Edition of Ser 1983 Addendarion of Component	ection XI	Utilized	l for Repairs	or Repl	acements 19 <u>{</u>	33.
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No:	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-CCM-432	conval	,					
bonnet/pack- ing chamber	SA-479 with hardfacing			30-035206 ASP# 3769	n/a	replace	ио
stem assy.	SA-479 with hardfacing	•		30-035566 ASP# 318	n/a	replace	ио
3. Test Conduc	of Work	.c	Pneumati	•			
	Other_VT-2ntal_sheets in f			_			

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

•	Applicable Manufact	turer's Data Reports to	be attached
Cha	amber) and replac	ced disc included w	vith stem assembly.
<u> </u>			
<u>_R</u>	ef. JO:R33409-8	File:2-CCM-432	ISI Class: 2
	-12	•	•
	CERT	FIFICATE OF COMPLIANCE	
	conforms to	s made in the report as o the rules of the ASM	
Type Code Sym	bol Stamp N/A		
Signed Frank	f Authorization No.	N/A Expira .Supervisor Date7/ ee, Title	ation Date N/A
·		* * * * * * * * * * * * * * * * * * *	
		# <u> </u>	
- H = -	CERTIFICA	TE OF INSERVICE INSPEC	TION
and Pressure V	essel Inspectors and		y the National Board of Boiler e of <u>Michigan</u> and employed D. MASS.
and belief, th	to <u>3-5-96</u> e Owner has performation of the owner's Report :	, and state that ed examinations and tal	Report during the period to the best of my knowledge ken corrective measures requirements of the ASME
By signing t warranty, expr described in t employer shall	his certificate neithesed or implied, con his Owner's Report. be liable in any marketses	oncerning the examinat: Furthermore, neither	injury or property damage or
mastuter	paux Comm	issions Michooss.E	JN;E
Inspector 's	Signature	issions Met 0055, 6. National Board,	State, Province, Endorsements
Date August	, 5 19 90	*FACTORY M	UTUAL SYSTEM
•			,

Ó	1.	Owner <u>AMER</u>	RICAN ELECTRIC	C POWER	•		05/0	07/96	
		P.O. Box	Name 60 Fort Wayne	e, IN 4	6801 '	Sheet	1	of 2	
•			Address	r .			 		
	2.	Plant D.C.	COOK NUCLEAR	R POWER	PLANT	Unit _	#_	2	
One Cook Place, Bridgman, MI 49106 R39269-05 R/R1457									
Address Repair Org. P.O. No., Job 1							No., etc		
	3.	Work Perfor	med by <u>Install</u>		ervices			ol Stamp <u>N</u>	/A
		Same as		Name				No. <u>N/A</u> e <u>N/A</u>	
			Address				icion bac	e <u>N/A</u>	
	4.	Identificat	ion of System _	REACTOR	COOLAN	r	ASI	ME CODE CL	ASS 1
	5.	(b) Applicab	le Const. Code le Edition of S	ection XI	.1_19 _ Utilized	83Ed., N for Repairs	/A Add.	. <u>N/A</u> acements 19 <u>9</u>	Code Case
		Summer	r 1983 Addend	<u>a</u>	•		*		
	6.	Identificat	ion of Componen	ts Repair	ed or Rep	placed and Re	placemen	t Components	,
		Name of		,		Öther		Repaired	ASME
D	(Component	Name of	Manuf.	Nat.	ĺ		Replaced or	Code Stamped
		•	Manufacturer	Serial No.	Board No.	Identi- fication	Year Built	Replace- ment	(Yes or No)
	2-	-SV-45A	CROSBY	N56499- 00-0002	N/A	STYLE . HB-86-BP-E	N/A	REPLACED	NO .
		4" SS HREADED ROD	CARDINAL	ASP# 15984	N/A	SA453 GR 660	n/a	REPLACE- MENT	NO
		' SS HREADED ROD	CARDINAL	ASP# 17603	N/A	SA453 GR 660	N/A	REPLACE- MENT	NO
		SS H.H.	CARDINAL	ASP# 17651	N/A	SA194 GR 8F	N/A	REPLACE- MENT	МО
								_	
	7.	Description	of Work <u>REMO</u>	VED AND	REPLACE	D VALVE 2-	SV-45A	FOR SETPO	ייאד
	TES	STING AND R	EPLACED INLE	r and ou	TLET ST	UDS AND NU	rs		
	٥	Test Conduct	ted: Hydrostati		Pneumati	a D vani	O		
	٠.		Lea: nyarostati	لبـــا ``	riieumat1	Nom	mai Oper	rating Press	ure X
		N/A	Other I	Pressure _	N/A	psi Tes	t Temp.	N/A	_°F
	(1)	size is 8-1/	ntal sheets in f /2 in. x 11 in., n sheet, and (3)	(2) info	rmation	in items 1 th	rough 6	on this rep	ort is
:	rec	orded at the	top of this for	m.					

. 9.	Remarks	
	•	Applicable Manufacturer's Data Reports to be attached
		•
		,
		Ref. JO: R39269-05 DESIGN CHANGE: N/A
		REPAIR/REPLACEMENT TRAVELLER: RR96-1457 ISI CLASS: 1
		REPAIR/REPLACEMENT TRAVELLER: RR90-1457 IST CHASS: I
		•
1		CERTIFICATE OF COMPLIANCE
	We cer	tify that the statements made in the report are correct and this
İ	REPLACEM	CONFORMS to the rules of the ASME Code, Section XI.
f		
	Type Code	Symbol StampN/A
- [Certifica	ten of Authoxization No. N/A Expiration Date N/A
,[•	Whipe City
}	Signed	Wayne Cretsinger, Senior Planner Date MAY 7 , 19 96 Owner or Owner's Designee, Title
}	<i>*</i>	Owner of Owner's Designee, little
		, •
	,	CERTIFICATE OF INSERVICE INSPECTION
	I, the und	ersigned, holding a valid commission issued by the National Board of Boiler
	and Pressu by ARKWR	re Vessel Inspectors and the State or Province of <u>MICHIGAN</u> and employed IGHT MUTUAL INS. CO. of WALTHAM, MASS.
	have inspe	IGHT MUTUAL INS. CO. of WALTHAM, MASS. Cted the components described in this Owner's Report during the period
-	and belief	to, and state that to the best of my knowledge , the Owner has performed examinations and taken corrective measures
ł	described Code, Sect	in this Owner's Report in accordance with the requirements of the ASME
ļ	By signi	ng this certificate neither the Inspector nor his employer makes any
	warranty,	expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his
	employer s	hall 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	212 M	wermand Commissions Mich 0055, End NII
ļ	Inspect	or's Signature National Board, State, Province, Endorsements
	Date Ma	y 24 19 96
1	2000	

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6	1. Owner AMER	CICAN ELECTRIC	C POWER		Date _	05/0	07/96		
	P.O. Box	Name 60 Fort Wayne	e, IN 4	6801	Sheet	1	of <u>2</u>		
	2. Plant D.C.	Address COOK NUCLEAR	R POWER	PLANT		#	2		
	Name One Cook Place, Bridgman, MI 49106					,			
		Address		•	•	r Org. P	.O. No., Jol	o No., etc	
	3. Work Perfor Same as		<u>lation So</u> Name	ervices	Author	ization	ol Stamp <u>N</u> No. <u>N/A</u> e <u>N/A</u>	/A	
		Address			- . •		•		
	4. Identificat	ion of System _	REACTOR	COOLAN	<u> </u>	ASI	ME CODE CL	ASS 1	
	(b) Applicab	le Const. Code . le Edition of S	ection XI	1_19 Utilized	83Ed., N for Repairs	/A_Add. or Repl	N/A acements 19 <u>8</u>	Code Case	
		1983 Addend		ed or Rep	laced and Re	placemen	t Components	3	
D,	Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)	
	2-SV-45C	CROSBY	RV8010- C	N/A	STYLE HB-86-BP-E	n/a	REPLACED	NO	
	1" SS H.H. NUTS	CARDINAL	ASP# 17651	N/A	SA194 GR 8F	N/A	REPLACE- MENT	ио	
	1" SS THREADED ROD	CARDINAL	ASP# 17603	N/A	SA453 GR 660	N/A	REPLACE- MENT	NO	
	7. Description TESTING AND R	of Work <u>REMOVED INLET</u>					FOR SETPO	INT	
	8. Test Conduct	ed: Hydrostati	.c	Pneumati	c Nomi	inal Oper	ating Press	ure X	
	N/A	Other F	ressure _	N/A	psi Test	Temp.	N/A	_°F	
	NOTE: Supplemer (1) size is 8-1/ included on each recorded at the	[/] 2 in. x 11 in., n sheet, and (3)	(2) info each she	rmation :	in items 1 th	rough 6	on this rep	ort is	

Months of the second of the se •

9	. Remarks _	
	• 1	Applicable Manufacturer's Data Reports to be attached
•		Ref. JO: R39270-05 DESIGN CHANGE: N/A
		REPAIR/REPLACEMENT TRAVELLER: RR96-1459 ISI CLASS: 1
- ,		
_		
Ţ		
		CERTIFICATE OF COMPLIANCE
	REPLACEME	tify that the statements made in the report are correct and this ENT conforms to the rules of the ASME Code, Section XI. replacement
	Type Code	Symbol Stamp N/A .
		tenof Authorization No. N/A Expiration Date N/A
		Wayne Cretsinger, Senior Planner Date MAY 7 , 1996
	Signed W	Nayne Cretsinger, Senior Planner Date MAY , 19 16 Dwner or Owner's Designee, Title
, _		· .
	•	CERTIFICATE OF INSERVICE INSPECTION
	by ARKWRI have inspec	resigned, holding a valid commission issued by the National Board of Boiler to Vessel Inspectors and the State or Province of MICHIGAN and employed GHT MUTUAL INS. CO. of WALTHAM, MASS. The ted the components described in this Owner's Report during the period to 5-24-9 and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures on this Owner's Report in accordance with the requirements of the ASME on XI.
	By signin warranty, e described is employer sh	ag this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.
	Inspector	Yalional Board, State, Province, Endorsements National Board, State, Province, Endorsements
	Date May	74 19 96.

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Ū	1. Owner AMER	ICAN ELECTRIC	POWER		Date _	05/0	7/96 •	
	P.O. Box	Name 60 Fort Wayne Address	e, IN 4	6801	Sheet	1	of <u>2</u>	
	2. Plant D.C.	COOK NUCLEAR	POWER	PLANT	Unit _	#	2	
	One Cook	Place, Bridgm Address		R39271-06 R/R1458 Repair Org. P.O. No., Job No., etc				
	3. Work Performed by <u>Installation Services</u> Name				Author	ization 1	ol Stamp <u>N</u> No. <u>N/A</u>	
	Same as	#2 Address			Expira	tion Dat	e <u>N/A</u>	· · · · · · · · · · · · · · · · · · ·
	4. Identificat	ion of System _	REACTOR	COOLAN	្រ	ASM	ME CODE CL	ASS 1
	5. (a) Applicab	le Const. Code 2	ANSI B31	.1 19	83Ed., N	/A Add.	N/A	Code Case
	(b) Applicab	le Edition of Sec. 1983 Addenda	ection XI					
		ion of Component		ed or Rep	laced and Re	placement	: Components	3
	Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
	2-SV-45B ·	CROSBY	N56499- ' 00-003	n/a ·	STYLE HB-86-BP-E	N/A	REPLACED	ио
	1%" SS H.H. NUT	CARDINAL	ASP# 10636	N/A	SA194 GR 8F	N/A	REPLACE- MENT	МО
	1" SS THREADED ROD	CARDINAL	ASP# 17603	N/A	SA453 GR 660	N/A	REPLACE- MENT	ио
	1" SS H.H. NUTS	CARDINAL	ASP# 17651	N/A	SA194 GR 8F	N/A	REPLACE- MENT	NO
					· · · · · · · · · · · · · · · · · · ·			
	7. Description TESTING AND R	of Work <u>REMOVEPLACED INLET</u>					FOR SETPO	INT
i	8. Test Conduct	ted: Hydrostati	.c	Pneumati	c . Nomi	inal Oper	ating Press	ure X
	N/A	ii	ressure _			Temp.		_°F
:	NOTE: Supplemer (1) size is 8-1/ included on each	/2 in. x 11 in., n sheet, and (3)	(2) info each she	rmation	in items 1 th	rough 6	on this rep	ort is

. 1 • . ٠, • • . . . * -. . •

	9.	Remarks	•					
			Applicable Manufacturer's Data Reports to be attached					
			•					
			· ·					
		,	Ref. JO: R39271-06 DESIGN CHANGE: N/A					
		,	REPAIR/REPLACEMENT TRAVELLER: RR96-1458 ISI CLASS: 1					
		•						
	1							
,			CERTIFICATE OF COMPLIANCE					
	ļ							
		We cert:	ify that the statements made in the report are correct and this NT conforms to the rules of the ASME Code, Section XI.					
	1	repair or	replacement					
	İ	-						
		Type Code S	Symbol Stamp					
	l	Corrificati	of Authorization No. N/A Expiration Date N/A					
		(.)	VIA O					
	l	W	The Cretsinger, Senior Planner Date HAY 30, 19 96					
	-	Signed Wa	avne Cretsinger, Senior Planner Date PIN 20 , 19 10					
		, 01	wner or Owner's Designee, Title					
	L							
			CERTIFICATE OF INSERVICE INSPECTION					
	Ì		CHAILFIGHTS OF INDERVICE INSPECTION					
	I, the undersigned, holding a valid commission issued by the National Board of Boile and Pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS.							
	by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the peri							
		ا عام 1 - الـ -9 ما الـ الـ الـ الـ الـ الـ الـ الـ الـ ال	to 6-2-96, 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, Sectio						
		By Signing	this certificate neither the Inspector nor his employer makes any					
		warranty, ex described in	pressed 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 an	y kind arising from or connected with this inspection.					
		•	· · · · · · · · · · · · · · · · · · ·					
		mand.	tennacial Commissions Mich 0055. End wir					
	•	Inspector	Commissions Mich coss, End N; E 's Signature National Board, State, Province, Endorsements					
ļ		5500001	nacional boald, State, Flovince, andorsements					
	-							
Ì	, 1	Date <u>Juve</u>	7 19 5 6					
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FORM MIS-2 OWNER'S REPORT FOR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

P O Boy	Name 60 Fort Wayne				· 1	of2	
<u> </u>	Address			511666		.VI <u> </u>	
. Plant <u>D.C.</u>	. COOK NUCLEAR	POWER	PLANT	Unit _	· · · · · · · · · · · · · · · · · · ·	# 2	
One Cook	Place, Bridgm Address	nan, MI 4	19106			-163, vlv o. No., Job	No., et
3. Work Performed by <u>Maintenance Department</u> Type Code Symbol Stamp <u>N/A</u> Name Authorization No. <u>N/A</u> Same as #2 Expiration Date <u>N/A</u>							
. Identificat	Address tion of System_R	eactor (oolant	system '	c	8-	
Summe	ble Edition of Sort 1983 Addendary	a.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	en mercen in the		. مستقيم داد	
		.Manuf.	Nat.	Other		Repaired Replaced	ASME Code Stampe
Name of	Name of Manufacturer	Serial No.	Board No.	Identi-	Year Built	Replace- ment	(Yes or No)
Component	1			fication			
40,			<u> </u>				
2-NRV-163	SA-194 gr 8F			M&E#: 30-212140 ASP#16474	n/a	replace	NO
-	SA-194 gr 8F SA-564 gr 630			M&E#: 30-212140	n/a n/a	replace	NO
2-NRV-163 Nuts 1-1/8"				M&E#: 30-212140 ASP#16474 M&E#: 30-036074			
2-NRV-163 Nuts 1-1/8" trim assy		(See Rem	arks)	M&E#: 30-212140 ASP#16474 M&E#: 30-036074			
2-NRV-163 Nuts 1-1/8" crim assy (plug) Description	SA-564 gr 630			M&E#: 30-212140 ASP#16474 M&E#: 30-036074 ASP#14104	n/a	replace	NO

9. Remarks The trim assembly which includes the disc & the bonnet nuts which Applicable Manufacturer's Data Reports to be attached								
were damaged during disassembly were replaced mechanically.								
Ref. JO:R39692-3 File: 2-NRV-163 ISI Class: 1								
CERTIFICATE OF COMPLIANCE								
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp N/A								
Certificate of Authorization No. N/A Expiration Date N/A Signed Frank Pisarsky, Maint.Eng.Supervisor Date 5/36 , 19 96 Common 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 _ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period /-30-90 to, 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. MATINITIALIZATION Commissions Maional Board, State, Province, Endorsements								
*FACTORY MUTUAL SYSTEM Date								

As Required by the Provisions of the ASME Code Section XI

			's å,		*		,		
1.	Owner <u>INDI</u>	ANA MICHIGAN Name	POWER CO	OMPANY	Date 0	<u>5-06-96</u>			
	P.O. Box	60 Fort Wayne	. IN 46	5801	Sheet	1	of2	·	
2.	Plant D.C.	COOK NUCLEAR	POWER P	PLANT "	Unit _		# 2		
	One Cook Place, Bridgman, MI 49106 R39692-10 2-NRV-163 valve 4" Address Repair Org. P.O. No., Job No., etc								
3.	. Work Performed by <u>Maintenance Department</u> Type Code Symbol Stamp <u>N/A</u> Name Authorization No. <u>N/A</u> Same as #2 Expiration Date <u>N/A</u>								
	Address								
5.	4. Identification of System Reactor Coolant system 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components								
	Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Répaired Replaced or .Replace- ment	ASME Code Stamped (Yes or No)	
2	-NRV-163 -								
1 -	onnet xtension				ASP# 16066	n/a	replace machined	йо	
			<u> </u>						
<u> </u>									
			<u> · </u>		<u> </u>	<u> </u>		<u> </u>	
7.	Description	of Work	(See Rem	arks)					
8.	Test Conduc	ted: Hydrostat	ic	Pneumati	cNom	inal Ope	rating Press	sure	
	N/A	Other PT 1	Pressure _		psi Tes	t Temp.		_°F	
NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.									

	Applicable Manufacturer's Data Reports to be attached	
T.	Engineering memo PLTDM96-002	
	•	
	Ref. JO:R39692-10 File: 2-NRV-163 ISI Class:	11
* **		_
		\$
٠	CERTIFICATE OF COMPLIANCE	
We cer	rtify that the statements made in the report are correct and this	
	ment/machining conforms to the rules of the ASME Code, Section XI.	,
rcparr or	2 repracement	
Type Code	e Symbol Stamp <u>N/A</u>	
Certifica	ate of Authorization No. N/A Expiration Date N/A	•
.*		
Signed <u>Fr</u>	rank Pisarsky, Maint Eng. Supervisor Date 5/10 , 1976	
***	Owner or Owner's Designee, Title	
		•
u	CERTIFICATE OF INSERVICE INSPECTION	
	CARTIFICATA OF INSERVICE INSPECTION	
I, the und	dersigned, holding a valid commission issued by the National Board o	f Boile
and Pressu	ure Vessel Inspectors and the State or Province of <u>Michigan</u> and	employe
have inspe	RIGHT MUTUAL INS. CO.* of NORWOOD, MASS. ected the components described in this Owner's Report during the per	
1-30-46	$\frac{6}{6}$ to $\frac{6.6.96}{10.000}$, and state that to the best of my kn	rod rowledde
and belief	f, the Owner has performed examinations and taken corrective measure	
	-1 Forest Court Character and action of the Court of the Cou	s
	in this Owner's Report in accordance with the requirements of the A	s
Code, Sect	in this Owner's Report in accordance with the requirements of the A	s SME
Code, Sect By signi	in this Owner's Report in accordance with the requirements of the A tion XI. ing this certificate neither the Inspector nor his employer makes an	es LSME
Code, Sect By signi warranty,	in this Owner's Report in accordance with the requirements of the A tion XI. ing this certificate neither the Inspector nor his employer makes an expressed or implied, concerning the examinations and corrective me	es LSME LY easures
Code, Sect By signi warranty, described	in this Owner's Report in accordance with the requirements of the A tion XI. ing this certificate neither the Inspector nor his employer makes an expressed or implied, concerning the examinations and corrective me in this Owner's Report. Furthermore, neither the Inspector nor his	es LSME LY easures
Code, Sect By signi warranty, described employer s	in this Owner's Report in accordance with the requirements of the A tion XI. ing this certificate neither the Inspector nor his employer makes an expressed or implied, concerning the examinations and corrective me	es LSME LY easures
Code, Sect By signi warranty, described employer s a loss of	in this Owner's Report in accordance with the requirements of the A tion XI. ing this certificate neither the Inspector nor his employer makes an expressed or implied, concerning the examinations and corrective me in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property da any kind arising from or connected with this inspection.	es LSME LY easures
Code, Sect By signi warranty, described employer s a loss of	in this Owner's Report in accordance with the requirements of the Ation XI. ing this certificate neither the Inspector nor his employer makes an expressed or implied, concerning the examinations and corrective me in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property da any kind arising from or connected with this inspection. **Linear Lange Commissions Melicoss End Net Lange	es LSME LY easures Lmage or
Code, Sect By signi warranty, described employer s a loss of	in this Owner's Report in accordance with the requirements of the Ation XI. ing this certificate neither the Inspector nor his employer makes an expressed or implied, concerning the examinations and corrective me in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property da any kind arising from or connected with this inspection. Lateral	es LSME LY easures Lmage or
Code, Sect By signi warranty, described employer s a loss of	in this Owner's Report in accordance with the requirements of the Ation XI. ing this certificate neither the Inspector nor his employer makes an expressed or implied, concerning the examinations and corrective me in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property da any kind arising from or connected with this inspection. Lateral	es LSME LY easures Lmage or

1.		IANA MICHIGAN me	POWER C	COMPANY	Date _	02-28-9	15	
	P.O. Box	60 Fort Wayn Address	e, IN 4	6801	Sheet	1	of2	
2.		. COOK NUCLEA Name Place, Bridg					2 2-NRV-16	
3.		Address		Re	pair Org. P.O	. No., Jo		
٥.	Same as		Name	.par c	Author		No. N/A	/.s
4.	Identifica	Address	REACTOR	COOLAN	T	-4 \$		
5.	(b) Applica	ble Const. Code ble Edition of S er 1983 Addend	Section XI	<u>1.1</u> 19 Utilize	83Ed., N. d for Repairs	A Add.	N/A acements 19	Code Casé 33,
6.		tion of Componer		ed or Re	placed and Re	placement	Component:	•. 3
<i>p</i>	Name of Component	Name of ' Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
В	-NRV-163 ONNET XTENSION	EXISTING	N/A	n/a	n/A	N/A	MEØAL REMOVAL	ио
	• •		4 =	•		,		
								` .
	Description	n of Work	(See Re	marks)				
8.		cted: Hydrostat	. —	Pneumat	ic Nom	inal Oper	cating Press	sure
•	n/a x	Other	Pressure		psi Tes	t Temp.		_°F
NO'	TE: Supplem	ental sheets in	form of 1	ista sk	etches or dr	awinga ma	y he uged	provided

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

9.	Remarks	Applicable Manufacturer's Data Reports to be attached
	-	• ,
	÷	VALVE BONNET AND BODY TO FACILITATE INSTALLATION OF ENCLOSURE
•••	-	Ref. JO: C28573-3 File: 2-NRV-163 ISI: 1
•	w n [©] *-	
	- po 3 ca	\$ 1.4
.	÷ ÷p≢	CERTIFICATE OF COMPLIANCE
	MEDAL REM	cify that the statements made in the report are correct and this MOVAL conforms to the rules of the ASME Code, Section XI. replacement
	Type Code	Symbol Stamp N/A
İ	-Certifiqat	e of Authorization No. N/A Expiration Date N/A
	·Signed Fra	whk Pisarsky, Maint.Eng.Supervisor Date 45 , 1995 Owner or Owner's Designee, Title
L		- 14
	→ 1 → 1 → 1 → 1 → 1 → 1 → 1 → 1	
,	'# <u>4</u>	CERTIFICATE OF INSERVICE INSPECTION
	I, the unde and Pressur by <u>ARKWRI</u> have inspec	ersigned, holding a valid commission issued by the National Board of Boiler to Vessel Inspectors and the State or Province of Michigan and employed GHT MUTUAL INS. CO.* of NORWOOD, MASS.
	and belief,	to <u>4/s/es</u> , and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME on XI.
	By signin warranty, e described i employer sh	expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his call be liable in any manner for any personal injury or property damage or many kind arising from or connected with this inspection.
.	<u> </u>	Commissions Mekooss, End NET vis Signature National Board, State, Province, Endorsements
1	Inspecto	or's Signature National Board, State, Province, Endorsements
	Date <u>Apri</u>	/ 5 19 95 *FACTORY MUTUAL ENGINEERING ASSOCIATION
		·•

P.O. Box 60 Fort Wayne. IN 46801 Sheet 1 of 2 Address 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2 Name One Cook Place, Bridgman, MI 49106 R43442-3, 2-FW-118-1, valve Address Repair Org. P.O. No., Job No., etc 3. Work Performed by Maintenance Department Name Authorization No. N/A Same as #2 Address 4. Identification of System Feedwater System 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Manuf. Nat. Other Year Replaced Code Code Component Manufacturer No. No. Identi-Built Replace (Yes Component Manufacturer No. No. Identi-Built Replace No. ASP#18093 No. 2-11970 ASP#18093 7. Description of Work (See Remarks) 8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure	1.	Owner <u>INDI</u>	ANA MICHIGAN Name	POWER' CO	OMPANY	Date_0	5 <u>-</u> 28-96		
One Cook Place, Bridgman, MI 49106 Address Repair Org. P.O. No., Job No., etc Repair Org. P.O. No., Job No., etc Repair Org. P.O. No., Job No., etc Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A Address Address Address Feedwater system 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983. Summer 1983 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Manuf. Nat. Other Replaced Replaced Code Component Manufacturer No. No. No. Identification Preserved ASME Replaced Code Replaced Code Replaced Code Replaced Code Code Stamped Year Replaced (Yes Or No.) ASP#18093 7. Description of Work (See Remarks)		P.O. Box		. IN 46	580 1	Sheet	1	of2	
Address Repair Org. P.O. No., Job No., etc 3. Work Performed by Maintenance Department Name Name	2.	Plant D.C.		POWER 1	PLANT	Unit _		# 2	
Name Authorization No. N/A Address 4. Identification of System Feedwater system 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983. Summer 1983 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Manuf. Nat. Other cor Stamped Code Code Code Component Manufacturer No. No. Identi-Built Replaced (Yes or No) 2-FW-118-1 Nuts 1-3/4" SA-194 gr 2H Manuf. Nat. Nat. Nat. Nat. Nat. Nat. Nat. Nat		One Cook		an, MI 4	19106				
Feedwater system 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983. Summer 1983 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Manuf. Nat. Other Replaced Replaced Code Stamped (Yes Component Manufacturer No. No. Identi-Built ment or No.) 2-FW-118-1 Nuts 1-3/4" SA-194 gr 2H MaE#: n/a replace NO ASP#18093 7. Description of Work (See Remarks)			Nar 2	_	partment	Authoriz	ation No	. <u>N/A</u>	
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983. Summer 1983 Addenda 6. Identification of Components Repaired or Replaced and Replacement Components Manuf. Nat. Other Replaced Code Core Stamped Component Manufacturer No. No. Identi-Built Ment or No. 2-FW-118-1 Nuts 1-3/4" SA-194 gr 2H Mase#: 30-211970 ASP#18093 7. Description of Work (See Remarks)	4.	Identificat			Fee	edwater svs	tem		
Manuf. Serial No. Nat. Other Year Replaced Code Stamped (Yes ment or No) 2-FW-118-1 Nuts 1-3/4" SA-194 gr 2H Manuf. Serial Board No. Identification M&E#: 30-211970 ASP#18093 7. Description of Work (See Remarks)		(b) Applicab Summer	ole Edition of Se r 1983 Addenda	ection XI a	Utilized	for Repairs	or Repla	acements 19 <u>8</u>	
Nuts 1-3/4" SA-194 gr 2H				Serial	Board '	Identi-		Replaced For Replace-	Code Stamped (Yes
30-211970 ASP#18093 7. Description of Work (See Remarks)	2-	FW-118-1	•			٧			
	Nu	ts 1-3/4 ⁿ	SA-194 gr 2H			30-211970	n/a	replace	NO
	-								-
			,						
8. Test Conducted: Hydrostatic Phedmatic Nominal Operating Pressure		-				a Van	inal One	unking Progr	
N/A Other Pressurepsi Test Temp°F	٥.		_				_	-	
NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is	(1)	E: Suppleme size is 8-1	ental sheets in in./ 2 in. x 11 in./	form of li , (2) info	ists, ske	tches, or dr in items 1 t	awings m hrough 6	ay be used, on this rep	provided

· ·	Applicable Man	ufacturer's D	ata Reports to be a	ttached		
						
	_Ref. JO:R43442	2-3 File:	2-FW-118-1	ISI Class:	2	
4			• •			
		CERTIFICATE (OF COMPLIANCE		·	
<u>replaceme</u>	ntconfor		the report are cor es of the ASME Code			
_	replacement Symbol StampN		•			
Signed Fra	e of Authorization No. 10 10 10 10 10 10 10 10 10 10 10 10 10			Date <u>N/A</u> , 1996	`	
· · · · · · · · · · · · · · · · · · ·	CERT:	IFICATE OF IN	SERVICE INSPECTION			
and Pressur by ARKWRI have inspect 1/22-94 and belief,	THE VESSEL Inspector GHT MUTUAL INS. CO Sted the components to 6-11- the Owner has per	rs and the Sta D.* Constitution of the State of the Stat	ssion issued by the te or Province of _ ofNORWOOD, MAS this Owner's Repor and state that to t eations and taken co lance with the requi	Michigan and emp S. t during the period he best of my knowl rrective measures	oloye l .edge	
Code, Secti By signin warranty, e	on XI. Ig this certificate expressed or implie on this Owner's Rep	e neither the ed, concerning port. Further	Inspector nor his e the examinations a more, neither the I any personal injur	mployer makes any nd corrective measu nspector nor his	ıres	
employer sh		rom or connect	ed with this inspec			
employer sha loss of a	any kind arising fr	_Commissions	Mouh osss, ENDNET	tion.		
employer sha loss of a	my kind arising fr	_Commissions	_	tion.	ement	

P.O. Box	Name 60 Fort Wayne Address	, IN 46	5801	Sheet _	1	of2	•
. Plant <u>D.C</u>	. COOK NUCLEAR Name	POWER	PLANT	Unit		# 2	· · · · · ·
One Cook	Place, Bridgm Address	an, MI 4	9106			18-3 D. No., Job	No., et
	rmed by <u>Mainten</u> Nam 2	ne		Type Cod Authoriza Expiratio	tion No.	Stamp <u>N/</u> <u>N/A</u> N/A	
. `Identifica	Address tion of System _	Feedw	ater sy	rstem			,
(b) Applica Summe	ble Const. Code Able Edition of Secretary 1983 Addendation of Component	ection XI	Utilized	for Repairs	or Repla	acements 193	
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year ~ Built	Repaired Replaced or Replace- ment	ASME Code Stampe (Yes or No)
2-FW-118-3	,			,	48		
Helicoil	P/N 4190-28CN	,		P.O.# 66206-040- 6x Ded.Plan HP-0055	n/a	install	NO
	SA-193 gr B7			M&e#: 30-029939 ASP#17483	n/a	replace	ио
Stud 1-3/4"	l .			M&E#: 30-211970	n/a	replace	ио
Stud 1-3/4" Nut 1-3/4"	SA-194 gr 2H			ASP18093			
	SA-194 gr 2H			ASP18093			<u> </u>
Nut 1-3/4"	SA-194 gr 2H	(See Rem	arks)				
Jut 1-3/4" Description					nal Oper	rating Pres	sure

	Applicable Manufacturer's Data Reports to be attached
	Instllation of a helicoil(per Component Evaluation CE-90-0134)
	Ref. JO:R43443-3 File: 2-FW-118-3 ISI Class: 2
	en men som men som en som en som en som en som en som en som en som en som en som en som en som en som en som e Notae som en som en som en som en som en som en som en som en som en som en som en som en som en som en som en
- 4	. CERTIFICATE OF COMPLIANCE
replacement repair or r	ty that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI. replacement
Y	of Authorization No. N/A Expiration Date N/A k Pisarsky, Maint Eng Supervisor Date 5/30 1996
	mer or Owner's Designee, Title
•	CERTIFICATE OF INSERVICE INSPECTION
and Pressure by ARKWRIG have inspect "/2/" and belief, described in Code, Section By signing warranty, ex described in employer sha a loss of an	resigned, holding a valid commission issued by the National Board of Boiler vessel Inspectors and the State or Province ofMichigan and employed with MUTUAL INS. CO.* of NORWOOD, MASS. The components described in this Owner's Report during the period to, and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures this Owner's Report in accordance with the requirements of the ASME on XI. This certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures this Owner's Report. Furthermore, neither the Inspector nor his all be liable in any manner for any personal injury or property damage or by kind arising from or connected with this inspection. **Commissions** Mishaul Board, State, Province, Endorsements**
Date Augu	*FACTORY MUTUAL SYSTEM

. Owner INDI	ANA MICHIGAN' Name	POWER CO	OMPANY	Date_0	- 5-29-96	5	
P.O. Box	60 Fort Wayne Address	IN 46	5 ⁸ 801	Sheet .	1	of <u>2</u>	
2. Plant D.C.	COOK NUCLEAR	POWER I	PLANT	Unit _		# 2	
One Cook	Place, Bridgm Address	an, MI 4	19106			-126, 1/2" O. No., Job	
	med by <u>Mainten</u> Nar	ne ·		Authoriz	ation No	L Stamp <u>N/</u> . <u>N/A</u> N/A	
4. Identificat	Address ion of System _	Feedv	ater to	chemical	feed to	o steam ge	nerators
(b) Applicab	le Const. Code le Edition of Ser 1983 Addendation of Component	ection XI	Utilized	for Repairs	or Repl	acements 19	83,
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-CF-126	Conval inbody seat SA-479-XM with Nitronic 50:hardfacing			existing ·	n/a (repaired	NO
_	of Work			c Nom:	inal Ope	rating Press	sure
n/a <u>√</u>	Other	Pressi	re	psi	Test Te	emp.	°F
(1) size is 8-1	ntal sheets in f /2 in. x 11 in., h sheet, and (3)	(2) info	rmation	in items 1 th	hrough 6	on this rep	ort is

recorded at the top of this form.

	ed Conval seat cu	tter		
		•		`
	Ref. JO:R47713-2	File:	2-CF-126	ISI Class: 2
,			37 ·	•
	CERI	rificate o	F COMPLIANCE	
repaired	ctify that the statement conforms to replacement			
_	e Symbol StampN/A		·	
	ate of Authorization No.			Date N/A
	Owner or Owner's Design			19/6
*	CERTIFICA	ATE OF INS	ERVICE INSPECTION	•
and Pressu		d the Sta	te or Province of	National Board of Boile <u>Michigan</u> and employed ASS.
have insperent of the i	to <u>6-10-96</u> to has perform	cribed in	this Owner's Repo and state that to ations and taken o	ort during the period the best of my knowledge corrective measures
	in this Owner's Report	in accord	ance with the requ	irements of the ASME
warranty, described employer	in this Owner's Report.	oncerning: Further anner for	the examinations more, neither the any personal inju	and corrective measures Inspector nor his ary or property damage or
212 2	Commission Commission Signature	nissions	Michops Englist	デエ ce, Province, Endorsement
Thenect		i/a	unusua buaka, blat	e, trostice, purchaement
Inspect	ior s signature		*FACTORY MUTUAL	

Owner	INDI	ANA MICHIGAN Name	POWER CO	MPANY	Date0)5-16-96	5	
P.O.	Box	60 Fort Wayne Address	, IN 46	801	Sheet	1	of2	
2. Plant	D.C.	COOK NUCLEAR	POWER I	PLANT	Unit	·	# 2	
<u>One</u>	Cook	Place, Bridgm Address	an, MI 4	9106			2A-2, safe O. No., Job	
3. Work Same		med by <u>Mainten</u> Nam Address	ne		Authoriz	ation No	Stamp <u>N/</u> . <u>N/A</u> N/A	
4. Ident	ificat	ion of System			Main St	:eam	······································	
(b) Ap	plicab	le Const. Code Z le Edition of Se	ection XI	Utilized	l for Repairs			
	a	1983 Addenda	H-	ed or Rep	*	placemen	t Component	s
Name of Compone		Name of Manufacturer	Manur.	Nat. Board . No.	Other Identi-	Year Built	Repaired Replaced or Replace- ment	.ASME Code _Stamped (Yes or No)
2-SV-2A-	2	•	•					
Disc		ASTM A-565-92 ⁴ grade 616			M&E#: 30-037728 ASP#16182	n/a	replace	NO .
		· · · · · · · · · · · · · · · · · · ·						
7. Descr	iption	of Work	(See Rem	arksj	<u> </u>			
8. Test	Conduc	ted: Hydrostati	ic	Pneumati	ic Nom	inal Ope	rating Pres	sure
и	/A <u>√</u>	Other	Pressi	ire	psi	Test Te	emp.	°F
(1) size	is 8-1	ntal sheets in f /2 in. x 11 in., h sheet, and (3)	(2) info	rmation	in items 1 t	hrough 6	on this re	port is

recorded at the top of this form.

			Which is necessar Data Reports to be a		
*	valve is dis	assembled		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	Ref. JO:R52	849-1 File:	2-SV-2A-2	ISI Class:	. 2
	,				
		CERTIFICATE	OF COMPLIANCE		
<u>replace</u>	rtify that the st ment con r replacement	atements made i forms to the ru	n the report are cor les of the ASME Code	rect and this . e, Section XI.	
- h	e Symbol Stamp				<u>.</u>
Signed F	rank Pisarsky, Ma	int Eng. Supervi	Expiration Sor Date -5/27	. 19 96	
d-20000 g 1 3	Owner or Owner's	Designee, Titl	.e	حر بن به به همه	
•	CE	RTIFICATE OF I	NSERVICE INSPECTION		
and Press	dersigned, holdin ure Vessel Inspec	g a valid commi tors and the St	ssion issued by the ate or Province ofNORWOOD, MAS	Michigan and em	Boiler ployed
and belief	f, the Owner has	,,-96 performed exami	n this Owner's Report and state that to to nations and taken conducted dance with the requi	the best of my know errective measures	ledge
warranty, described employer :	ing this certific expressed or imp in this Owner's shall be liable i	lied, concernin Report. Furthe n any manner fo	a Inspector nor his e ag the examinations a ermore, neither the I er any personal injur eted with this inspec	nd corrective meas inspector nor his y or property dama	
<u>JAM J</u> Inspect	The trajung		Mich ooss, Engl		
Inspect	tor's Signature ·	N	Vational Board, State *FACTORY MUTUAL		ements
Date July	y <i>i</i> 7 1	9_96	FACIORI MUIUAL	3131EM	

.b	.O. Box	60 Fort Wayne Address	. IN 46	801	Sheet .	1	of2	
2. P	lant <u>D.C.</u>	COOK NUCLEAR	POWER	PLANT	Unit		# 2	
Q	ne Cook	Place Bridgm Address	an. MI 4	<u>19106</u> 			B-2 safet No., Job 1	
	ork Perfor	med by <u>Mainten</u> Nam 2		oartment	-	ation No.	Stamp <u>N/</u> <u>N/A</u>	
		Address ion of System M	ain stea	ım gener	Ab s		,	
(b)	Applicab Summer	le Const. Code A le Edition of Se r 1983 Addenda	ection XI	Utilized	for Repairs	or Repla	acements 19	83,: ': •
Sale N 1 T	n _ 1 + 44	्र क्षत् । क्षत्र-नेक्च्यालक सम्बद्धाः कः १ । त्रास्त्रक		ar no in Analis.	Er pak pik ¶petrek, 36 iakel k	e- paramen	Repaired Replaced	ASME
	me of ponent	Name of Manufacturer	Manuf. Serial No.	Nat. Board ' No.	Other	Year Built	or Replace- ment	_Stamped (Yes or No)
	-	- 1 E	, :	b	fication	e.	Ł	:-
2-SV	-2B-2	4	,		5 (M) = -		v *	
Disc					M&E#: 30-037815 ASP#12367	n/a 	replace	NO .
,								
		•						
					W.			<u> </u>
. De	escription	of Work	(See Rem	arks)		*		_
	est Conduc	ted: Hydrostati	Lc	Pneumati	CNom	inal Oper	ating Press	sure
. Te							mp	

	- Applicable Ma	nufacturer's Da	ary upon disasse ata Reports to be at	tached
	type of safety	valve.		
	• •	•		
			· · · · · · · · · · · · · · · · · · ·	
h.	Ref. JO:R5285	0-1 File:	2-SV-2B-2	ISI Class: 2
	•			
			- 4	
		CERTIFICATE O	F COMPLIANCE	
<u>replaceme</u>	ify that the state to the state of the state	ements made in orms to the rule	the report are corr es of the ASME Code,	ect and this Section XI.
Type Code :	Symbol Stamp	N/A	-16 ♥ *	
			Expiration D	
A Signad Engl	TW-Chom 4	ارمان معرف علي المعرف المعرف المعرفة المعرفة المعرفة المعرفة المعرفة المعرفة المعرفة المعرفة المعرفة المعرفة المعرفة	or Date S30	
Signed Fran	<u>ik Pisarsky, Main</u>	c.Eng.Superviso	or Date	, 19 <u>46</u>
	mer or Owner's D	esignee, Title		
	<u> </u>			
			_	
Y	CER	rificate of ins	BRVICE INSPECTION	•
I, the under	signed, holding	a valid commiss	sion issued by the N	ational Board of Boile
and Pressure	e-Vessel Inspecto	ers and the Stat	ce or Province of	Michigan and employe
byARKWRIG	HT MUTUAL INS. C	<u>'0.*</u> o	NORWOOD, MASS	
nave inspect	ed the component	s described in	this Owner's Report	during the period
and helief	the Owner has no	yformod overday	and state that to th ations and taken cor	e best of my knowledge
described in	thic Owner has pe	riormed examina	ance with the requir	rective measures
Code, Section		port in accorda	mice with the requir	ements of the ASME
		e neither the	Inspector nor his em	nlover makes and
warranty. ex	pressed or impli	ed, concerning	the examinations and	d corrective measures
described in	this Owner's Re	port. Furthern	more, neither the In	spector nor his
employer sha	all be liable in	any manner for	any personal injury	or property damage of
a loss of ar	y kind arising f	rom or connecte	ed with this inspect	ion.
	1- 1	•		
	(ulerspaugl	_Commissions	tich 0055, END NET.	· · · · · · · · · · · · · · · · · · ·
Inspector	's Signature	Nat	cional Board, State,	Province, Endorsement
D - 4: -			*FACTORY MUTUAL S	YSTEM
Date	19_			

	P.O. Box	60 Fort Wayne	. IN 46	801	Sheet	<u>· 1</u> (of2	<i>,</i>
2.	Plant D.C.	COOK NUCLEAR	POWER E	PLANT	Unit _		#_2	
	One Cook	Place, Bridgm Address	an, MI 4	9106			-2, safet No., Job 1	•
3.	Work Perfor	-	ance Der	partment	Authoriz	ation No.	Stamp <u>N/</u> _N/A N/A	
	(a) Applicab (b) Applicab Summer	ion of System	ANSI B31 ection XI a	<u>.1</u> 19 <u>8</u> Utilized	33Ed., N/	AAdd.	cements 19	
•	Name of Component	Name of Manufacturer	Manuf. Serial	Nat. Board No.	Other Identi-	Year´ Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2.	-sv-3-2			·	fication			
d:	isc				M&E#: 30-037728 ASP#16182	n/a	replace	NO
7.	_	of Work		.*	cNom	inal Oper	cating Pres	sure
8.					•		mp	

	disassembly.
	ATSASSEIINTY.
`	Ref. JO:R52851-1 File: 2-SV-3-2 ISI Class: 2
•	
	· .
•	CERTIFICATE OF COMPLIANCE
<u>·replacem</u> repair or	tify that the statements made in the report are correct and this nent conforms to the rules of the ASME Code, Section XI. replacement
Certifica Signed Fr	te of Authorization No. N/A Expiration Date N/A ank Pisarsky, Maint Eng Supervisor Date 5/21 , 1996 Owner or Owner's Designee, Title
** .	
ę	
	CERTIFICATE OF INSERVICE INSPECTION
nd Pressu y ARKWR ave inspe ''-'7-74 nd belief escribed	lersigned, holding a valid commission issued by the National Board of Boild are Vessel Inspectors and the State or Province of <u>Michigan</u> and employed the Components described in this Owner's Report during the period to <u>6-17-926</u> , and state that to the best of my knowledged, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME
nd Pressur ARKWR ave insperient i	re Vessel Inspectors and the State or Province of <u>Michigan</u> and employed IGHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS. Sected the components described in this Owner's Report during the period to <u>6-17-72%</u> , and state that to the best of my knowledged, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME
nd Pressur ARKWR ave insperient i	re Vessel Inspectors and the State or Province of Michigan and employed IGHT MUTUAL INS. CO.* of NORWOOD, MASS. cted the components described in this Owner's Report during the period to 6-17-726, and state that to the best of my knowledged, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. Ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his chall be liable in any manner for any personal injury or property damage of
nd Pressury ARKWR ave insperience of the control of	re Vessel Inspectors and the State or Province of Michigan and employed IGHT MUTUAL INS. CO.* of NORWOOD. MASS. Sected the components described in this Owner's Report during the period to 6-17-926, and state that to the best of my knowledged, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME ion XI. Ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage of any kind arising from or connected with this inspection.

							
1. Owner IND	IANA MICHIGAN Name	POWER CO	YVASMC	Date	05 - 16-	-96	
P.O. Box	60 Fort Wayne	e. IN 4	5801	Sheet	_1_	of2	·
Plant D.C	. COOK NUCLEAR Name	R POWER	PLANT	Unit _		#_2	· · · · · · · · · · · · · · · · · · ·
One Cook	Place, Bridgm	nan, MI	19106			<u>-18-3, saf</u> O. No., Job	
	rmed by <u>Mainter</u> Na 2	me		Authoriz	ation No	1 Stamp <u>N/</u> . <u>N/A</u> N/A	
. Identificat	Address tion of System _	Main_S	Steam s	/stem			
(b) Applical	ole Const. Code	ection XI	.1_19 _{ Utilized	83Ed., N/	AAdd	. <u>N/A</u> acements 198	Code Case
₩ 1	r 1983 Addend		ed or Rep	laced and Re	placemen	t Components	* * *
Name of	Name of	Manuf. Serial	Nat. Board	Other	Year	Repaired Replaced or Replace-	ASME Code Stamped (Yes
Component	Manufacturer	No.	No.	Identi- fication	Built	ment	or No)
2-SV-1B-3			,				
Disc	ASTM A-565-97 grade 616			M&E#: 30-037728 ASP#16182	n/a	replace	ио
		;					'
. Description	of Work	(See Rem	arks)		<u>. </u>		l
. Test Conduc	ted: Hydrostat:	Lc	Pneumati	c Nom	inal Ope	rating Press	ure
	Other						
OTE: Suppleme	ental sheets in a 1/2 in. x 11 in., th sheet, and (3)	form of li	sts, ske	tches, or dr in items 1 t	awings m hrough 6	ay be used, on this re	provided ort is

recorded at the top of this form.

			ata Reports to be a	r for the valve ttached
	<u>is disassembl</u>	Led.		
		* ×		
-	Ref. JO:R5285	52-1 File:	2-SV-1B-3	ISI Class: 2
, s a				
	•	CERTIFICATE (OF COMPLIANCE	
<u>replacem</u>	tify that the statement confo	cements made in orms to the rul	the report are con es of the ASME Code	rrect and this e, Section XI.
	Symbol Stamp	N/A .		
Signed Fr	te of Authorization	nt.Eng.Supervis		Date <u>N/A</u>
and the second s			•	
9	. CER:	TIFICATE OF IN	SERVICE INSPECTION	
and Pressu by <u>ARKWR</u>	re Vessel Inspecto IGHT MUTUAL INS. C	ors and the Sta	te or Province of	National Board of Boile Michigan and employe
and belief	to 7-17, the Owner has pe in this Owner's Re	erformed examin	and state that to tations and taken co	tt during the period the best of my knowledge prrective measures trements of the ASME
By signi warranty, described employer s	ng this certificat expressed or impli in this Owner's Re hall be liable in	led, concerning eport. Further any manner for	more, neither the I	und corrective measures Inspector nor his Ty or property damage or
MAN	utersprugt	Commissions	MICHOUSS, ENDNE	-
Inspect	or's Signature	Na	itional Board, Státe	, Province, Endorsement
			*FACTORY MUTUAL	

						/-		
)	1. Owner AMERICAN ELECTRIC POWER Name				Date _	05/0)4/96	
	P.O. Box	60 Fort Wayne	e, IN 4	6801	Sheet	1	of2	
	2 Plant D.C.							
	2. Plant D.C.	Name	C POWER	PLANT	Unit _		22	
	One Cook	One Cook Place, Bridgman, MI 49106 R53629-02 R/R1531 Address Repair Org. P.O. No., Job No., etc						
	3. Work Perfor	med by <u>Install</u>		<u>ervices</u>			ol Stamp N	
	Same as		Name				No. <u>N/A</u> e <u>N/A</u>	
	<u>.</u>	Address	٥		1 8			
	4. Identificat	ion of System _	CHEMICAI	r & AOFI	UME CONTROL	ASN	ME CODE CI	ASS 1
	(b) Applicab	ole Const. Code . ole Edition of S	ection XI					
		r 1983 Addend						
	6. Identificat	ion of Componen	ts Repaire	ed or Rep	placed and Re	placement	t Component	s
)	Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi- fication	Year 34 Built	Replaced	ASME Code Stamped (Yes or No)
	2-CS-445-1 2" SCH 160 SS PIPE	CONSOLIDATED POWER SUPPLY	ASP# 18542	N/A	SA376 TP304	n/a ·	REPLACE- MENT	ио
	2-CS-445-1 2" 1500# SS SW CHECK VALVE	CONVAL INC.	ASP# 18264	N/A	SA182 F316 Y200C58	n/A	REPLACE- MENT	NO
							-	
•	7. Description	of Work <u>REMO</u>	VE AND R	EPLACE	EXISTING C	HECK VA	LVE 2-CS-	445-1
1	B. Test Conduc	ted: Hydrostati	.c ·	Pneumati	c Nomi	inal Oper	ating Press	sure X
	N/A	Other	ressure _	N/A	psi Tes	t Temp	N/A	_°F
i	NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							

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9. Remarks <u> </u>	Applicable Manufacturer's Data Reports to be attached
	Ref. JO: R53629-02 DESIGN CHANGE: MM404 REPAIR/REPLACEMENT TRAVELLER: RR95-1531 ISI CLASS: 3
	REMIR/REPUNCETION TRAVELLER; RR35-1331 101 CHAGO: 3
We cert	CERTIFICATE OF COMPLIANCE ify that the statements made in the report are correct and this
<u>REPLACEME</u> repair or	NT conforms to the rules of the ASME Code, Section XI. replacement Symbol Stamp N/A
Signed W	e of Authorization No. N/A Expiration Date N/A avne Cretsinger, Senior Planner Date N/A 30 , 1996 wher or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
and Pressur by ARKWRI have inspec and belief, described in Code, Section By signing warranty, endescribed in employer sho	rsigned, holding a valid commission issued by the National Board of Boiler e Vessel Inspectors and the State or Province of MICHIGAN and employed GHT MUTUAL INS. CO. of WALTHAM, MASS. ted the components described in this Owner's Report during the period to 2-7-92, and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures of this Owner's Report in accordance with the requirements of the ASME
Date <u>Juna</u>	フ19 ~ ~

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