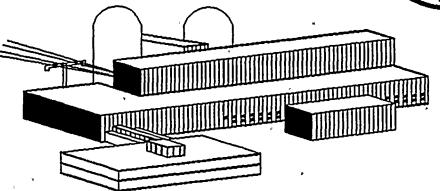


INDIANA MICHIGAN POWER





DONALD C. COOK NUCLEAR PLANT

UNIT 2

REPORT OF INSERVICE INSPECTIONS FROM MARCH 17, 1989 THROUGH NOVEMBER 9, 1990

9102130102 890317 PDR ADOCK 05000316 Q PDR 11 大公本 XX

REPORT OF INSERVICE INSPECTIONS FROM MARCH 18, 1989 TO NOVEMBER 9,1990

TABLE OF CONTENTS

Section 1	Introduction
Section 2	NIS-1 Inservice Inspection Summary Report
Section 3	Examination of Class 1 and Class 2 Systems and Components
Section 4	Steam Generator Eddy Current Examinations
Section 5	System Pressure Tests
Section 6	NIS-2 Repair and Replacement Reports

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INTRODUCTION

This report summarizes the inservice inspection activities performed at the Cook Nuclear Plant, Unit 2 for the period of March 18, 1989 through November 9, 1990. 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 an inservice inspection summary report at the completion of each refueling outage. Examinations and tests conducted since the preceding summary report (March 17, 1989) 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 informational 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.

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THIS DOCUMENT CONSISTS OF 256 PAGES

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

1.	Owner	India	ina	Michi	gan	Power	Co.,	One	Summi	t Squar	e, Ft.	Wayne	, IN	46802
1. Owner Indiana Michigan Power Co., One Summit Square, Ft. Wayne, IN 46802 (Name and Address of Owner)														
2.	Plant I	onald	C.	Cook	Nucl	ear P	lant,	One	Cook	Place,	Bridge	an, MI	491	06
	Plant Donald C. Cook Nuclear Plant, One Cook Place, Bridgman, MI 49106 (Name and Address of Plant)													
3.	Plant U	nit	Two)		_4. Ow	ner Cer	tificat	e of Au	horization	(if requ	ired)	N/A	
										ber for Un				232-M)
	_	_												

7. Components I	nspected
-----------------	----------

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 Gener- ator #1	Westinghouse	MMGL 11444	M-324234-M	37
Steam Gener- ator #2	Westinghouse	MMGL_11445	M-324235-M	38
Steam Gener- ator #3	Westinghouse .	MMGL 11446	M-324236-M	39
Steam Gener- ator #4	Westinghouse	MMGL 11447	M-324237-M	40
Pressurizer	Westinghouse	1231	M-324233-M	68 94
#1 RC Pump	Westinghouse	524-618J800 -G01-9	-	_
#2 RC Pump	Westinghouse	525-618J800 -G01-9	_	_
#3 RC Pump	Westinghouse	526-618J800 -G01-9	-	-
#4 RC Pump	Westinghouse	527-618J800 -G01-9		-
Volume Control Tank	Joseph Oats & Sons, Inc.	1787-3B	-	-
East CTS Heat Exchanger	Yuba	69-G-226-1B	-	-
East RHR Heat Exchanger	Engineers and Fabricators, Inc.	S-15586-C		-
West RHR Heat Exchanger`	Engineers and Fabricators, Inc.	S-15586-D	_	-

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this data 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-1 (back)

8: Examination Dates 06-29-90 to 11-09-90 9. Inspection Interval from 07-01-86 to 07-01-96
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.
Date February 1 19 91 Signed 1&M Power Co. By Ca free Co. A. Freer
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/or the State or Province of Michigan and employed by Ackwright Moval Two, Co. of Norwool, Mass. have inspected the components described in this Owners' Data Report during the period co/29/90 to 11/09/90, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data 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 Owners' Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of a loss of any kind arising from or connected with this inspection.
Date February 7 19 9/
Michigan 555, Endowsments NES Inspector's Signature Commissions Michigan 555, Endowsments NES National Board, State, Province and No.

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EXAMINATION OF CLASS 1 AND CLASS 2 COMPONENTS

Inservice examinations were performed during the 1990 Unit 2 Refueling Outage during the period of June 29, 1990 through November 9, 1990. 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 Interval Long-Term Inservice Examination and Testing Plan for Class 1, 2 and 3 Systems and Components for Donald C. Cook Nuclear Plant, Unit 1. This is the currently approved ISI examination plan, which identifies specific activities to be performed on a refueling outage basis.

Nondestructive examinations were performed by Southwest Research Institute (SWRI), MQS and Indiana Michigan Power (IMP) personnel in accordance with procedures which were approved for use at the Cook Nuclear Plant. SWRI performed the required volumetric ultrasonic examinations and liquid penetrant examination if a component required a surface examination in addition to the volumetric. MQS and IMP personnel performed all other surface and visual examinations.

Surface indications were noted by liquid penetrant examination on two ASME Code Class 2 pipe welds (CTS, RHR). The indications exceeded the allowable standards of IWB-3514-2. The welds were repaired by buffing and twenty-nine (29) additional welds were examined with acceptable results.

Indications were noted by magnetic particle testing on three (3) reactor vessel stud nuts. A tool mark provided an indication on RPV Nut #23 that was removed by surface conditioning. Linear indications were noted on RPV Nuts #8 AND #25. The indications were acceptable in accordance with paragraph N-325.2 of the 1968 Edition of Section III. The construction code acceptance criteria was used per IWA-3100(b) since the Section XI acceptance criteria was noted as being "in course of preparation".

A supplemental ultrasonic examination was performed on a code allowable indication that was found in 2-N2-I Reactor Vessel Inlet Nozzle to Shell Weld during the Reactor Vessel Ten-Year Mechanized Examination in 1988. The original investigation revealed that it was an inclusion from construction that was located in the outer region of the vessel wall. The examination verified that there was no growth and the indication was still code acceptable.

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

IMP personnel performed VT-3 and VT-4 visual examinations on ISI component supports. Design sketch nonconformances and other discrepancies found were evaluated by AEPSC Structural and Analytical Design Section. All discrepant supports were evaluated to be functional and associated systems met operability limits but some were repaired to be in accordance with the original design intent. No service induced discrepancies were noted during the inspections.

The summary pages in this section lists the examinations and tests performed.

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COOK NUCLEAR PLANT UNIT 2

PAGE:

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1	COMPONENTS
---------	------------

			, CL	ASS 1 COMPONENTS				
SUHHARY	PRESSURE VESSEL AND CLOSURE HE EXAMINATION AREA IDENTIFICATION	ASHE SEC. XI CATGY ITEH NO	EXAM METHOD	PROCEDURE	R E	G E O H	H	REMARKS **CALIBRATION BLOCK**
	CLOSURE HEAD HERIDIONAL WELDS		<u>2)</u>					•
001200	2-CHM-O1 · HERIDIONAL WELD AT 26 DEG.	В-А. В1.22	UTOL UTOW UT45 UT45T UT60 UT60T	DCC-UT150/0/0/0	X X X		-	SWRI - LIMITED EXAM DUE TO CRD SHROUD. **RV-2**
	CLOSURE HEAD TO FLANGE WELD (FIG NO A-2	<u>n</u>					•
001900	2-CHC-01 ' HEAD TO FLANGE	B-A B1.40	MT UTOL UTOW UT45 UT45T UT60 UT60T	DCC-HT1/0/0/0 DCC-UT150/0/0/0	X X X X	-	-	SWRI - 66% (355°) OF WELD LENGTH EXAMINED. LIMITED EXAMINATION DUE TO FLANGE CONFIGURATION AND HEAD LIFTING LUGS. **RV-2**
	NOZZLE TO SHELL AND SHELL TO I	, NOZZLE WEL	_DS (FIG NO	. A-1)				
002200	2-N2-I INLET NOZZLE TO SHELL AT 247 DEG.	B-D B3.90	UT45	SWRI-UT2/0/1/1	-		x	SWRI - SUPPLEMENTAL EXAMINATION CONFIRMED 1988 RFO RESULTS. NO CHANGE IN SIZE AND STILL A CODE ALLOWABLE INCLUSION. **CSCL-5-DCC/CSCL-7-DCC**
	CLOSURE'STUDS							
004500	2-RPV-STUD 1 THROUGH 54	B-G-1 B6.30	нт UT60 UT88	DCC-HT2/0/0/0 DCC-UT17/0/0/0 DCC-UT18/0/0/0	X	-	. -	SWRI - EXAMINED 36 STUDS (66%). **7750-8-CS-10-DCC**
	CLOSURE NUTS							•
04600	2-RPV-NUT 1 THROUGH 54	B-G-1 B6.10	нт	DCC-HT2/0/0/0 ,	-	-	x	SWRI - EXAMINED 66% (36) NUTS. CNF NO. 1,2,3; CODE ALLOWABLE INDICATIONS FOUND ON THO NUTS.

DATE: 01/16/91 EVISION: 0

COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

REACTOR	PRESSURE	VESSEL	AND	CLOSURE	HEAD

					N		0	,
		ASHE			0	G	T	· .•
		SEC. XI			R	E	H	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEH NO	METHOD	PROCEDURE	C	H	R	**CALIBRATION BLOCK**
					-	.,	-	1
				•				
	VESSEL FLANGE THREADS							•
								•
004700	2-RPV-FLANGE THREADS	B-G-1	0TU	DCC-UT5/0/0/0	X	-	-	SWRI - EXAMINED STUD HOLE LIGAMENT NOS.
	1 THROUGH 54	86.40						1 THRU 36.
	·							**7750-8-CS-10-DCC**
	CLOSURE WASHERS							
004800	2-RPV-WASHER	B-G-1	PT	DCC-PT1/0/0/0	X		-	SWRI - EXAMINED 66% (36) NUTS.
	1 THROUGH 54	B6.50	VT-1	DCC-VT7/0/0/0	X	-	-	•

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DATE: 01/16/91 VISION: 0

COOK NUCLEAR PLANT UNIT 2

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

		OUTAGE		SECOND PERIOD, SEC ASS 1 COMPONENTS	COND	INT	ERVA	
PRESSUR	IZER (FIGURE A-4)							
	-				N		0	
	T.	ASHE			0	G		
		SEC. XI			R	E		4
	EXAMINATION AREA	CATGY	EXAM		" E		E.	a a
NUMBER	IDENTIFICATION	ITEH NO	METHOD	PROCEDURE	c -	H	R -	**CALIBRATION BLOCK**
	CIRCUMFERENTIAL WELDS			,				•
006100.	2-PRZ-11	B-B	UTOL	DCC-UT49/0/0/0	X	_	_	SWRI - LIMITED EXAM DUE TO WELDED PADS
	LOWER SHELL TO LOWER HEAD	B2.11	WOTU	DCC-UT49/0/0/0	Х	-	-	AND INSTRUMENTATION PIPING.
			UT45	DCC-UT15/0/0/1	X	-	-	s.
			UT45T		X	-	÷	
			UT60		х	_	-	**RV_3**
	•		UT60T		X	•	-	•
	LONGITUDINAL WELDS							•
006600	2-PRZ-16	B-B	UTOL	DCC-UT49/0/0/0	X	-	_	SWRI
4	LONGITUDINAL SEAM	B2.12	UTOW	_	X	_	-	*
			UT45	DCC-UT15/0/0/1	Х	-	_	
	¥ -	•	UT45T	,	Х	_	_	
			UT60			_	_	**RV~3**
	y		UT60T			-	-	
_		v		•				•
e æ	NOZZLE TO SHELL AND SHELL TO M	OZZLE_WEL	<u>DS</u>					
006930	6"-2-RC-22 -	B-D	UTOW	DCC-UT49/0/0/0	X	_	-	SWRI
	UPPER HEAD TO RELIEF NOZZLE	B3.110	UT45	DCC-UT15/0/0/1	X	_	_	
			UT45T		X	•	_	
			UT60		X	_	-	
			UT60T	-	·x	-	-	**PL-3.0-CSCL-4-DCC**
00/0/0				000 117/0 /0 /0 /0	v			01107
MOYOU	6"-2-RC-27	B-D	UTON	DCC-UT49/0/0/0	X	-	-	SWRI
•	UPPER HEAD TO RELIEF NOZZLE	в3.110	UT45	DCC-UT15/0/0/1	X	-	-	•
			UT45T UT60		X	-	_	•
		ls .	U160 UT60T		X	-	_	**PL-3.0-CSCL-4-DCC**
						٠		•
	NOZZLE INSIDE RADIUS SECTIONS							
007100	6"-2-RC-22-IRS	B-D	UT20RL	DCC-UT11/0/0/0	Х	_	_	SWRI
	UPPER HEAD TO RELIEF NOZZLE	B3.120	UT25RL			-		. *

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COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL CLASS 1 COMPONENTS

PAGE:

DDESCHO	IZER (FIGURE A-4)			•			-	
FRESSON	IZER (Floore N-92				N		0	
	•	ASME	,	٠,	Ô	G	T	
		SEC. XI			R	E	Н	·
SUMMARY	EXAMINATION AREA	CATGY	EXAM		Ε	0	Ε	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	HETHOD	PROCEDURE	C	H	R	**CALIBRATION BLOCK**
					-	-	-	
	NOZZLE INSIDE RADIUS SECTIONS							
	4 		11 220 01	DCC 11744 (D /D /D	v			SWRI
007200	6*-2-RC-25-IRS	B-D 83.120	UT2ORL UT25RL	DCC-UT11/0/0/0	· ·	-	_	2MUT
	UPPER HEAD TO RELIEF NOZZLE	83.120	UIZJRL		^	_	_	
			ž.					**CSCL-24-DCC/CS-33-DCC**
	•			,				
	ı							,
007300	6"-2-RC-26-IRS	B-D	UT20RL	DCC-UT11/0/0/0	X	-	-	SWRI
	UPPER HEAD TO RELIEF NOZZLE	B3.120	UŢ25RL		X	-	-	
				7	x.			<u> </u>
,								**CSCL-24-DCC/CS-33-DCC**
	•							
			UT2ORL	DCC-UT11/0/0/0	v	_	_	SWRI
07400	6*-2-RC-27-IRS UPPER HEAD TO RELIEF NOZZLE	B-D p3 120		*	Ŷ	_	_	SHILL ,
	UPPER HEAD TO RELIEF HOZZEE,	65.120	UIEJAL		^			•
7	•							**CSCL-24-DCC/CS-33-DCC**
	•							·
	NOZZLE TO SAFE-END AND SAFE-E	ND TO NOZ	ZLE WELDS					• •
		n.e. '	n#	DOC DT4 /0 /0 /0	v	_	_	SHRI - LIMITED EXAM DUE TO NOZZLE
008300	2-PRZ-24	B-F	PT UT45	DCC-PT1/0/0/0 DCC-UT31/0/0/0			-	
	NOZZLE TO SAFE-END	85.40	UT45T	000-0131/0/0/0				DEG. REFRACTED LONGITUDINAL IN RESPONSE
			UT60					TO NRC I.N. 90-30.
	4 -		UT45RL	DCC-UT31/0/0/2				**3378028 (6-SS-16071)**
4			UT45TRL	200 0.2., 2, 2, 2		_		
	•			,				<u>;</u> ,
008400	2-PRZ-25	B-F	PΤ	DCC-PT1/0/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO NOZZLE
	NOZZLE TO SAFE-END	85.40	UT45	DCC-UT31/0/0/0	X	-	-	CONFIGURATION. AUGHENTED EXAM USING 45
	- n		UT45T		Х		-	DEG. REFRACTED LONGITUDINAL WAVE IN
	+		UT60		Х		-	RESPONSE TO NRC I.N. 90-30.
			UT45RL	DCC-UT31/0/0/2	X		-	**3378028 (6-ss-16071)**
•			UT45TRL		X	-	-	•
				W.				•
	LOWER HEAD TO SUPPORT SKIRT W	ELD .						
8505	2-PRZ-20	B-H	HT	DCC-HT1/0/0/0	X	-	-	SWRI - PERFORMED THE OUTER SURFACE
	VESSEL SUPPORT	B8.20				_		EXAMINATION. INSIDE SURFACE EXAMINATION
						•		SCHEDULED FOR THE NEXT REFUELING OUTAGE.

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COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

	•		CLA	ASS 1 COMPONENTS				
STEAM G	ENERATOR NO. 22 (FIGURE A-5)							
					N		0	
		ASKE				G		
		SEC. XI			R	E	•	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		Ε	0		REMARKS
NUMBER	IDENTIFICATION	ITEH NO	METHOD	PROCEDURE	С	H	R	**CALIBRATION BLOCK**
					-	-		
	CIRCUMFERENTIAL WELDS							•
009500	STM-22-01	B-B	UTOL	DCC-UT49/0/0/0	x	-	_	SWRI
00,,00	LOVER HEAD TO TUBE SHEET	B2.40	UTOW		X	_	_	•
	LONEIL HEIGHT TO TOOL SHEET		UT45	DCC-UT15/0/0/1	X	_	_	
			UT45T	200 0110,0,0,	x	_	_	•
			UT60		x	_	_	**RV-3**
	·		UT60T		_ X		_	,
			01001		,q **			•
	NOZZLE INSIDE RADIUS SECTIONS	•						•
009600	STH-22-I-IRS	B-D	UT35	DCC-UT11/0/0/0	х	_	_	SWRI
	INLET NOZZLE INSIDE	B3.140	h					
	RADIUSSECTION	551146						
	WD1035ECITOR							
				*				**IR-CSCL-24-DCC**
l.	x							v
' %	4							
009700	STM-22-0-IRS	B-D	UT35	DCC-UT11/0/0/0	Х	-	-	SWRI
,	OUTLET NOZZLE INSIDE RADIUS	83.140						•
	SECTION							
								IR-CSCL-24-DCC
			•					
	NOZZLE TO ELBOW AND ELBOW TO	NOZZLE WE	LDS					
009800	STH-22-02	B-F	PT	DCC-PT1/0/0/0	x	-	-	SWRI - PARTIAL EXAM PERFORMED; SEE NNR
007000	ELBOW TO INLET NOZZLE	B5.70	UT45	DCC-UT33/0/0/0	Х	-	_	NO. 90-NNR-29. REMAINING VOLUME TO BE
			UT45T	, , ,		_		
								OUTAGE.
								CSS/CCS-HOCKUP-36-DCC
009900	STM-22-03	B-F	PT	DCC-PT1/0/0/0	x	-	-	SWRI - PARTIAL EXAM PERFORMED; SEE NNR
	OUTLET NOZZLE TO ELBOW .	B5.70	UT45	DCC-UT33/0/0/0		-	-	NO. 90-NNR-29. REHAINING VOLUME TO BE
			UT45T	•• • •		-		
								OUTAGE.

CSS/CCS-MOCKUP-36-DCC

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COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

STEAM	<u>GENERATOR</u>	NO. 23	(FIGURE A-5)

	EXAMINATION AREA IDENTIFICATION CIRCUNFERENTIAL WELDS	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	R E	G E O H	H	REMARKS **CALIBRATION BLOCK**
010400	STM-23-01 LOWER HEAD TO TUBE SHEET ,	B-B B2.40	UTOW UT45 UT45T UT60 UT60T	DCC-UT49/0/0/0 DCC-UT15/0/0/1	X X X	-	-	SWRI **RV-3**
010500	NOZZLE INSIDE RADIUS SECTIONS STH-23-I-IRS INLET NOZZLE INSIDE RADIUSSECTION	B-D B3.140	ит35	DCC-UT11/0/0/0	x	-	-	Swri
010600	STM-23-0-IRS OUTLET NOZZLE INSIDE RADIUS	B-D B3.140	UT35	DCC-UT11/0/0/0	x	-	-	**IR-CSCL-24-DCC** SWRI
	SECTION							**IR-CSCL-24-DCC**
010700	NOZZLE TO ELBOW AND ELBOW TO I STH-23-02 ELBOW TO INLET NOZZLE	B-F B5.70	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT33/0/0/0	X		-	SWRI - PARTIAL EXAM PERFORMED; SEE NNR NO. 90-NNR-29. REMAINING VOLUME TO BE EXAMINED DURING THE NEXT REFUELING OUTAGE. **CSS/CCS-HOCKUP-36-DCC**
010800	STM-23-03 OUTLET NOZZLE TO ELBOW	B-F B5.70	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT33/0/0/0	x x x	-	-	SWRI - PARTIAL EXAM PERFORMED; SEE NNR NO. 90-NNR-29. REMAINING VOLUME TO BE EXAMINED DURING THE NEXT REFUELING OUTAGE. ***CSS/CCS-HOCKUP-36-DCC**

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COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL CLASS 1 COMPONENTS

PAGE:

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REACTOR	COOLANT SYSTEM						_	
					N	_	0	
		ASME				G		
		SEC. XI	6 1/444				H/	DEMARKS
	EXAMINATION AREA	CATGY	EXAM			0		REMARKS
NUMBER	IDENTIFICATION '	ITEM NO	METHOD	PROCEDURE		H	R -	**CALIBRATION BLOCK**
*					-	-	-	•
	LINE 2-RC-17 (FIG NO A-6B)		•					
								A =
015800	2-RC-17-08N	B-J	PT	DCC-PT1/0/0/0	X	;	-	SWRI
	10-IN. NOZZLE (BRANCH	B9.31	UT45	DCC-UT33/0/0/0	X		-	
	CONNECTION)		UT45T		X	-	7	•
								37-CCSS-X-3.0-9-DCC
			i					
				•				•
	LINE 2-RC-19 (FIG NO A-8A)							
020200	2-RC-19-05	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI .
	PIPE TO ELBOW	B9.11	, WOTU	DCC-UT49/0/0/0	X	-	-	
-			UT45	DCC-UT33/0/0/0	·X	-	-	
			UT45T		X	-	-	•
								37-CCSS-X-3.0-9-DCC
				, '	4			
. 020220	2-RC-19-05-LD-I	B-J	PT -	DCC-PT1/0/0/0	x	_	_	SWRI - EXAMINED 12" OF WELD LENGTH.
OLULLO	LONGITUDINAL SEAM	B9.12	UTOW	DCC-UT49/0/0/0		-		
	Editorium omai	, 5, , , ,	UT45	DCC-UT33/0/0/0				,
		*	UT45T	• • •		_		
								37-CCSS-X-3.0-9-DCC
020240	2-RC-19-05-LD-0	B-J	PT	DCC-PT1/0/0/0		-	•	SWRI - EXAMINED 12" OF WELD LENGTH.
	LONGITUDINAL SEAM	B9.12	UTON	DCC-UT49/0/0/0		-	-	
			UT45	DCC-UT33/0/0/0	X	_	-	
			UT45T		^	-	-	**37-CCSS-X-3.0-9-DCC**
-				•				**
	-							<u> -</u>
020500	2-RC-19-05N	B-J	PT	12SHP5050NDE001	X	-	-	J.O. B78
	2-IN. NOZZLE (BRANCH	B9.32						
*	CONNECTION)	•						
	-		`					
	Þ							•
	LINE 2-RC-20 (FIG NO A-9A)							•
	Line C-nc-to (Fig no N-7A)							
22900	2-RC-20-05	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	PIPE TO ELBOW	B9.11	UTOW	DCC-UT49/0/0/0	X	-	-	
			UT45	DCC-UT33/0/0/0	X		-	,
i			UT45T		X	-	-	
								37-CCSS-X-3.0-9-DCC

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DATE: 01/16/91 EVISION:

COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL CLASS 1 COMPONENTS

PAGE:

		*		•				
REACTOR	COOLANT SYSTEM						0	>
		4045			N	_	-	
		ASHE	•		0	_	T	
		SEC. XI				E	-	DEMARKS
	EXAMINATION AREA	CATGY	EXAM	,	_	0		REHARKS
NUXBER	IDENTIFICATION	ITEH NO	METHOD	PROCEDURE	С	H	R	**CALIBRATION BLOCK**
					-	_	-	
•								ì
	LINE 2-RC-20 (FIG NO A-9A)							•
022920	2-RC-20-05-LD-I	B-J	PT	DCC-PT1/0/0/0	¥	_	_	SURI - EXAMINED 12" OF WELD LENGTH.
UZZYZU	LONGITUDINAL SEAM	B9.12	UTOW	DCC-UT49/0/0/0	x		_	OWING - ENVIRONMENT OF HELD EDITORING
	LONGITUDIANE SEXA	67.16	UT45	DCC-UT33/0/0/0		_	_	•
•			UT45T	000-0103/0/0/0		_	_	
			01431		^	_	_	**37-CCSS-X-3.0-9-DCC**
								•
0220/0	2 20 20 05 10 0	B-J	PΤ	DCC-PT1/0/0/0	v	_	_	SWRI - EXAMINED 12" OF WELD LENGTH.
U2294U,	2-RC-20-05-LD-0	89.12	UTON	DCC-UT49/0/0/0		_	<u>-</u>	SHRE - ENGINEED IE OF WEED BEHOVILL
*	LONGITUDINAL SEAM	87.12		· , DCC-UT33/0/0/0		_	· _	P
4			UT45T	, 000-0133/0/0/0		_	_	•
			01421		^	_	_	**37-CCSS-X-3.0-9-DCC**
, 	•							
	LINE 2-RC-20 (FIG NO A-9B)		H			•		
1	LINE Z-RC-ZO (FIG NO A-7B)							
023700	2-RC-20-06N	B-J	PΤ	12SHP5050NDE001	x	_	_	J.O. B78
023100	2-1/2-IN. NOZZLE (BRANCH	B9.32	••	120111 50501101101				,
•	CONNECTION)	D7.JL		1				×
4								-
				я				
			5					
024200	2-RC-20-10	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	PIPE TO PIPE	B9.11	UT45	DCC-UT33/0/0/0	X	-	-	
			UT45T		X	-	-	
	n				•			**37-ccss-X-3.0-9-DCC**
								,
				1				*
	LINE 2-RC-21 (FIG NO A-10)	-		•				
	•		•					
024850	2-RC-21-04	B-J	PΤ	DCC-PT1/0/0/0		-		SWRI
	PIPE TO PIPE	B9.11	UT45	DCC-UT31/0/0/0	-	X	-	•
			UT45T		X	-	-	·
				•				**3378032 (14-ss-160-1.40)**
								•
	e e		1					
025500	2-RC-21-07	B-F	PT	DCC-PT1	X	-	-	SURI - LIMITED EXAM FROM THE DOWNSTREAM
	PIPE TO SAFE-END	B5.130	UT45	DCC-UT31/0/0/0	-		-	SIDE DUE TO WELDED LUGS.
			UT45T		X	-	-	
				,				**3378032 (14-SS-160-1.40)**

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DATE: 01/16/91 EVISION: 0

COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

REACTOR	COOLANT	SYSTEM

RI	EACTOR	COOLANT SYSTEM				41		^	
		EXAMINATION AREA IDENTIFICATION	ASHE SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	R	G E O N	Ħ	REMARKS **CALIBRATION BLOCK**
		LINE 2-RC-22 (FIG NO A-11)			•				
0	25700	2-RC-22-01 SAFE-END TO ELBOW	B-J B9.11	PT UT45 UT45T UT60	DCC-PT1/0/0/0 DCC-UT31/0/0/0	X X	-	-	**3378028 (6-SS-16071)**
		LINE 2-RC-23 (FIG NO A-12)							
0	28100	2-RC-23-08 VALVE TO PIPE	`B-J 89.21	ΡΤ ,	12SHP5050NDE001	X,	-	-	J.O. B78 .
)	LINE 2-RC-24 (FIG NO A-13)		v					
0	28550	,	в-J в9.21	РТ	12SHP5050NDE001	X	-	-	J.O. B78
		LINE 2-RC-25 (FIG NO A-14)							,
0	29300	2-RC-25-07 ELBOW TO PIPE	в-J в9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT31/0/0/0	X	-	-	**3378028 (6-SS-16071)**
		LINE 2-RC-26 (FIG NO A-15)	1	•			,		
· o	30250	2-RC-26-08 PIPE TO PIPE	8-J 89.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT31/0/0/0	X X	-	-	**3378028 (6-SS-16071)**
ľ	30400 ,	2-RC-26-09-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12SHP5050NDE006	x	-	-	J.O. B78

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DATE: 01/16/91 TEVISION: 0

COOK NUCLEAR PLANT UNIT 2

PAGE: 10

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

	A		CLA	SS 1 COMPONENTS				•
REACTOR	COOLANT SYSTEM			*				•
			•		N		. 0	A
	•	ASHE			0	G	T	÷
		SEC. XI			R	Ε	H	
SUHHARY	EXAMINATION AREA	CATGY	EXAM		E	0	Ε	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD ,	PROCEDURE	C	H	R	**CALIBRATION BLOCK**
					-	-	-	
	LINE 2-RC-28 (FIG NO A-17)							
			n .	DCC DT4 /0 /0 /0	v			SWRI
	2-RC-28-07	B-J	PT ,	DCC-PT1/0/0/0	X		-	SMUT
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/0/0/0	X		-	•
,			UT45T		X	-	_	**3378027 (4-SS-120430)**
	•							
033200	2-RC-28-16	B - J	PT	DCC-PT1/0/0/0	X	_	_	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/0/0/0	X	-	••	-
			UT45T		X	_	_	•
			UT6Ó		X	_	_	
								3378027 (4-ss-120430)
4200	2-RC-28-22	B-J	PT	DCC-PT1/0/0/0		-	-	SWRI - EXAM PERFORMED IN RESPONSE TO NRC
	PIPE TO TEE	B9.11	UT45	DCC-UT31/0/0/1		-	-	BULLETIN 88-08, SUPP. 2. AUGHENTED UT IN
	•		UT45T			-	-	ACCORDANCE WITH WCAP-12143.
			UT60		X	-	-	
		a			٠			**3378027 (4-SS-120430)**
034300	2-RC-28-23	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI - EXAM PERFORMED IN RESPONSE TO NRC
	TEE TO PIPE	B9.11	UT45	DCC-UT31/0/0/1	X	-	-	BULLETIN 88-08, SUPP. 2. AUGHENTED IN
			UT45T		X	-	-	ACCORDANCE WITH WCAP-12143.
			UT60		X	-	-	•
								3378027 (4-ss-120430)
	,				.,			SWRI - EXAM PERFORMED IN RESPONSE TO NRC
034400	2-RC-28-24	B-J	PT	DCC-PT1/0/0/0		-	-	BULLETIN 88-08, SUPP. 2. AUGMENTED UT IN
	PIPE TO ELBOW	B9.11		DCC-UT31/0/0/1	X	-	-	
	•		UT45T		X	-	-	ACCORDANCE WITH WCAP-12143.
			UT60		X	-	-	**3378027 (4-SS-120430)**
			9s.	•				
034700	2-RC-28-27 .	B-J	PT	DCC-PT1/0/0/0	x	_	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/0/0/0	X	-	-	
			UT45T	•	X.	-	-	
			UT60		X	-	-	·
_		•						**3378027 (4-SS-120430)**

DATE: 01/16/91 VISION:

8600 2-RC-32-10

REDUCING TEE TO PIPE

B-J

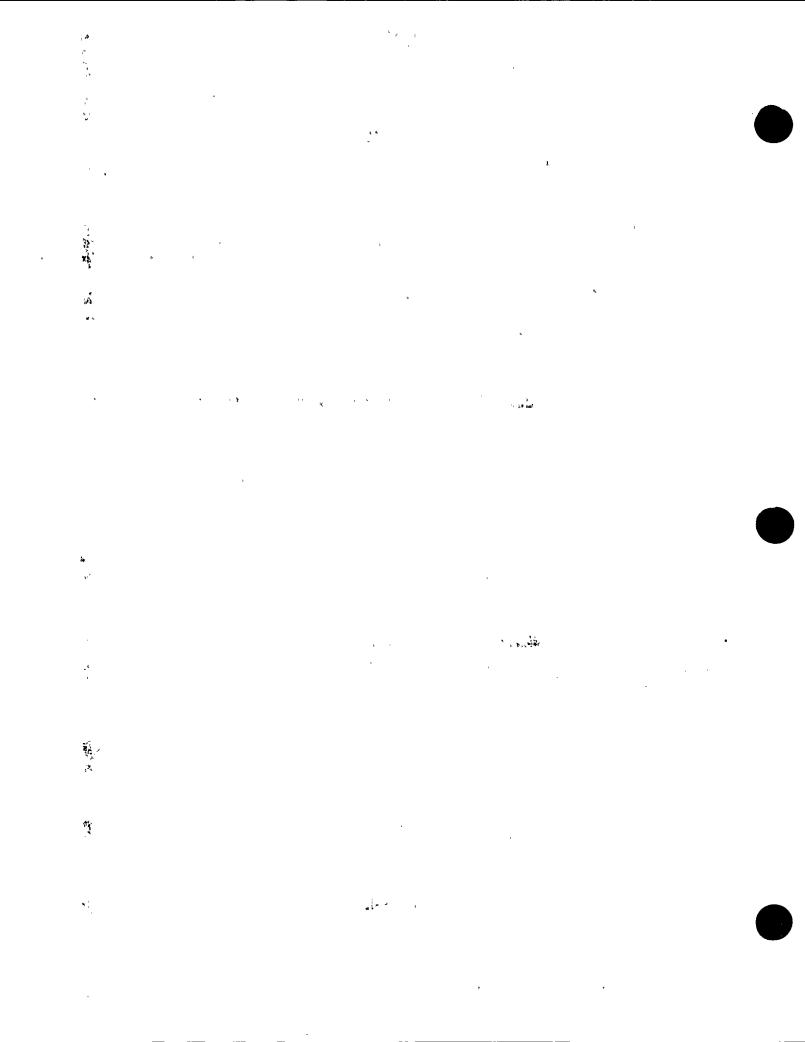
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PT

12SHP5050NDE001

COOK NUCLEAR PLANT UNIT 2 SUHMARY OF NONDESTRUCTIVE EXAMINATIONS PAGE: 11

Visit	on: O		1 (1990), s	ECOND PERIOD, SECONS 1 COMPONENTS		INT	ERVA	L
REACTOR	COOLANT SYSTEM							
					N	_	0	
,	*	ASME				G		
	·	SEC. XI				E	*	OCMARKO
	EXAMINATION AREA	CATGY	EXAM	DDOCEDURE			E R	
NUMBER	IDENTIFICATION	ITEM NO	MEINOD	PROCEDURE	-	-	_	
	LINE 2-RC-28 (FIG NO A-17A)							
	A AA				v			CURT
036400	2-RC-28-37	B-J	PT	DCC-PT1/0/0/0				SWRI .
	ELBOW TO PIPE	в9.11	UT45 UT45T	DCC-UT45/0/0/0		-		
			UT60			_		n.
			0100		. ^	_	_	**3378027 (4-SS-120430)**
				"				
-					1			
	LINE 2-RC-29 (FIG NO A-18)							-
038700	2-RC-29-09	B-J	PT	DCC-PT1/0/0/0	X	_	_	SWRI
000,00	PIPE TO ELBOW	B9.11	UT45 '	DCC-UT31/0/0/0	X	_	-	•
			UT45T		X	-	-	
					•			**3378027 (4-SS-120430)**
	4							
070400	2 22 22 44	B-J	PΤ	DCC-PT1/0/0/0	v	_	_	SWRI '
039100	2-RC-29-11	B-J B9.11	UT45	DCC-UT31/0/0/0		_	_	
	PIPE TO ELBOW	67.11	UT45T	000-0151/0/0/0/0		_		
		-	UT60			_		•
			0100		^			**3378027 (4-ss-120430)**
**	LINE 2-RC-30 (FIG NO A-19)							•
041300	2-RC-30-06	B-J	PT	DCC-PT1/0/0/0	x	_	_	SURI - EXAM PERFORMED IN RESPONSE TO NRC
041500	PIPE TO TEE	B9.11	UT45	DCC-UT31/0/0/1		-	_	BULLETIN 88-08, SUPP. 2. AUGMENTED UT IN
			UT45T		X	_	-	ACCORDANCE WITH WCAP-12143.
			UT60		X	_	-	
				•				**3378027 (4-ss-120430)**
	LINE 2-RC-32 (FIG NO A-21)			e e				
		_		400000000000000				
048500	2-RC-32-09	8-J	PT	12SHP5050NDE001	X	-	-	J.O. B78
	PIPE TO REDUCING TEE	B9.21						·
•	·		,					
								•



DATE: 01/16/91 EVISION: 0

COOK NUCLEAR PLANT UNIT 2

PAGE:

12

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

AB: 457	COOL AND CVOTCH		CLAS	5 1 CONFORENTS				
SUMMARY	EXAMINATION AREA IDENTIFICATION	ASHE SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	R E	-	T H Ě	REMARKS **CALIBRATION BLOCK**
7	LINE 2-RC-32 (FIG NO A-21)	1					•	
048700	2-RC-32-11 PIPE TO ELBOW	B-J B9.21	PT	12SHP5050NDE001	X	-	-	J.O. B78
048800	2-RC-32-12 ELBOW TO PIPE	B-J B9.21	PT	12SHP5050NDE001	x	-	-	J.O. B78
048900	2-RC-32-13 PIPE TO FLANGE	B-J B9.21	РΤ ,	12SHP5050NDE001	x	-	•	J.O. B78
049000	2-RC-32-13-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12SHP5050NDE006	x	-	-	J.O. B78
,	LINE 2-RC-33 (FIG NO A-22A)							
053000	2-RC-33-18 PIPE TO FLANGE	8-J 89.21	PT	12SHP5050NDE001	x	-	-	J.O. B78
053100	2-RC-33-18-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12SHP5050NDE006	x	•	-	J.O. 878
053200	2-RC-33-19 FLANGE TO PIPE	B-J B9.21	PT	12SHP5050NDE001	x	•	-	J.O. B78
053400	2-RC-33-20 PIPE TO ELBOW	B-J B9.21	PT	12SHP5050NDE001	x	-	-	J.O. B78

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DATE: 01/16/91 EVISION: 0 COOK NUCLEAR PLANT UNIT 2

PAGE:

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

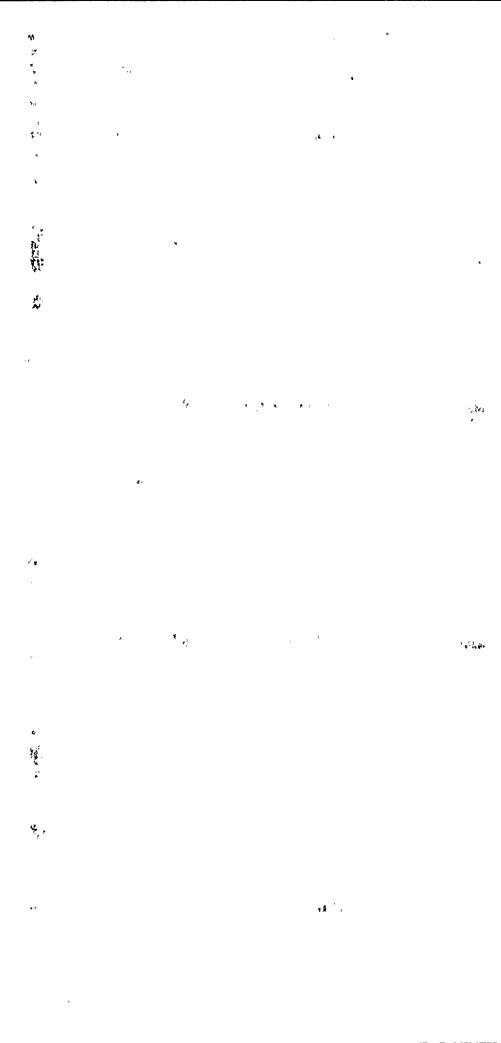
		•		CLAS	3 I CONFOREITS				
B	EACTOR	COOLANT SYSTEM		ğ.	•	•		•	
						N		0	*
			ASME			0	G	Ť	*
			SEC. XI			R	Ε	H	
S	UMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	É	REMARKS
		IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	H	R	**CALIBRATION BLOCK**
_		& p & a a a a a a a a a a a a a a a a a				_	_	-	
									4
		LINE 2-RC-33 (FIG NO A-22A)							
					*				
O	53500	2-RC-33-21	B-J	PT	12SHP5050NDE001	X	_	-	J.O. B78
		ELBOW TO PIPE	B9.21						
					•				
		μ.							
					•				•
		LINE 2-RC-514 (FIG NO A-26)							
								-	,
c	367900	2-RC-514-24	B-J	PT	12SHP5050NDE001	х	_	_	J.O. B78
		ELBOW TO PIPE	B9.40						•
		•		•					•
		•				_			
	68000	2-RC-514-25	B-J	PT	12SHP5050NDE001	X	_	-	J.O. B78
		PIPE TO ELBOW	B9.40		•				
			-						, ,
,					•				4
		-							
(068100	2-RC-514-26	B-J	PT	12SHP5050NDE001	X	_	-	J.O. B78
	•	ELBOW TO PIPE	B9.40	-	-				
							_		
									Ę
					w				
		LINE 2-RC-515 (FIG NO A-27)							-
							*		1
(070300	2-RC-515-09	B-J	PT	12SHP5050NDE001	X	-	-	J.O. B78
•		PIPE TO VALVE	B9.40						

DATE: 01/16/91 EVISION: 0 COOK NUCLEAR PLANT UNIT 2
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

PAGE: 1

TEACTOR COOLANT SYSTEM

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		ASHE			0	G	T	
		SEC. XI	1		R	E	H	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEH NO	HETHOD	PROCEDURE	C	H	R	**CALIBRATION BLOCK**
	***************************************				-	- `	-	
								•
	LINE 2-RC-515 (FIG NO A-27) .							
070400	2-RC-515-10	B-J	PT	12SHP5050NDE001	X	-	-	J.O. B78
	VALVE TO DIDE	03.00						



DATE: 01/16/91 EVISION: 0

COOK NUCLEAR PLANT UNIT 2

PAGE:

15

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

			CLA	SS 1 COMPONENTS				
	COOLANT SYSTEM				41		_	•
	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAN METHOD	PROCEDURE	R E	G E O H	É	REMARKS **CALIBRATION BLOCK**
	LINE 2 DO E45 (CTC NO A 27)		4 5					
	LINE 2-RC-515 (FIG NO A-27)	-			,			•
070500	2-RC-515-11 PIPE TO VALVE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. B78
070/00	0.00.545.40	B-J	PT	12SHP5050NDE001	v	_	_	J 0 878
070800	2-RC-515-12 VALVE TO PIPE	B9.40	r.	1524-20201115001	^			0.0. 0.0
								•
070700	2-RC-515-13 PIPE TO ELBOW	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. B78
	•			r				
070800	2-RC-515-14 ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	x	-	-	J.O. B78
071600	2-RC-515-21-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12SHP5050NDE006	X	-	-	J.O. 878
	PENIOR BOLITIO	5,.,,						
	LINE 2-RC-517 (FIG NO_A-29)	·						
077700	· 2-RC-517-15	B-J	PT	12SHP5050NDE001	X	-	-	J.O. B78
,	PIPE TO VALVE	B9.40	,					
		•						
° 077800	2-RC-517-16 VALVE TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. B78
•				•				
077900		B-J B9.40	PT	12SHP5050NDE001	x	-	-	J.O. B78

DATE: 01/16/91 EVISION: 0 COOK NUCLEAR PLANT UNIT 2

PAGE:

16

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

REACTOR COOLANT	SYSTEM
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		EXAMINATION AREA IDENTIFICATION	ASHE SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	R			REMARKS **CALIBRATION BLOCK**
	078000	LINE 2-RC-517 (FIG NO A-29) 2-RC-517-18 ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	x	-	-	J.O. B78
,		2-RC-517-19 PIPE TO TEE	B-J B9.40	PT	12SHP5050NDE001	x	-	-	J.O. B78
		2-RC-517-20 TEE TO PIPE	B-J B9.40	РТ	12SHP5050NDE001	x	-	-	J.O. B78
	078300	2-RC-517-21 PIPE TO VALVE	B-J B9.40	PT	12SHP5050NDE001	x	-	-	J.O. B78
	078400	2-RC-517-22 VALVE TO PIPE	B-J B9.40	РТ	12SHP5050NDE001	X	-	-	J.O. B78
	078500	2-RC-517-23 PIPE TO FLANGE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. B78
	078600	2-RC-517-23-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12SHP5050NDE006	x	-	-	J.O. B78
	078700	2-RC-517-24 TEE TO PIPE	B-J B9.40	PT .	12SHP5050NDE001	X	-	-	J.o. B78

DATE: 01/16/91 EVISION: 0 COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

REACTOR	COOLANT	SYSTEM

				•	N		0	
		ASME			0	G	T	•
	•	SEC. XI			R	E	H	
SUHMARY	EXAMINATION AREA	CATGY	EXAM		Ę	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEH NO	HETHOD	PROCEDURE	C	H	R	**CALIBRATION BLOCK**
					-	-	-	
	•							
	LINE 2-RC-517 (FIG NO A-29)							
078800	2-RC-517-25	B-J	PT	12SHP5050NDE001	Y	_	_	J.O. B78
010000	PIPE TO MANIFOLD	B9.40		120111 30301132301	•			0.0.0
	Late 10 indiators	57145						
	LINE 2-RC-525 (FIG NO A-32)							>
	0.00.505.44			420105050105004	v			1.0 P70
087700	2-RC-525-14	. B-J	PT	12SHP5050NDE001	X	-	-	J.O. B78
	BRANCH CONNECTION TO PIPE	B9.40		9				•

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DATE: 01/16/91 EVISION: 0

COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

			CLA	SS 1 COMPONENTS				•
SAFETY 1	INJECTION_SYSTEM				••		_	•
		ACUE			N O	G	0 T	
		ASHE SEC. XI				E		·
SHMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	•	REMARKS
	IDENTIFICATION	ITEM NO		PROCEDURE	C	Н	R	**CALIBRATION BLOCK**
					-	-	-	
	LINE 2-SI-56 (FIG NO A-33)							•
088100	2-SI-56-03	B-J	PT	DCC-PT1/0/0/0	x		_	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/0/0/0	-	X	-	
			UT45T		X	-	-	ı
	-							**3378030 (10-ss-140-1.0)**
000750	2 01 54 40	0_1	PT	DCC-PT1/0/0/0	x	_	_	SWRI
	2-SI-56-19 TEE TO PIPE	8-J B9.11	UT45	DCC-UT31/0/0/0		_		Jane 1
•	IEE 10 FIFE	67.11	UT45T	000-0151/0/0/0/	x			
		1	,					**3378030 (10-SS-140-1.0)**
	LINE 2-SI-78 (FIG NO A-33)							
	LINE 2-31-10 (F10 NO A-33)							
090850	2-SI-78-08	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI .
	PIPE TO PIPE	B9.11	UT45	DCC-UT31/0/0/0			-′	
. 4	•		UT45T		Х	-	-	**3378028 (6-SS-16071)**
						1	•	
	LINE 2-SI-57 (FIG NO A-34)		•					
				ncc n 1 4 /0 /0 /0	v	_	_	SWRI
092700	2-SI-57-17	B-J B9.11	PT UT45	DCC-PT1/0/0/0 DCC-UT31/0/0/0		- X	-	SWR1
	PIPE TO ELBOW	87.11	UT45T	DCC-0131/0/0/0/0	X	_	_	
			01431		••			**3378030 (10-ss-140-1.0)**
*				•				
	LINE 2-SI-58 (FIG NO A-35)							
094800	2-SI-58-03-PL 1 AND 2	B-K-1	PT	12SHP5050NDE001	X	-	-	J.O. B78
	PIPE LUG	B10.10	=		•			,
			₩					
094900	2-SI-58-04	B-J	PT	DCC-PT1/0/0/0		-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/0/0/0		X		
			UT45T		Х	-	-	**3378030 (10-SS-140-1.0)**
it i				•				~~JJ(0UJU (1U-35-14U-1.U)~~

PAGE:

18

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COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

PAGE: 19

			CI	LASS 1 COMPONENTS				•
SAFETY	INJECTION SYSTEM				N		0	
		ASHE				G	-	
Ŧ		SEC. XI			,		H	-
SUHMARY	EXAMINATION AREA	CATGY	EXAM			0	-	REMARKS
	IDENTIFICATION	ITEM NO		PROCEDURE		Н		**CALIBRATION BLOCK**
	***************************************				-	-	-	
	LINE 2-SI-58 (FIG NO A-35)			·				•
096500	2-SI-58-18	B-J	PT	DCC-PT1/0/0/0	х	_	-	SWRI
	REDUCER TO ELBOW	B9.11	UT45	DCC-UT31/0/0/0		х	_	
	-		UT45T	. , ,		_	_	
					P	•		**3378030 (10-ss-140-1.0)**
3	LINE 2-SI-77 (FIG NO A-35)			*				
	EARC COSTIL TITO NO N-007							•
097700	2-51-77-06	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
_	PIPE TO REDUCER	B9.11	UT45	DCC-UT31/0/0/0	Х	-	-	
	•		UT45T		X	-	-	•
	•			,				**3378028 (6-SS-16071)**
	LINE 2-SI-59 (FIG NO A-36)	•						
099400	2-SI-59-15	B-J	PT	DCC-PT1/0/0/0	x	-	-	SURI
	ELBON TO PIPE	B9:11	UT45	DCC-UT31/0/0/0	X	-	-	
	•		UT45T		X	-	-	• -
								3378030 (10-ss-140-1.0)
				۴				
100400	2-SI-59-25	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO BRANCH CONNECTION	B9.11	UT45	DCC-UT31/0/0/0	-	X	-	
	-		UT45T	•	X	-	-	•
•	,							**3378030 (10~ss-140-1.0)**
	LINE 2-SI-60 (FIG NO A-37)					ŧ		
				,				•
101800	2-SI-60-05	B-J	PT	DCC-PT1/0/0/0			-	SURI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/0/0/0		X		
_			UT45T		X	-	-	
•								**3378029 (8-SS-16081)**
485755								aunt
102/00	2-SI-60-14	B-J .	rı	DCC-PT1/0/0/0	X	-	-	SWRI

B9.11

PIPE TO ELBOW

UT45

UT45T

DCC-UT31/0/0/0

Х -

X - -

3378028 (6-SS-160-.71)

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COOK NUCLEAR PLANT UNIT 2 SUHHARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

				CLA	SS 1 COMPONENTS				•
	SAFETY 1	INJECTION SYSTEM	•			N		0	*
		•	ASME		•	0	G	T	4
			SEC. XI		*		E		
7-		EXAMINATION AREA	CATGY	EXAM			0		REMARKS
	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	H	R	**CALIBRATION BLOCK**
						-	-	•	•
		LINE 2-SI-60 (FIG NO A-37A)							
	103600	2-\$1-60-25	B-J	PT	DCC-PT1/0/0/0	X	-	-	SURI
_		ELBOW TO PIPE	B9.11	UT45	DCC-UT31/0/0/0	X	-	-	
				UT45T		X	-	-	
									3378028 (6-ss-16071)
			-						
	,	LINE 2-SI-61 (FIG NO A-38)				r			,•
	105700	2-SI-61-13	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
,		PIPE TO VALVE	B9.11	UT45	DCC-UT31/0/0/0		X		e e
				UT45T		Х	-	-	**3378028 (6-SS-16071)**
_		•							**33/8028 (0-55-10011)~~
		•	N						
		LINE 2-SI-62 (FIG NO A-39)		•					•
	107200	2-SI-62-04	B-J "	PT ,	DCC-PT1/0/0/0	X	_	_	SWRI
*	101200	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/0/0/0		X		•
	-			UT45T		X	-	-	•
				UT60		-	X	-	**************************************
					•				**3378029 (8-SS-16081)**
	-			•					
		LINE 2-SI-566 (FIG NO A-41)							·
		•							
	113000		. B-J	PT	12SHP5050NDE001	Х	-	-	J.O. B78
	•	ELBOW TO PIPE	B9.40	-					
			- 4	n=	12SHP5050NDE001	v	_	_	J.O. B78
	113700	2-SI-566-13 COLLAR TO PIPE	8-K-1 B10.10	PT	125873030802001	^	_	_	0.0. 5.0
		COLLAR TO FIFE	510.10					7	T.
		,			400000000000000000000000000000000000000				1.0 079
	114700	2-SI-566-21	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. B78
_		VALVE TO PIPE	87.4U						• -

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COOK NUCLEAR PLANT UNIT 2 . SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

				CLAS	SS 1 COMPONENTS					
	SAFETY_I	INJECTION SYSTEM	•			N		0	•	
		4	ASHE			0	G	τ		
			SEC. XI				Ε			
	SUHHARY	EXAMINATION AREA	CATGY	EXAM		_	0		REMARKS	
	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С -	H	R -	**CALIBRATION BLOCK**	
		LINE 2-SI-567 (FIG NO A-42)								
	116200	2-51-567-10	B-J	PT	12SHP5050NDE001	x	-	-	J.O. 878	
	1	PIPE TO ELBOW	B9.40		લ					
,		LINE 2-SI-568 (FIG NO A-43)			ų					
						.,			1.0.070	
	119000	2-SI-568-02	B-J B9.40	PT	12SHP5050NDE001	Х	-	-	J.O. B78	
		PIPE TO VALVE	67.40		•					
									•	
1	9100	2-SI-568-03	B-J	PT	12SHP5050NDE001	x	_	-	J.O. B78	
		VALVE TO PIPE	B9.40						,	
				*						
		•								
	120800	2-SI-568-17	B-J	PT `:	12SHP5050NDE001	X	-	-	J.O. 878	
		ELBOW TO PIPE	B9.40	•					-	
			•							
		LINE 2-SI-569 (FIG NO A-44)								
						••			1 0 079	
	122900	2-SI-569-03	B-J B9.40	PT	12SHP5050NDE001	Х	-	-	J.O. B78	
		VALVE TO PIPE	B7.40		,	•				
	124100	2-SI-569-13	B-K-1	PT	12SHP5050NDE001	X	-	-	J.O. B78	
		COLLAR TO PIPE	B10.10							
		-								
		0 5/0 //		07	12SHP5050NDE001	v	_	_	J.O. B78	
	ູ 124400	2-SI-569-16 PIPE TO ELBOW	B-J B9.40	PT ,	120070000000	^	-	-	,	
		LILE IA EFBAN	J	•					•	

PAGE:

21

DATE: 01/16/91 ISION: 0 COOK NUCLEAR PLANT UNIT 2

SUHMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

SAFETY INJECTION SYSTEM

SUHMARY EXAMINATION AREA

ASHE O 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-SI-569 (FIG NO A-44)

125200 2-SI-569-21 B-J PT 12SHP5050NDE001 X - - J.O. B78

ELBOW TO PIPE B9.40

22

DATE: 01/16/91 EVISION:

COOK NUCLEAR PLANT UNIT 2

PAGE:

23

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1	200	MAGE	CUTC
CLASS I		7F (7) 1	EUIO

			CLA	33 I CONFORENTS				
CHEMICAL	AND VOLUME CONTROL SYSTEM							
					N		0	1
		ASHE			0	G	T	
		SEC. XI			R	E	н	
CHMMADY	EXAMINATION AREA	CATGY	EXAM					REHARKS
	IDENTIFICATION	ITEH NO		PROCEDURE				**CALIBRATION BLOCK**
nunber			UEINOD	PROCEDURE				
					-	-	-	
	LINE 2-CS-119_(FIG NO A-46A)			•				•
	LINE 2-03-119 (FIG NO A-40A)							
470500	2-cs-119-17	B-J	DT	12SHP5050NDE001	v			1.0 p70
130300	ELBON TO PIPE	B9.21	PI	ובטאטכטכונים	۸	-	-	J.U. 878
	ELBON TO PIPE	BA. 51						
								•
	1707 0 00 400 4770 00 4 470							
	LINE 2-CS-120 (FIG NO A-47)							
135700	2-CS-120-09	B-J	PT	12SHP5050NDE001	X	~	-	J.O. 878
	ELBOW TO PIPE	B9.21						
	LINE 2-CS-121 (FIG NO A-48)							
136900	2-cs-121-07 .	B-J	PT	12SHP5050NDE001	X	~	-	J.O. B78
	PIPE TO ELBOW	B9.21					•	
								•
	LINE 2-CS-687 (FIG NO A-49)							
137400	2-CS-687-D2	B-J	PT	12SHP5050NDE001	x	_	_	J.O. 878
151 455	PIPE TO ELBOW	B9.40	••	120111 90901102007	^			0.0. 2.0
	THE TO LEDON	47.70						
477000	2 00 407 04		0.7	420UDE0E0UDE004	v			1.0 079
15/800	2-cs-687-06	B-J	PT	12SHP5050NDE001	X	-	-	J.U. B10
	PIPE TO ELBOW ,	89.40						

DATE: 01/16/91 EVISION: 0

COOK NUCLEAR PLANT UNIT 2

24

PAGE:

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

RESIDUAL	L HEAT REMOVAL SYSTEM							*
					N		0	
		ASHE			0	G	T	
	•	SEC. XI			R	E	H	
SUHHARY	EXAMINATION AREA	CATGY	EXAH		Ε	0	E	REHARKS .
NUMBER	IDENTIFICATION	ITEM NO	HETHOD	PROCEDURE	C	H	R	**CALIBRATION BLOCK**
*					-	-	-	
	LINE 2-RH-32 (FIG NO A-58)							
148700 .	2-RH-32-04	B-J	PT	DCC-PT1/0/0/0	x			SWRI
	PIPE TO TEE	B9.11	UT45	DCC-UT31/0/0/0	-	X	-	
	·		UT45T		X	-	-	
								3378029 (8-SS-16081)
			r					•
	LINE 2-RH-33 (FIG NO A-59)							
150000	2-RH-33-14	B-J	PT	DCC-PT1/0/0/0	x	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/0/0/0	-	X	-	, '
•			UT45T		X	-	-	_
	•			•			•	**3378032 (14-ss-160-1.40)**



TEE TO PIPE

COOK NUCLEAR PLANT UNIT 2

PAGE:

25

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS	1	COMPONENTS

	WASTE D	ISPOSAL SYSTEM				41		^	
		EXAMINATION AREA	ASHE SEC. XI CATGY	EXAM		O R E	GEOU	T H, E	REMARKS **CALIBRATION BLOCK**
	NUMBER	- IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	с -	л -	R -	
4	151500	LINE 2-WD-821 (FIG NO A-61) 2-WD-821-03 VALVE TO PIPE	B-J B9.40	РТ	12SHP5050NDE001	x	-	-	J.O. B78
		LINE 2-WD-822 (FIG NO A-62)	-		,				
	152400	2-WD-822-08	B-J	PT	12SHP5050NDE001	X	-	-	J.O. B78

B9.40

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COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

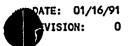
REACTOR COOLANT PUMP NO. 21 (FIGURE A-64)

ASHE GT SEC. XI E H E O E SUHHARY EXAMINATION AREA CATGY **EXAM** REMARKS NUMBER IDENTIFICATION ITEM NO HETHOD PROCEDURE CMR **CALIBRATION BLOCK**

PUMP FLYWHEEL

153500 FLYWHEEL OTU DCC-UT7/0/0/0 SWRI - UT OF BORE AND KEYWAYS. (IN PLACE) RG1.14

RC FLYWHEEL-CS-31-DCC



COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

REACTOR	COOLANT	PUNP	NO.	22	(FIGURE	<u>A-64)</u>

F		1		1	N		0	P
		ASHE			0	G	T	
	•	SEC. XI			R	Ε	H.	
SUMMARY	EXAMINATION AREA	CATGY	EXAM	ē	Ė	0	E	REHARKS
NUMBER	IDENTIFICATION	ITEM NO	HETHOD	PROCEDURE	C	H	R	**CALIBRATION BLOCK**
					-	-	-	
1	PUMP FLYWHEEL							•
	PORP PETWICE							js.
154200	FLYWHEEL		HT	DCC-HT1/0/0/0	X	-	-	SWRI
	(WHEN REHOVED)	RG1.14	PT	DCC-PT1/0/0/0	X	-	-	•
			UTO	DCC-UT49/0/0/0	X	_	-	
	•						5-	**RC FLYWHEEL-CS-31-DCC**

DATE: 01/16/91 REVISION: 0

COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

REACTOR	COOLANT	PUMP	<u>ю.</u>	23_(FIGURE A-64)

KEKOTOK	COCCATT TOTAL TOTAL CONTRACTOR	- : 1.			N		0	4
					N,		U	
		ASME			0	G	T	'
		SEC. XI	44		R	E	Н	
SUMMARY	EXAMINATION AREA	CATGY	EXAM	•	E	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEH NO	HETHOD	PROCEDURE	C	H	, R	**CALIBRATION BLOCK**
					-	-	-	
	• · · · · · · · · · · · · · · · · · · ·			•	*			
	PUNP FLYWHEEL							
	,			Dec 1174 (0.40.40	v			CUDT
154900	FLYWHEEL		HT	DCC-HT1/0/0/0	X	-	-	SWRI
	(WHEN REMOVED)	RG1.14	PT	DCC-PT1/0/0/0	X	-	-	
	·	=	UTO	DCC-UT49/0/0/0	X	-	-	
				,				**RC FLYWHEEL-CS-31-DCC**

PAGE:

28

DATE: 01/16/91 EVISION: 0 COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

REACTOR COOLANT PUMP NO. 24 (FIGURE A-64)

SUHMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASHE SEC. XI CATGY ITEM NO	EXAH HETHOD	PROCEDURE	N O R E C	E 0	H. E	REMARKS **CALIBRATION BLOCK**
	PUMP FLYWHEEL FLYWHEEL (IN PLACE)	 RG1.14	UTO	DCC-UT7/0/0/0	x	-	-	SWRI - UT OF BORE AND KEYWAYS

RC FLYWHEEL-CS-31-DCC

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COOK NUCLEAR PLANT UNIT 2

SUNHARY OF NONDESTRUCTIVE EXAMINATIONS

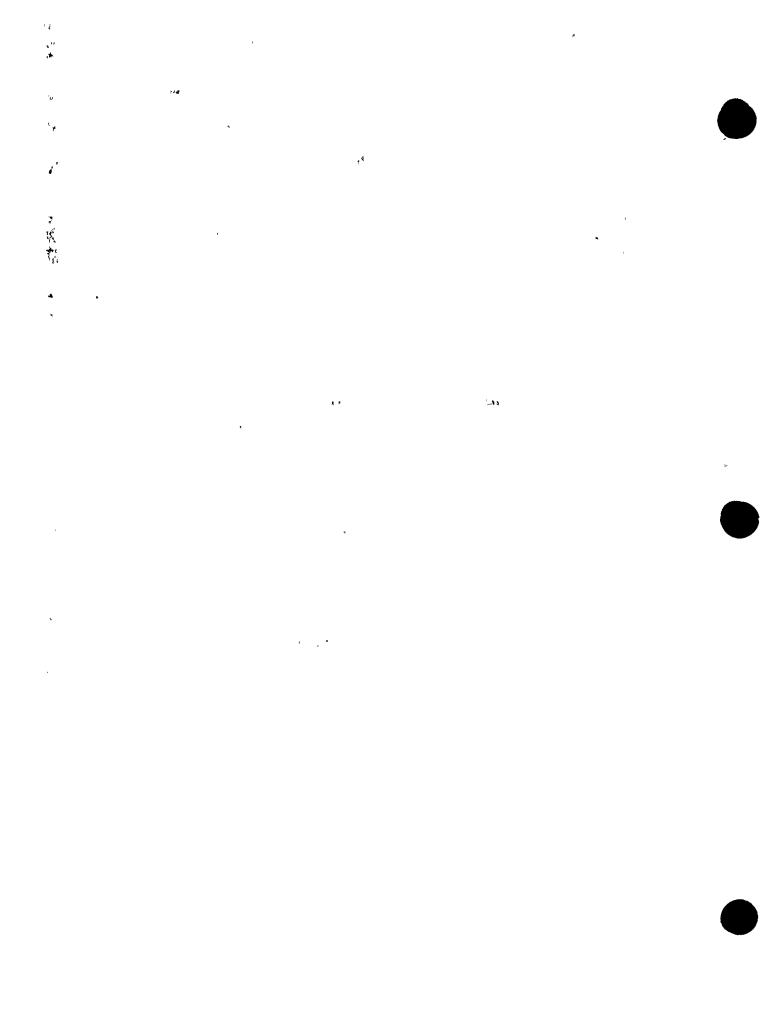
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL CLASS 1 COMPONENTS

DESCRIPE DETAINING POLITING /2" AND LESSY

SUNHARY	RESSURE RETAINING BOLTING (2° EXAMINATION AREA IDENTIFICATION	ASHE SEC. XI CATGY ITEH NO	EXAM METHOD	PROCEDURE	R E	G E O	H E	REMARKS **CALIBRATION BLOCK**
220100	LINE 2-RC-26 (FIG NO A-15) SV-45B FLANGE BOLTING	B-G-2 B7.70	VT-1	12SHP5050NDE006	x	-	•	J.O. 878
220300	LINE 2-SI-56 (FIG NO A-33) SI-166-1 FLANGE BOLTING	B-G-2 B7.70	VT-1	12shp5050NDE006	x	•	-	J.O. B78
0500	SI-170-L1 FLANGE BOLTING	B-G-2 B7.70	, VT-1	12SHP5050NDE006	X	•	-	J.O. 878
220550	LINE 2-SI-57 (FIG NO A-34) SI-161-L2 FLANGE BOLTING	B-G-2 B7.70	 VT-1	12shp5050nde006	x	-	-	J.O. B78
220750	LINE 2-SI-58 (FIG NO A-35) SI-161-L3 FLANGE BOLTING	B-G-2 87.70	VT-1	12SHP5050NDE006	x	-	-	J.O. B78
220800	SI-166-3 FLANGE BOLTING	B-G-2 B7.70	VT-1	12SHP5050NDE006	x	-	-	J.O. 878
220900	SI-170-L3 FLANGE BOLTING	B-G-2 B7.70	VT-1	12SHP5050NDE006	x	-	-	J.O. B78

PAGE:

30



DATE: 01/16/91 EVISION: 0

COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

VALVE P	RESSURE RETAINING BOLTING (2"	AND LESS)		h			0	
-		ASME			N	G	T	-
	•	SEC. XI			-	-	Н	
SUHHARY	EXAMINATION AREA	CATGY	EXAN		E	0	Ė	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	c -	H -	R -	**CALIBRATION BLOCK**
	LINE 2-SI-60 (FIG NO A-37A)			E				•
221450	SI-158-L4	B-G-2	VT-1	12SHP5050NDE006	x	_	-	J.O. B78
,	FLANGE BOLTING	B7.70						
•	LINE 2-SI-61 (FIG NO A-38)							•
٠	ENC CONC. (1.10 NO N. DO)							
221500	SI-158-L1	B-G-2 B7.70	VT-1	12SHP5050NDE006	X		-	J.O. B78
	FLANGE BOLTING	87.70	•	-				•
N	LINE 2-RH-32 (FIG NO A-58)			•				•
22300	RH-133	B-G-2	VT-1	12SHP5050NDE006	χ.	_	_	J.O. B78
,	FLANGE BOLTING	B7.70	····	140111 00001102000	•		4	
•					1			
	LINE 2-RH-33 (FIG NO A-59)							
222400	IHO-128	B-G-2 B7.70	VT-1	12SHP5050NDE006	X	-	-	J.O. B78
	FLANGE BOLTING	81.10						

PAGE:

31

DATE: 01/16/91 EVISION: 0 COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

ALOYCO SWING	CHECK	VALVES	(O- NONINAL)	

						N		0		
			ASHE			0	G	T		
			SEC. XI			R	Ε	H		
	SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS	
		IDENTIFICATION .	ITEH NO	HETHOD	PROCEDURE	С	H	R	**CALIBRATION BLOCK**	
		******************				-		-	1	
		LINE 2-SI-60 (FIG NO A-37A)								
*	225050	SI-158-L4 VALVE BODY INTERNAL SURFACE	B-H-2 B12.50	VT-3	12SHP5050NDE006	-	-	X	J.O. BOO4670/BOO0021 - COMPLETED 1-15-90, DURING SURVEILLANCE OUTAGE. SAME CONDITION AS FOUND AND EVALUATED DURING THE 1988 RFO.	
	1	LINE 2-SI-61 (FIG NO A-38)								
	225200	SI-158-L1 VALVE BODY INTERNAL SURFACE	B-H-2 B12.50	VT-3	12SHP5050NDE006	<i>.</i> -	-	x	J.O. B004670/B000021 - COMPLETED 1-15-90, DURING SURVEILLANCE OUTAGE. SAME CONDITION AS FOUND AND EVALUATED DURING THE 1988 RFO.	

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COOK NUCLEAR PLANT UNIT 2

PAGE:

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL CLASS 2 COMPONENTS

STEAM GENERATOR NO. 21 (FIGURE B-1)

STEAM_G	ENERATOR NO. 21 (FIGURE B-1)			Ť				
					N		0	
		ASHE '		•	. 0			•
		SEC. XI		•	R		H,	
	EXAMINATION AREA	CATGY	EXAM		_	0	_	REMARKS
	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	H	R	**CALIBRATION BLOCK**
				***************************************	-	-	-	
	NOZZLE TO SHELL AND SHELL TO	NOZZLE WEL	<u>.DS</u>					
300080	STM-21-MSN	С-В	нт	DCC-HT1/0/0/0	x	_	_	SWRI
	SHELL TO NOZZLE	c2.21	UTOL	DCC-UT49/0/0/0	X		_	•
	•		UTOW	4	X	-	-	Ť
,	•		UT45	DCC-UT15/0/0/0	X	_	_	•
			UT45T	•	X	-	-	**PL-3.0-CS-22-DCC**
			UT60		X	-	-	
			TO91U		X	-	-	
	INSIDE RADIUS SECTIONS							
	THE PAULUS SECTIONS		•					•
300090	STM-21-FWN-IRS	C-B	UT25	DCC-UT11/0/0/0	х	_	_	SWRI
	2.00 20 2.00	C2.22	UT30		. X		_	
				•				**IR-CS-33-DCC**
±	•	-						
300100	STH-21-HSN-IRS	C-B	UT30	DCC-UT11/0/0/0	x	_	_	SWRI
	•	C2.22		*				

IR-CS-33-DCC

DATE: 01/16/91

COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

CHEHICAL AND VOLUME CONTROL TANK (FIGURE B-6)

				•	N		0	•
	•	ASHE			0	G	Т	
		SEC. XI			R	Ε	Н	
SUKHARY	EXAMINATION AREA	CATGY	EXAH		E	0	E	REMARKS
NUKBER	2	ITEM NO	METHOD	PROCEDURE	С	н	R	**CALIBRATION BLOCK**
					-	-	-	
	CIRCUMFERENTIAL WELDS							•
300630	2-cvct-2	C-A	UTOL.	DCC-UT49/0/0/0	x	-	_	SWRI - LIMITED EXAM FROM THE LOWER HEAD
	SHELL TO LOWER HEAD	C1.20	UTOW		X	-	-	SIDE DUE TO WELDED LEG SUPPORTS.
			UT45	DCC-UT26/0/0/1	-	X	-,	•
			UT45T	•	X	_	-	
1	T.		UT45TAN		X	-	-	**PL312-SS-23R-DCC**
	f •			,				
	INTEGRALLY WELDED VESSEL SUPPO	ORTS						•
300650	2-CVCT-2VS-4, 5, & 6	C-C C3.10	PT	12SHP5050NDE001	x	-	-	J.O. B78

*' 1. No. •

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DATE: 01/16/91 EVISION: 0 COOK NUCLEAR PLANT UNIT 2
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

PAGE: 35

CTS HEAT EXCHANGER EAST (FIGURE 8-7)

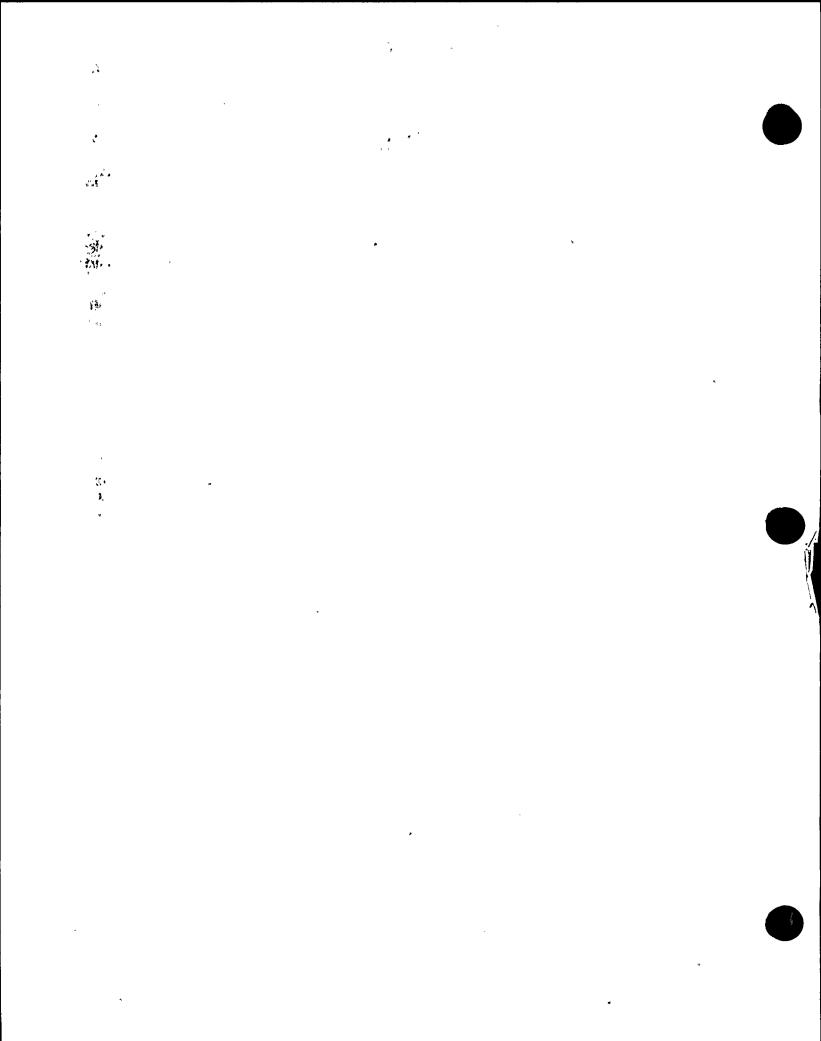
			9		N		0	1
F		ASHE			0	G	T	p. d
		SEC. XI			R	E	H	,
SUNNARY	EXAMINATION AREA	CATGY	EXAM		E	0	Ë	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	H	R	**CALIBRATION BLOCK**
	~~~				-	-	-	
	CIRCUMFERENTIAL WELDS			,		41		
300671	E-CTSHEX-1	C-A	UTOL	DCC-UT49/0/0/0	X	-	_	SWRI - LIMITED EXAM FORM THE SHELL SIDE
	TUBE SHEET TO SHELL	C1.30	UTOW	DCC-UT49/0/0/1	X	-	-	DUE TO INLET AND OUTLET NOZZLES.
	•		UT45	DCC-UT45/0/0/0	-	X	-	•
	•		UT45T		-	X	-	
			UT60		X	-	-	**SS-25-DCC/CS-37-DCC**

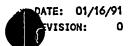


#### COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL CLASS 2 COMPONENTS

AGE:	,	3	6

RHR_HEA	T EXCHANGER EAST (FIGURE B-8)							
					N		0	
		ASHE			0	G	T,	
		SEC. XI			R	E	H	
SUHMARY	EXAMINATION AREA	CATGY	EXAM		Ε	0	E	REHARKS
NUMBER	IDENTIFICATION	ITEM NO	HETHOD	PROCEDURE	С	H	R	**CALIBRATION BLOCK**
					-	-	-	
	CIRCUMFERENTIAL WELDS							
300689	E-RHRHEX-1	C-A	UTOL	DCC-UT49/0/0/0	x	_	-	SWRI - LIMITED EXAM FROM THE SHELL SIDE
	FLANGE TO SHELL	C1.10	UTOW	DCC-UT49/0/0/1	X	-	_	DUE TO INLET/OUTLET NOZZLES. LIHITED
	*		UT45	DCC-UT45/0/0/0	X	_	-	EXAM FROM THE FLANGE SIDE DUE TO FLANGE
			UT45T		X	_	_	CONFIGURATION.
	*		UT60		X	_	-	**PL-1.000-SS-27-DCC**
			UT60T		X	-	-	





COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

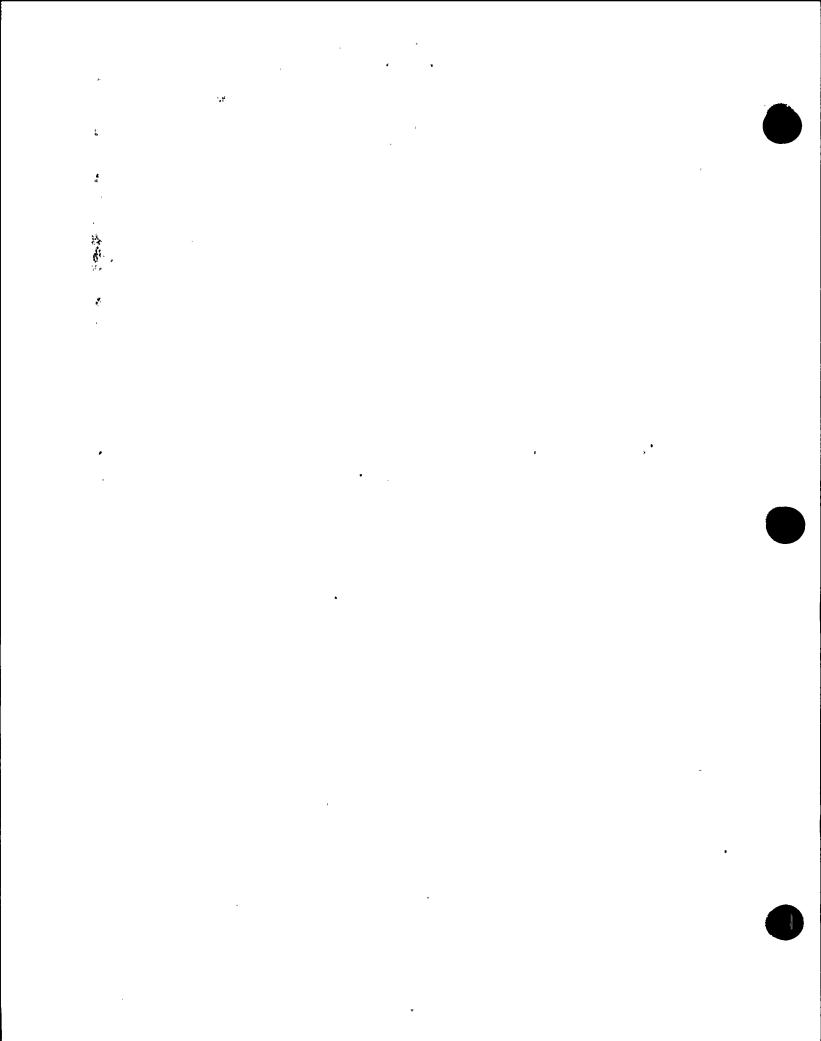
CLASS 2 COMPONENTS

RHR HEAT EXCHANGER WEST (FIGURE B-8A)

KUK UCA	EXCHANGER WEST (1700HE G-ON)							
-				-	N		0	
		ASHE			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**.
				************	-	-	-	
	NOZZLE TO SHELL AND SHELL TO	NOZZLE WEI	LDS	•				
								ı
300790	W-RHRHEX-OUT	C-B	PT	DCC-PT1/0/0/0	X	-	-	SHRI - LIMITED EXAM DUE TO THE PROXIMITY
	SHELL TO NOZZLE	c2.21	UTOL	DCC-UT49/0/0/0	X	_	-	OF W-RHRHEX-1 AND W-RHRHEX-2. NO EXAM
			UT45	DCC-UT45/0/0/0	-	X	<b>-</b> '	NOZZLE SIDE DUE TO CONFIGURATION.
			UT45T		Х	_	_	
			UT60		х	_	_	**PL-1.000-SS-27-DCC**
			UT60T	•	X	-	-	
-								•
	INTEGRALLY WELDED VESSEL SUPP	ORTS	•	ė				
300830	W-RHRHEX-2VS	C-C	PT	12SHP5050NDE001	x	-	_	J.O. B78 - LIMITED EXAMINATION (11% OF
, ,	VESSEL SUPPORT	c3.10						WELD NOT EXAMINED) DUE TO PROXIMITY OF SUPPORT STRUCTURE.

PAGE:

37



DATE: 01/16/91

#### COOK NUCLEAR PLANT UNIT 2

PAGE:

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

1	BORON I	NJECTION TANK (FIGURE B-9)			•				
						N		0	
			ASHE			0	G	T	
			SEC. XI			R	E	Н	<b>A</b>
:	SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	* REMARKS
i	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	Н	R	**CALIBRATION BLOCK**
						-	-	-	
		•							
		CIRCUMFERENTIAL WELDS							
				ŧ .					
:	300840	2-BIT-A	C-A	UTOL	DCC-UT49/0/0/0	X	-	-	SWRI
		SHELL TO LOWER HEAD	C1.20	WOTU	DCC-UT15/0/0/1	X	-	-	
		•		UT45	Ē.	X	-	-	
				UT45T		X	-	-	•
				UT60		X	_	-	**PL-3.0-CSCL-4-DCC**
	•	•		UT60T		X	-	-	
									•
		•	1000						
	ā	INTEGRALLY WELDED VESSEL SUPPO	<u>rts</u>						*
		•							
:	300910	2-BIT-VS-2	C-C	HT	12SHP5050NDE002	X	-	-	J.O. B78

c3.10

PATE: 01/16/91 EVISION:

COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL CLASS 2 COMPONENTS

PAGE: 39

<b>EHERGENCY</b>	CORE	COOLING

EMERGEN	CY CORE COOLING				11		^	
	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEN NO	EXAM METHOD	PROCEDURE	R	G E O H	H, E	REMARKS **CALIBRATION BLOCK**
	LINE 2-SI-7 (FIG NO B-10)	•	•					
310310	2-SI-7-31F · ELBOW TO PIPE	C-F C5.11	PT	12SHP5050NDE001	x	-		J.O. B78
310400	2-SI-7-39F TEE TO VALVE	C-F C5.11	PT .	12SHP5050NDE001	x	-	-	J.O. B78
•	LINE 2-SI-8 (FIG NO B-11)			•				•
10730	2-SI-8-31F ELBOW TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. B78
	LINE 2-SI-9 (FIG NO B-12)		p.					•
311070	2-SI-9-21S PIPE TO ELBOW	C-F C5.11	PT .	12SHP5050NDE001	<b>X</b>	-	•	J.O. B78
1	LINE 2-SI-58 (FIG NO B-15)				•			
311350	2-SI-58-04S PIPE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J,O. B78
•	LINE 2-SI-60 (FIG NO B-17 & B	: <u>-1)</u>						•
311650	2-SI-60-09S PIPE TO ELBOW	C-F C5.21	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/0/0/0 DCC-UT31/0/0/0		-	-	SURI

**3378029 (8-SS-160-.81)**

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DATE: 01/16/91 EVISION: 0

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#### COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

			CLA	SS 2 COMPONENTS				•
EMERGEN	CY CORE COOLING						_	•
				,	N		Ό	•
		ASHE			0	G		
		SEC. XI			R	E	•	P
	EXAMINATION AREA	CATGY	EXAM		E		E	REMARKS
NUMBER	IDENTIFICATION 1	ITEM NO	METHOD	PROCEDURE	C	H	R	**CALIBRATION BLOCK**
	,				-	-	-	
	LINE 2-SI-60 (FIG NO B-17 & B	<u>-1)</u>		e e e e e e e e e e e e e e e e e e e				•
311710	2-SI-60-16F	C-F	PT	DCC-PT1/0/0/0	х	_	_	SWRI
511115	PIPE TO ELBOW >	C5.21	UTOL	DCC-UT49/0/0/0	X		_	
•	Tare to cason		UT45	DCC-UT31/0/0/0	X		_	
			UT45T	000 0.0., 0, 0, 0	X		_	,
					••		•	**3378029 (8-SS-16081)**
•				ıt				
311880	2-SI-60-33S	C-F	PT	DCC-PT1/0/0/0	X.	-	-	SWRI
	TEE TO PIPE	C5.21	UTOL	DCC-UT49/0/0/0	X	-	-	
			UT45	DCC-UT31/0/0/0	X	-	-	·
	•		UT45T		X	-	-	•
								**3378029 (8-ss-16081)**
,	LINE 2-SI-62 (FIG NO B-19 & B	<u>-2)</u>						
312010	2-SI-62-09F	C-F	PT	DCC-PT1/0/0/0	х	_	_	SWRI
0.20.0	PIPE TO ELBOW	c5.21	UTOL	DCC-UT49/0/0/0		_		
			UT45	DCC-UT31/0/0/0		х		
			UT45T			_		· ·
	,							**3378029 (8-SS-16081)**
	•							
312290	2-SI-62-33S-PL 1 THROUGH 4 PIPE LUG	c-c c3.20	PT	12SHP5050NDE001	Х	-	-	J.O. B78
	LINE 2-SI-76 (FIG NO B-21)		•	4				
312390	2-SI-76-09F	C-F	PT	DCC-PT1/0/0/0	х	_	_	SWRI
	PIPE TO ELBOW	C5.21	UTOL	DCC-UT49/0/0/0	X	-	_	
	-		UT45	DCC-UT31/0/0/0	X	_	-	
			UT45T	<del></del>	X	_	_	
								**3378028 (6-ss-16071)**
			-	ų				
	LINE 2-SI-77 (FIG NO B-22)			• 4				•
	A 77 A74			DOC DT4 /0 /0 /0	v		_	CUDT
312510	2-SI-77-07F	C-F	PT	DCC-PT1/0/0/0	Λ 	-	-	. SWRI ⁴

DCC-UT49/0/0/0

DCC-UT31/0/0/0

C5.21

UTOL UT45

UT45T

x - -

X - -

X - -

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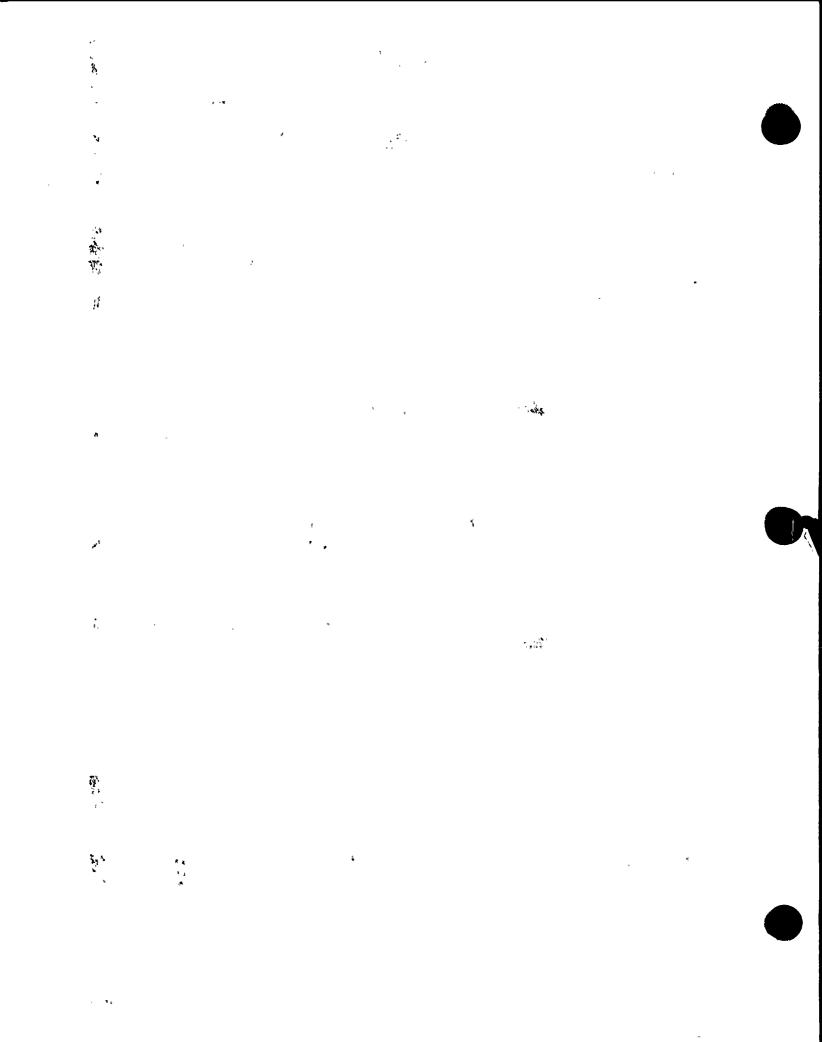
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DATE: 01/16/91 EVISION:

#### COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL CLASS 2 COMPONENTS

PAGE:

	=		CLA	35 & CONFUNENTS				
	CY CORE COOLING							
,					N		0	
		ASHE		1		G		
		SEC. XI		•		E	•	
	EXAMINATION AREA	CATGY	EXAM		_		E	REMARKS
NUMBER	IDENTIFICATION	ITEH NO	HETHOD	PROCEDURE	C	H	R	**CALIBRATION BLOCK**
				,	-	-	•	A
	LINE 2-SI-79 (FIG NO B-24 & B	<u>-2)</u>						
312800	2-SI-79-05F-PL 1 THROUGH 4	c-c	PT	12SHP5050NDE001	X	-	_	J.O. B78
	PIPE LUG	c3.20		•				•
						5		
				200 274 00 00 00	v			CURT I THITTEN EVAN EDAN THE DANINGTORAN
312810	2-SI-79-06S	Ç-F	PT	DCC-PT1/0/0/0 DCC-UT49/0/0/1			-	
	ELBOW TO PIPE	C5.21	UTOL * UT45	DCC-UT31/0/0/0		_	-	SIDE DUE TO FIFE SUFFORT.
			UT45T	000-0131/0/0/0		-		
					^	_	_	**3378029 (8-SS-16081)**
۴.		•						(C 10 100 100)
1								
12820	2-SI-79-06S-PL 1 THROUGH 4	C-C	PT	12SHP5050NDE001	X	-	-	J.O. B78 - 3 OUT OF 8 PIPE LUG WELDS
	PIPE LUG	c3.20						WERE INACCESSIBLE DUE TO THE CLOSE
		_						PROXIMITY OF SUPPORT MEMBERS.
								,
	LINE 2-RH-14 (FIG NO B-26)							
3	E1115 2-111-14 (110-10-10-10-10-10-10-10-10-10-10-10-10-							
313170	2-RH-14-14S	C-F	PT.	12SHP5050NDE001	X	-	-	J.O. B78
	ELBOW TO PIPE	C5.11						
								<u>.</u>
	LINE 2-RH-15 (FIG NO B-27)							_
	Like 2-kn-13 (Fig No B-27)							
313440	2-RH-15-12F	C-F	PT	12SHP5050NDE001	X	_	-	J.O. 878
0.01.0	ELBOW TO PIPE	C5.11						
	at .							
	0 4/ 4F40 NO D 20)							
-	LINE 2-RH-16 (FIG NO B-28)							
313750	2-RH-16-12S	C-F	PT	12SHP5050NDE001	х	-	_	J.O. B78
	ELBOW TO VALVE	C5.11	• •					
•				•				
								•
13860		C-F	PT	12SHP5050NDE001		-	-	J.O. B/8
	PIPE TO ELBOW	c5.11			Þ			



DATE: 01/16/91 EVISION: 0

### COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL CLASS 2 COMPONENTS

PAGE: 42

	EMERGENC	CY CORE COOLING	•			N		o.	
							_	-	-
			ASHE			0			
		•	SEC. XI			R		•	'
	SUMMARY	EXAMINATION AREA	CATGY	EXAM		_	_	E	
	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C,	H	R	**CALIBRATION BLOCK**
		************				-	-	, <b>-</b>	
		LINE 2-RH-16 (FIG NO B-28)							•
									b
	313890	2-RH-16-26F	C-F	PT	·12SHP5050NDE001	X	-	-	J.O. B78
		ELBOW TO VALVE	C5.11						e e
		-							
				ę					•
		-							
	1 1	LINE 2-RH-17 (FIG NO B-29)			•				
		•							
	313960	2-RH-17-08S	C-F	PT	12SHP5050NDE001	X	-	-	J.O. B/8
		PIPE TO ELBOW	C5.11						
1			•		-				•
:1									
		LINE 2-RH-18 (FIG NO B-30)							
					40000000000000004	v			J.O. B78 - ADDITIONAL EXAMINATION
73.	314200	2-RH-18-16S	C-F	PT	12SHP5050NDE001	X	-	-	J.U. B/8 - ADDITIONAL EXAMINATION
j.		PIPE TO ELBOW	C5.11						
		•							
		•							•
	74/040	0 00 40 475	C-F	PT	12SHP5050NDE001	v	_	_	J.O. B78 - ADDITIONAL EXAMINATION .
	314210	2-RH-18-17F	C5.11	r.	1231170701102001	^			
		ELBOW TO PIPE	63.11						,
		ı							
	314220	2-RH-18-18F	C-F	PΤ	12SHP5050NDE001	х	_	_	J.O. B78
	317220	PIPE TO VALVE	C5.11	- •	<b>V_0</b> 0 = 1 = 1 = 1				
			******	-	•				•
			,						
	314240	2-RH-18-20S	C-F	PT	12SHP5050NDE001	X	-	-	J.O. B78 - ADDITIONAL EXAMINATION
	0.1010	PIPE TO ELBOW	C5.11						•
•									
		•							
*									A
	314260	2-RH-18-21S	C-F	PT	12SHP5050NDE001	X	-	-	J.O. B78 - ADDITIONAL EXAMINATION
		ELBOW TO ELBOW	C5.11						
									i.

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DATE: 01/16/91 EVISION: 0 COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

EMERGENCY	CODE	$\sim$	TMC
EMERGENCI	LUKE	COL	.ing

EMERGEN	CY CORE COOLING						_	
	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM HETHOD	PROCEDURE	R E	G E O H	H	REMARKS **CALIBRATION BLOCK**
e	LINE 2-RH-18 (FIG NO B-30)							
314270	2-RH-18-22S ELBOW TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. B78 - ADDITIONAL EXAMINATION
	LINE 2-RH-19 (FIG NO B-31)							•
314520	2-RH-19-12F TEE TO PIPE	C-F C5.11	PT	12SHP5050NDE001	x	-	-	J.O. B78 - ADDITIONAL EXAMINATION
114590	2-RH-19-19F PIPE TO ELBOW	C-F C5.11	PΥ	12SHP505ONDE001	x	-	-	J.O. B78 - ADDITIONAL EXAMINATION
314600	2-RH-19-20S ELBOW TO PIPE	C-F C5.11	PT	12SHP5050NDE001	x	•	-	J.O. B78 - ADDITIONAL EXAMINATION
314610	2-RH-19-21F PIPE TO VALVE	C-F C5.11	PT	12SHP5050NDE001	x	-	-	J.O. B78
314630	2-RH-19-23S PIPE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. B78 - ADDITIONAL EXAMINATION
314640	2-RH-19-24S ELBOW TO ELBOW	C-F c5.11	PT	12SHP5050NDE001	x	-	-	J.O. B78 - ADDITIONAL EXAMINATION
314730	2-RH-19-36S ELBOW TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	x	-	-	J.O. B78

PAGE:

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DATE: 01/16/91 EVISION: 0

# COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL CLASS 2 COMPONENTS

PAGE: 4

				, 00	<b></b>				
	EMERGENO	CY CORE COOLING				N		0	
			ASHE				G	_	
			SEC. XI			-	E	-	
	CHUMADY	EXAMINATION AREA	CATGY	EXAM				E	REMARKS
		IDENTIFICATION	ITEM NO		PROCEDURE	С	H	R	**CALIBRATION BLOCK**
	HOHDEK					_	-	-	
		LINE 2-RH-20 (FIG NO B-32)	•						
	314770	2-RH-20-02S	C-F	PT	12SHP5050NDE001	X	_	_	J.O. B78
	514110	TEE TO PIPE	C5.11	• •					
		•		*					
	31/700	2-RH-20-03F	C-F	PT	12SHP5050NDE001	x	_	_	J.O. B78 - ADDITIONAL EXAMINATION
		TEE TO PIPE	C5.11	••		••			
				=					
			0.5	<b>0.</b>	420U0E0E0U0E001	v		_	J.O. B78 - ADDITIONAL EXAMINATION
	314790	2-RH-20-04S PIPE TO PIPE	C-F C5.11	PT	12507000000001	^	•	_	0,0, BIO - ADDITIONAL EXCUSION
		PIPE TO PIPE	63.11						•
						•			
									, , , , , , , , , , , , , , , , , , , ,
	314800	2-RH-20-05S	C-F	PT	12SHP5050NDE001	Х	-	-	J.O. B78 - ADDITIONAL EXAMINATION
		PIPE TO PIPE	c5.11	*	*				•
	314820	2-RH-20-07S	C-F	PT	12SHP5050NDE001	X	-	-	J.O. B78 - ADDITIONAL EXAMINATION
	•	ELBOW TO PIPE	C5.11						
									•
		-							
	314840	2-RH-20-09F	C-F	PT	12SHP5050NDE001	X	-	-	J.O. B78 - ADDITIONAL EXAMINATION
	ц	ELBOW TO VALVE	c5.11					-	
		-							•
	314880	2-RH-20-12S	C-F	PT	12SHP5050NDE001	-	-	X	J.O. B78 - TWO INDICATIONS WITH
		PIPE TO ELBOW	c5.11						DIMENSIONS OF UP TO .25". INDICATIONS
		-							WERE REMOVED AND WELD WAS REEXAMINED.
		•					-		
•		LINE 2-RH-21 (FIG NO B-33)							
_	_				400UDF0F0UD=004	.,			LA 079
	315050	2-RH-21-02S	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.U. BIO
		TEE TO PIPE	62.11		,				No.

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COOK NUCLEAR PLANT UNIT 2
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

PAGE: 45

EMERGEN	CY CORE COOLING			P	N		0	•
	EXAMINATION AREA IDENTIFICATION	ASHE SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	R	G E O H	H	REMARKS **CALIBRATION BLOCK**
	LINE 2-RH-22 (FIG NO B-34)		4					
242422	•	C-F	PT	12SHP5050NDE001	v	_	_	J.O. B78
315400	2-RH-22-06S ELBOW TO PIPE	c5.11	rı	IZSRF JUJUNUZGO I	^	_		
	LINE 2-RH-23 (FIG NO B-35)		φ					
315610	2-RH-23-08S	C-F	PT	12SHP5050NDE001	x	-	-	J.O. B78
	ELBOW TO PIPE	C5.11					•	
A	LINE 2-RH-24 (FIG NO B-36)			•				
315740	2-RH-24-03S	C-F'	PT	12SHP5050NDE001	X	-	-	J.O. B78
	ELBOW TO PIPE	63.11	:	ŀ				•
315760	2-RH-24-05F	C-F	PT	12SHP5050NDE001	-	_	х	J.O. B78 - ONE CODE ALLOWABLE INDICATION
313100	VALVE TO PIPE	c5.11	•					NOTED.
	LINE 2-RH-31 (FIG NO B-37 & B-	<u>-3)</u>						
315840	2-RH-31-01F	C-F	PT	12SHP5050NDE001	_	-	x	J.O. B78 - THREE INDICATIONS WITH
	PENETRATION TO REDUCER	c5.11	* 4	,				DIMENSIONS OF UP TO .25" NOTED. INDICATIONS WERE REMOVED AND THE WELD WAS REEXAMINED.
. 245000	2-RH-31-06S	C-F	PT	12SHP5050NDE001	x	_	_	J.O. B78
212070	E-101-01-000	OF 44						

C5.11

ELBOW TO PIPE

TE: 01/16/91

COOK NUCLEAR PLANT UNIT 2
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

PAGE:

CHEMICAL	AND	VOLUME	CONTROL	SYSTEM

PIPE TO REDUCER

SUHMARY NUMBER	•	ASHE SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	R E	0	H , E	REMARKS **CALIBRATION BLOCK**
	**********************				-	-	-	
	LINE 2-CS-79 (FIG NO B-41)		ŧ					
316160	2-CS-79-05S ELBOW TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	•	J.O. B78
	•			•				
316170	2-cs-79-06s	C-F	· PT	12SHP5050NDE001	x	-	-	J.O. B78

C5.11

100 miles » 1* ¥ **s** . Ę, 4 ĭ Y 5  $\bar{p}$ *** ...

DATE: 01/16/91 VISION: 0 COOK NUCLEAR PLANT UNIT 2

PAGE:

#### SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

				C	LASS 2 COMPONENTS				
<u>c</u>	ONTAIN	HENT SPRAY SYSTEM							
						N,		0	
			ASHE			0	G	T	
			SEC. XI			R	E	Н	
· s	UHHARY	EXAMINATION AREA	CATGY	EXAM	,	E	0	Ε,	REMARKS .
N	UHBER	IDENTIFICATION	ITEM NO	HETHOD	PROCEDURE	С	H	R	**CALIBRATION BLOCK**
-						_	_	-	,
		,			1				
		LINE 2-CTS-10 (FIG NO B-44)							
3	16420	2-CTS-10-01F	C-F	PT	12SHP5050NDE001	X	-	-	J.O. B78 - ADDITIONAL EXAMINATION
		PUMP TO REDUCER	C5.11						
£		h							•
3	16430	2-CTS-10-02S	C-F	PT	12SHP5050NDE001	X	-	-	J.O. B78 - ADDITIONAL EXAMINATION
	•	REDUCER TO PIPE	C5.11					•	
									•
3	16460	2-cts-10-04F	C-F	PT	12SHP5050NDE001	X	_	_	J.O. B78 - ADDITIONAL EXAMINATION
		VALVE TO TEE	C5.11		•	,			4
		•							
									d
3		2-CTS-10-06S	C-F	PT	12SHP5050NDE001	X	-	-	J.O. B78 - ADDITIONAL EXAMINATION
		PIPE TO ELBOW	C5.11		•				
					*				
					*				
. 4	16570	2-cts-10-15s	C-F	PT	12SHP5050NDE001	Y	_	_	J.O. B78 - ADDITIONAL EXAMINATION
-		ELBOW TO PIPE	C5,11		120111-30301102001	^	_	_	A.O. DIO - VODELEGING PARISHMESON
									•
3	16580	2-cts-10-16s	C-F	PT	DCC-PT1/0/0/0	x	_	_	SWRI
Ī			C5.11	UTOL	DCC-UT49/0/0/0			-	
			,	UT45	DCC-UT35/0/0/0				
				UT45T	3,-,-,-,-		-		
						•••			**10-ss-40365-26-DCC**
									•
		LINE 2-CTS-11 (FIG NO B-45)							
		Manual R. 410-11 (1.00 HA D-40)							
3	16760	2-cts-11-02s	C-F	PT	12SHP5050NDE001	X	-	-	J.O. B78 - ADDITIONAL EXAMINATION
		REDUCER TO PIPE	C5.11		•				f

, C5.11

REDUCER TO PIPE

** 10 mm TO THE PARTY OF TH **3 ,** Mar. , **4** ** 76 17 2

DATE: 01/16/91 EVISION: 0

#### COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

				CLA	ASS 2 COMPONENTS				· ·
	CONTAINE	HENT SPRAY SYSTEM							
						N		0	
			ASHE				G		
			SEC. XI				Е		
	SUMMARY	EXAMINATION AREA	CATGY	EXAM		_	0		REMARKS
	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
						-	-	-	
		LINE 2-CTS-11 (FIG NO B-45)							•
				-	400005050005004	.,	1		J.O. 878 - ADDITIONAL EXAMINATION
÷	316780	2-CTS-11-04F	C-F	PT	12SHP5050NDE001	Х	-	-	J.U. 8/8 - ADDITIONAL EXAMINATION
	-	ELBOW TO VALVE	C5.11						
	,								
	316920	2-cTS-11-08S	C-F	PT	12SHP5050NDE001	x	_	_	J.O. B78
	310020	REDUCER TO PIPE	c5.11	• •	100111 5-25-11-21-21				
		REDUCER TO FIFE	05111						,
-									
	316830	2-CTS-11-09F	C-F	PT	DCC-PT1/0/0/0	X	٠_	٠.	SWRI
		PIPE TO VALVE	-c5.11	UTOL	DCC-UT49/0/0/0	X	-	-	
đ		•		UT45	DCC-UT35/0/0/1	X	_	-	
				UT45T		X	-	-	
	,	•							**6-SS-40-,280-28-DCC**
	-								
	316920	2-CTS-11-17F	C-F	PT	12SHP5050NDE001	X	-	-	J.O. B78 - ADDITIONAL EXAMINATION
		PIPE TO PIPE	c5.11						
				4	,				•
			_	,	40000505000504	.,			J.O. B78 - ADDITIONAL EXAMINATION
	316930	2-CTS-11-18S	C-F	PT	12SHP5050NDE001	Х	-	-	J.O. B/8 - ADDITIONAL EXAMINATION
		PIPE TO FLANGE	C5.11						
		0 44 400		DT	12SHP5050NDE001	v	_	_	J.O. B78 - ADDITIONAL EXAMINATION
	316940	2-CTS-11-19S	C-F C5.11	PT	123073030000001	^	Ī	_	Old: Did - Nobiliania Indiana
	ts.	FLANGE TO PIPE	65.11	,			-		•
		•							
		LINE 2-CTS-12 (FIG NO B-46)			-			F	4
		0 000 40 075	C 5	DT	DCC-PT1/0/0/0	Y	_	_	SWRI
	. 317100	2-CTS-12-03F	C-F C5.11	PT UTOL	DCC-UT49/0/0/0	X	_	-	
		VALVE TO PIPE	65,11	UT45	DCC-UT35/0/0/1		_	-	•
	y			0143	200-0133/0/0/1	^	_	_	

UT45T

**8-SS-40-.322-17-DCC**

PAGE:

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DATE: 01/16/91 EVISION: 0 COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

,			CLASS 2 COMPONENTS									
	CONTAINE	MENT SPRAY SYSTEM				N		0				
			ASME			0	G	T				
			SEC. XI				Ε					
	SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS			
	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С -	H -	R -	**CALIBRATION BLOCK**			
		LINE 2-CTS-13 (FIG NO B-47)										
	317300	2-cts-13-03s	C-F	PT	12SHP5050NDE001	x	_	_	J.O. 878			
	0,,,,,,	ELBOW TO PIPE	c5.11									
-	317310	2-CTS-13-04F	C-F	, PT	DCC-PT1/0/0/0	x	_	-	SWRI			
		PIPE TO VALVE	C5.11	UTOL	DCC-UT49/0/0/0	X	-	-				
				UT45	DCC-UT35/0/0/1	X	-	-				
				UT45T		X	-	- 1	• ,			
	-			•					**10-SS-40365-26-DCC**			
	K17390	2-cts-13-12s	C-F	PT	12SHP5050NDE001	x	_	_	J.O. B78 - ADDITIONAL EXAMINATION			
		PIPE TO ELBOW	C5.11									
-		B.										
ţ			-									
	317400	2-cts-13-13s	C-F	PT	12SHP5050NDE001	X	-	-	J.O. B78 - ADDITIONAL EXAMINATION			
		ELBOW TO PIPE	C5.11	•								
									•			
	317/50	2-cts-13-18s	C-F	PT	12SHP5050NDE001	x	_	_	J.O. B78 - ADDITIONAL EXAMINATION			
	311430	PIPE TO ELBOW	C5.11	• •								
	747//0	2 070 47 400	C-F	PT	125425050405001	¥	_	_	J.O. B78 - ADDITIONAL EXAMINATION			
	317400	2-CTS-13-19S ELBOW TO PIPE	C5.11	FI	120111 30301102001	^						
		ELBON TO PIPE	05.11					4				
									,			
	317630	2-CTS-13-36S	C-F	PT	12SHP5050NDE001	Х	-	-	J.O. B78			
		ELBOW TO ELBOW	C5.11		•				,			
					и							
		LINE 2-CTS-14 (FIG NO B-48)			,							
		44 44.			420105050105004	v			I O P78			
	<del>,</del> 317830	2-CTS-14-18S	C-F	PT .	12SHP5050NDE001	X	-	-	U.V. DIO			
		FLANGE TO PIPE	C5.11									

PAGE:

TE: 01/16/91

COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

CONTAINMENT SPRAY SYSTEM

-	ASME SEC. XI			_	G E	-	
SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	CATGY ITEM NO	EXAM HETHOD	PROCEDURE		0	E R	REMARKS **CALIBRATION BLOCK**
LINE 2-CTS-15 (FIG NO B-49)				-	•		
318000 2-CTS-15-07S ELBOW TO PIPE	C-F C5.11	PT UTOL UT45	DCC-PT1/0/0/0 DCC-UT49/0/0/0 DCC-UT41/0/0/0	x -	- x	-	SWRI

UT45T

PAGE:

**8-SS-40-.322-17-DCC**

TE: 01/16/91

COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

FEEDWATER SYSTEM

	Y EXAMINATION AREA IDENTIFICATION	ASHE SEC. XI CATGY ITEH NO	EXAM HETHOD	PROCEDURE	R E	G E O H	H	REMARKS **CALIBRATION BLOCK**
	LINE 2-FU-73 (FIG NO B-53)	• =					,	
319030	2-FW-73-12S PIPE TO ELBOW	C-F C5.21	MT UTOL UT45 UT45T	DCC-HT1/0/0/0 DCC-UT49/0/0/0 DCC-UT41/0/0/0	x -	- x -	-	**14-CS-80750-12-DCC**
319140	2-FW-73-40 SADDLE TO PIPE	C-F C5.21	нт,	12SHP5050NDE002	x	-	-	J.O. B78
2150	2-FW-73-41 SADDLE TO BRANCH CONNECTION	C-F C5.21	<b>HT</b> .	12SHP5050NDE002	x	-	~	J.O. B78
319170 ,	LINE'2-FW-74 (FIG NO B-54)  2-FW-74-01F PENETRATION SUPPORT WELD	C-C C3.20	нт	12SHP5050NDE002	x	-	-	J.O. B78
,	LINE 2-FW-81 (FIG NO 8-61)  2-FW-81-08S ELBOW TO PIPE	C-F C5.11	нт	12SHP5050NDE002	x	-	-	J.O. B78

PAGE:

DATE: 01/16/91 EVISION: 0

#### COOK NUCLEAR PLANT UNIT 2

52

PAGE:

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

HAIN STEAM SYSTEM

				Ť	и		U	
	,	ASHE			0	G	T	
		SEC. XI			R	E	Н	
SUHHARY	EXAMINATION AREA	CATGY	EXAM		E	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	H	R	**CALIBRATION BLOCK**
					-	-	-	
•								
1	LINE 2-MS-96 (FIG NO B-69)	*						*
								, a
322310	2-MS-96-32	C-F	HT	12SHP5050NDE002	X	-	-	J.O. B78
	SADDLE TO BRANCH CONNECTION	C5.21		*				
								*
								•
	ar .							•
	LINE 2-MS-196 (FIG NO B-73)	,						
322880	2-HS-196-08S	C-F	HT	12SHP5050NDE002	X	-	-	J.O. B78
	PIPE TO ELBOW	c5.11						

DATE: 01/16/91 REVISION: 0 COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

MAIN STEAM ISOLATION VALVE-LINE 2-HS-90 (FIGURES B

N O G T

SEC. XI R E H

SUHMARY EXAMINATION AREA CATGY EXAM E O É REMARKS

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

VALVE BODY_WELDS

322950 MSIV-MRV-210-1 C-G MT 12SHP5050NDE002 X - - J.O. B78

CYLINDER WELD C6.20

PAGE:

ATE: 01/16/91 /ISION:

COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

**CLASS 1 COMPONENTS** 

PRESSURIZER (FIGURE A-4)

ASHE OGT SEC. XI REH

EXAM 0 E REMARKS

SUMMARY EXAMINATION AREA CATGY

NUMBER IDENTIFICATION ITEM NO HETHOD **PROCEDURE** **CALIBRATION BLOCK**

- SUPPORT COMPONENT

600002 2-PRZ-SUPPORT **VT-3** 12SHP5050NDE006 X - - J.O. B78 F-A

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PAGE:

TE: 01/16/91 ISION: 0

COOK NUCLEAR PLANT UNIT 2

PAGE:

55

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

STEAM GENERATORS

ASHE 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**

VESSEL SUPPORTS

600005 STM-22-SUPPORT F-B VT-3 12SHP5050NDE006 X - - J.O. B78

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DATE: 01/16/91 EVISION: 0 COOK NUCLEAR PLANT UNIT 2

PAGE:

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

EKERGENCY	CORE	COOL	ING

LITERO	ENCT CORE COOLSING						_	
	RY EXAMINATION AREA R IDENTIFICATION	ASME SEC. XI CATGY ITEM NO		PROCEDURE	R E		-	
	LINE 2-SI-56 (FIG NO A-33)		E		i	и		•
60580	O 2-GSI-R-550 REV. O PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	x	-	-	J.O. B000137
	,	¥	<b>3</b>					
; <b>5</b>	LINE 2-SI-58 (FIG NO A-35)							·
60640	O 2-GSI-R-546 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VŢ~3	12SHP5050NDE006	X	-	7,	J.O. B000137
	>							
	LINE 2-SI-59 (FIG NO A-36)							
60670	O 2-GSI-R-549 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	•	-	J.O. B000137
	•							•
	LINE 2-SI-60 (FIG NO A-37)							
60700	O 2-GSI-R-666 REV. 1 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X	-	-	J.O. B000137
	LINE 2-SI-62 (FIG NO A-39)							
60710	O 2-GSI-R-658 REV. 2	F-C	VT-3	12SHP5050NDE006	x	-	-	J.O. B000137
	PIPE SUPPORT COMPONENT	F3.00		•				
•	LINE 2-SI-566 (FIG NO A-41)						Fq.	
` 60730	O 2-GSI-R-717 REV. 1 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3 ,	12SHP5050NDE006	X	-	-	J.O. B000137

DATE: 01/16/91 VISION: 0

#### COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

PAGE:

EHERGEN	CY CORE COOLING							
-	EXAMINATION AREA IDENTIFICATION	ASHE SEC. XI CATGY ITEM NO	EXAN METHOD	PROCEDURE	R E		H	REMARKS **CALIBRATION BLOCK**
	LINE 2-SI-567 (FIG NO A-42)	RE						
607600	2-GSI-R-559 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	x	-	-	J.O. B000137
607700	2-GSI-R-637 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	x	-	<b>-</b>	J.O. B000137
	LINE 2-SI-568 (FIG NO A-43)	,			•			
08000	2-GSI-R-576 REV. 1 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	x	-	-	J.O. B000137
608100	2-GSI-R-577 REV. 1 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	x	-	-	J.O. B000137
608200	2-GSI-R-578 REV. 3 PIPE SUPPORT COMPONENT	F-C F3.00	, VT-3 _.	12SHP5050NDE006	-	. <b>-</b>	x	J.O. BOO0137 - PROBLEM REPORT 90-897; ACCEPTABLE PER AEPSC-S&ADSN.
	LINE 2-SI-569 (FIG NO A-44)							
608600		F-C F3.00	VT-3	12SHP5050NDE006	-	-	x	J.O. BOOO137 - PROBLEM REPORT 90-857; ACCEPTABLE PER AEPSC S&ADSN.
	LINE 2-RH-33 (FIG NO A-59)							
609500	2-GRH-R-507 REV. 1 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	x	-	-,	J.o. 8000137

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#### DATE: 01/16/91 VISION: 0

#### COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

PAGE: 58

CHEMICAL	L AND VOLUME CONTROL TANK (FIGUR	(F R-0)		•	N		0	
		ASME				G		
		SEC. XI				E		
SUHHARY	EXAMINATION AREA	CATGY	EXAM '		E	0	Е	REMARKS '
NUMBER	IDENTIFICATION	ITEM NO	HETHOD	PROCEDURE	C	H	R	**CALIBRATION BLOCK**
	~~~~				-	-	-	
	SUPPORT COMPONENT				ı			
700080	2-cvcT-sc-2	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. B78
		F2.00		\$				
700000	2-0407-50-3	F-R	VT-3	12SHP5050NDE006	x	_	_	J.O. B78

TE: 01/16/91 SISION: 0 COOK NUCLEAR PLANT UNIT 2

PAGE:

59

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

RHR HEAT EXCHANGER EAST (FIGURE B-8)

ASHE O G T SEC. XI R E H

CATGY EXAM E O E REMARKS

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

SUPPORT COMPONENT

SUMMARY EXAMINATION AREA

700150 E-RHRHEX-SC-1 F-B VT-3 12SHP5050NDE006 X - - J.O. B78

DATE: 01/16/91 EVISION: 0 COOK NUCLEAR PLANT UNIT 2

PAGE:

60

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

CLASS 2 COMPONENTS

BORON INJECTION TANK (FIGURE B-9)

ASHE 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

700200 2-BIT-CS-2 F-B VT-3 12SHP5050NDE006 X - - J.O. B78

X. • *** 155 ***} 3. 自動力 , 18; , ,,*

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COOK NUCLEAR PLANT UNIT 2

SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL

				CLAS	S 2 COMPONENTS				
<u>E!</u>	MERGENO	CY CORE COOLING				N		0	•
		EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAN HETHOD	PROCEDURE	R E	_	H E	REMARKS **CALIBRATION BLOCK**
-	****	LINE 2-SI-56 (FIG NO B-13)				_			
7		2-GSI-R-551 REV. 1 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP0505NDE006	x	-	-	J.O. B000137
	,	LINE 2-SI-57 (FIG NO B-14)				I			•
7	11200	2-GSI-R-544 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	V.T-3	12SHP5050NDE006	x	-		J.O. B000137
		LINE 2-SI-58 (FIG NO B-15)		-					
7	/ 11300	2-GSI-R-547 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	x	J.O. BOO0137 - PROBLEM REPORT PR90-893; ACCEPTABLE PER AEPSC-S&ADSN.
		LINE 2-SI-59 (FIG NO B-16)							
. 7	711400	2-GSI-R-548 REV. 1 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	x	-	-	J.O. B000137
		LINE 2-SI-60 (FIG NO B-17 & B-	<u>·1)</u>						
7	711510	2-GSI-R-535 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	x	-	-	J.O. B000137
. 1	711530	2-GSI-R-536 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	x	J.O. BOOO137 - PROBLEM REPORT PR90-895; ACCEPTABLE PER AEPSC-S&ADSN.
	11540	2-GSI-R-537 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	x	J.O. BOOO137 - PROBLEM REPORT PR90-894; ACCEPTABLE PER AEPSC-S&ADSN.

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COOK NUCLEAR PLANT UNIT 2 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL CLASS 2 COMPONENTS

PAGE: 62

EMERGENCY	CORE	COOLI	<u>NG</u>

	EMERGENO	CY CORE COOLIN	<u>G</u>						_	
		EXAMINATION A		ASME SEC. XI CATGY ITEM NO	EXAM HETHOD	PROCEDURE	R E		H, E	REMARKS **CALIBRATION BLOCK**
		LINE 2-SI-60	(FIG NO B-17 & B-	1).		8				
,	711550	2-GSI-R-538 PIPE SUPPORT		F-B F2.00	VT-3	12SHP5050NDE006	-	-	x	J.O. BOOO137 - PROBLEM REPORT PR90-892; ACCEPTABLE PER AEPSC-S&ADSN.
	711560	2-GSI-R-539 PIPE SUPPORT		F-B F2.00	VT-3	12SHP5050NDE006	-	-	x	J.O. BOOO137 - PROBLEM REPORT PR90-891; DESIGN/AS-FOUND DISCREPANCIES - DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET ORIGINAL DESIGN INTENT.
	711570	2-GSI-V-673 PIPE SUPPORT		F-C F3.00	VT-3 VT-4	12SHP5050NDE006		-	-	J.O. B000137
	711580	2-GSI-R-672 PIPE RESTRAIN		F-C F3.00	VT-3 VT-4	12SHP5050NDE006	-	-	x	J.O. BOOO137 - PROBLEM REPORT PR90-889; ACCEPTABLE PER AEPSC-S&ADSN.
	711590	2-GSI-R-665 PIPE SUPPORT		F-C F3.00	VT-3	12SHP5050NDE006	χ̈́		-	J.O. 8000137
				••						
		2-GSI-R-543 PIPE SUPPORT		F-B F2.00	VT-3	12SHP5050NDE006	-	-	×	J.O. BOOO137 - PROBLEM REPORT PR90-896; ACCEPTABLE PER AEPSC-S&ADSN.
· '		2-GSI-R-555 PIPE SUPPORT		F-B F2.00	VT-3	12SHP5050NDE006	•	•	x	J.O. BOOO137 - NUT MISSING ON ONE ANCHOR BOLT. REPLACED AND REEXAMINED.
	1620	2-GSI-R-554 PIPE SUPPORT		F-B F2.00	VT-3	12SHP5050NDE006	x	-	-	J.O. B000137

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COOK NUCLEAR PLANT UNIT 2
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

PAGE: 63

EHERGENCY CORE COOLING

LINE 2-SI-79 (FIG NO B-24 & B-2)

F-C

F3.00

VT-3

700 2-GSI-R-667 REV. 1

PIPE SUPPORT COMPONENT

SUHMARY	EXAMINATION AREA IDENTIFICATION	ASHE SEC. XI CATGY ITEN NO		PROCEDURE	R E C	G E O	H E R	REMARKS **CALIBRATION BLOCK**
,	LINE 2-SI-62 (FIG NO B-19 & B	<u>-2)</u>		,				
711640	2-GSI-R-664 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	x	-	-	J.O. B000137
711650	2-GSI-R-661 REV. 1 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	x	-	-	'J.O. B000137
711660	2-GSI-R-660 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	x	•	-	J.O. B000137
711670	LINE 2-SI-76 (FIG NO 8-21) 2-GSI-R-663 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	x	-	-	J.O. B000137
711680	LINE 2-SI-77 (FIG NO B-22) 2-GSI-R-662 REV. 1 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	x	-	-	J.o. B000137
711690	LINE 2-SI-78 (FIG NO B-23) 2-GSI-R-671 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	x	-	-	J.O. B000137
	11NE 2.01.70 (610 NO D.26 & O	-21						

J.O. B000137 - PROBLEM REPORT PR90-923 -

LACK OF FULL THREAD ENGAGEMENT ON PIPE

CLAMP. REPAIRED.

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DATE: 01/16/91 EVISION: 0

COOK NUCLEAR PLANT UNIT 2 SUHHARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL CLASS 2 COMPONENTS

EMERGENCY C	ORE	COOL	ING .
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EMERGENO	CY_CORE_COOLING*			1	N		0	-
16 et		ASHE SEC. XI		•	O R	G E	T H	,
	EXAMINATION AREA IDENTIFICATION	CATGY ITEH NO		PROCEDURE	_	_	E R -	**CALIBRATION BLOCK**
į.	LINE 2-SI-79 (FIG NO B-24 &	B-2)				-		
711710	2-GSI-R-668 REV. 1 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X	-	-	J.o. B000137
, '- 744720	2-GSI-R-669 REV. 1	F-B	VT-3	12SHP5050NDF006	•		x	J.O. B000137 - PROBLEM REPORT PR90-924
, 111120	PIPE SUPPORT COMPONENT	F2.00						ACCEPTABLE PER AEPSC-S&ADSN.
	LINE 2-RH-31 (FIG NO B-37 &	B-3)		•				•
15310	2-GRH-R-505 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. B000137
		N.			•			,
715320	2-GRH-R-503 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	х	-	-	J.O. B000137
715330	2-GRH-R-500 REV. 3	F-B	VT-3	12SHP5050NDE006	x	-	-	J.o. B000137
-	PIPE SUPPORT COMPONENT	F2.00		-				
715340	2-GRH-R-501 REV. 5 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	x	J.O. BOOO137 - ANCHOR BOLT NUT NOT SECURED TO BASE PLATE. REPAIRED AND REEXAMINED.
715350	2-GRH-R-502 REV. 3	F-B	* VT-3	12SHP5050NDE006	X	; -		J.o. 8000137
	PIPE SUPPORT COMPONENT	F2.00			,	•		•
	LINE 2-RH-33 (FIG NO B-40)			•				
715400	2-GRH-R-506 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. B000137

PAGE: 64

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D. C. COOK NUCLEAR PLANT, BRIDGMAN, MI UNIT 2 COMMERCIAL SERVICE DATE 2-1-1978 NATIONAL BOARD NUMBER 1



Date January 30, 1991

Subject Unit 2 Tech. Spec./ISI Snubber Examinations and Tests
Performed After May 15, 1991 to the End of the Unit 2, 1990
Refueling Outage.

From D.C. Boes

II

To C.A. Freer

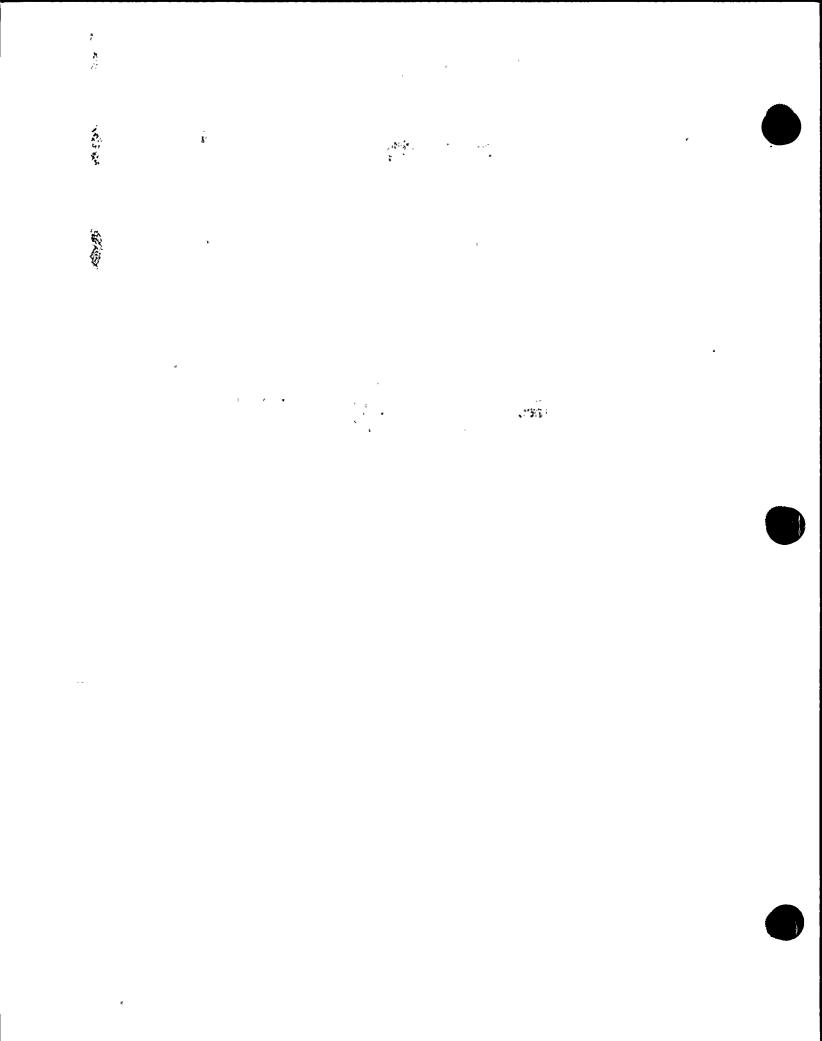
In response to J. Fitchuk's request, the Unit 2 Tech. Spec./ISI snubber examination and test results for the period of May 15, 1990 to the end of the Unit 2 Refueling Outage are noted below.

Note that the examinations (visual) are separated into three (3) catagories, Grinnell "Accessible", Grinnell "Inaccessible", and "Steam Generator". The functional test surveillances are separated into two (2) catagories, "Grinnell" and "Steam Generator".

Lists of those snubbers classified as "accessible," "inaccessible," and "Steam Generator" are attached for your information and use.

I VISUAL EXAMINATIONS

Category	Compl. Date	Comments/Results
a.Grinnell "accessible"	05-18-90	two failures per
		T.S. 3/4.7.7
r.		2-GCTS-S115(S)
•		2-GCTS-S116(W)
		all others
•		acceptable
	09-29-90	all acceptable
b.Grinnell "inaccessible"	09-04-90	all acceptable
•	09-27-90	all acceptable
c.Steam Generator	07-13-90	all acceptable
•	10-02-90	all acceptable
FUNCTIONAL TESTS		
Category		
a.Grinnell	09-28-90	two failures
•	•	see attached sheet
b.Steam Generator	08-13-90	see attached sheet



Please note that the five (5) non-Tech. Spec. snubbers that are listed on the attached sheets were inspected per Procedure No. 12MHP4030.STP.004 with the Grinnell "Accessible" snubbers.

Details of each examination and test are included in applicable job order packages if you need further information.

i).C. Boes

D.C. Boes

Attachments

c: A.A. Blind - w/o att.

T.P. Beilman - w/o att.

F.R. Pisarsky - w/o att.

R.S. Papps/J.D. Grier, AEPSC - w/o att.

File: PS-HS

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TECH. SPEC.	MARK NO.	AZIM.	ELV.	ACCS.	UNIT 2 "INACCESSIBLE" SHUBBERS INDIANA MICHIGAN POWER COMPANY
1	2-GRC-6537	25	610	1	D. C. COOK NUCLEAR PLANT, BRIDGMAN, MI UNIT 2 COMMERCIAL SERVICE DATE 2-1-1978
2	2-GRC-6538	41	614	<u> </u>	NATIONAL BOARD. NUMBER 1
3	2-GPC-6555	141	614	1	
4	2-GPC-8562	154	610	1	
5	2-GRC-S564	317	614	I	
6	2-GRC-6566	331	610	I	
7	2-GRC-6573	223	614	1	
8	2-GRC-6575	208	610	I	
9	2-GRC-6582	208	617	I	
10	2-GRC-8592	282	683	I	
11	2-GRC-6594	291	683	I	
12	2-GRC-8596	292	682	I	
	0 000	270			
13	2-GRC-8598		671	I	
14	2-GRC-5599		672	I	
15	_2-GRC-8609 2-GRC-8611		689	I ·	100 0 10 0 10 0 10 0 10 0 10 0 10 0 10
<u>16</u>	2-GRC-6623		681 682		
18	2-GRC-8624		615	ı	
19	2-GRC-8626		692	I	
20	2-GRC-8629		687	I	−.
21	2-GRC-8630		672	I	- -
22	2-GRC-8632		669	I	••••••••••••••••••••••••••••••••••••••
23	2-GRC-6631		670	I	
24	2-GRC-6587		622	I	
		·			
25	2-FN-61	31	634	I	The same section deposits of the same section
26	2-FW-62(L)	26	633	<u> </u>	
27	2-FW-62 (U)	26	636	<u> </u>	
28	2-FN-63	20	629	I	
29	2-IN-84 (L) 155	637		Page 69 : -

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UNIT Z INACCESSIBLE 'SMURRER

	INE	DIANA	MICH	HIGAN	I PO	NER	COM	IPAN	Υ
			K NUC						
			MMER						
			MOIT		ARD I	NUME	BERT		-
_			**						

ļ	TECH, SPEC.	MARK NO.	AZIM.	elv.	ACCS.	UNIT 2 COMMERCIAL SERVICE DATE 2-1-1978
	31	2- FW -65	163	634	I	
	32	2-FN-66	157	629	I	
	33	2-FW-87	204	634	I	- 1
	34	2-FW-88 (L)	200	633	I	· · · · · · · · · · · · · · · · · · ·
	35	2-FW-68 (U)	200	636	I	
	36	2-F N- S9	194	629	<u> </u>	* * * * * * * * * * * * * * * * * * *
	37	2-FW-S10(L)	334	634	I	* to or common or a position of a to a
	38	2-FW-S10 (U)	334	636	I	
	39	2-FW-611	330	634	I	
	40	2-FW-812	343	629	1	
	54	2-GOON-8519	132	623	I	
	55	2-GCCN-8521	132	624	I	
	56	2-GCCN-855(308	619	I	
	62	2-GCS-S634	299	613	1	
	64	2-GCS-6729	234	617	I	
	65	2-MSS-1	8	639	· I	* **
	66	2-MSS-2	17	635	<u> </u>	
	67	2-HSS-3	172	639	I	
	68	2-MSB-4	165	635	<u> </u>	
	69	2-MSS-5	191	635	<u> </u>	,
	70	2-MSS-6	184	639	<u> </u>	• •
	71	2-MSS-7	349	635	I	· · · · · · · · · · · · · · · · · · ·
	72	2-MSS-8	356	639	·I	, e

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2-G81-S707 221

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UNIT 2 " ACCESSIBLE" SNUBBERS

·	100 500 000		-	1000
TECH. SPEC. NUMBER	MARK NO.	AZIM.	ELV.	ACCS.
41	2-GBD-S563	(L) 275	607	λ
42	2-GBO-S563	(U) 275	608	A
43	2-020-6569	(L) 275	607	λ
44	2-GBD-S569	(U) 275	608	λ
45	2-GBD-S568	264	608	λ
46	2-CRH-S6		581	λ
47	2-GRH-87		581	λ
48	2-GRH-824		581	λ
49	2-GRH-625		`580	λ
50	2-GCCN-627	4	621	λ
51	2-GOON-630	8	610	λ
52 .	2-GCCN-631	7	621	λ
53 ·	2-GOON-632	0	610	λ
57	2-GOCH-583	8 -	621	Α
58	2-GCCH-683	9 .	621	λ_
59	2-GCCN-S84	0	620	λ_
60	2-GCCN-684	3	620	λ

INDIANA MICHIGAN POWER COMPANY
D. C. COOK NUCLEAR PLANT, BRIDGMAN, ML
UNIT 2 COMMERCIAL SERVICE DATE 2-1-1978
NATIONAL BOARD NUMBER 1

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UNIT Z "ACCESSIBLE SNUBBERS

TECH. SPEC.	MARK NO. AZIM.	ELV.	ACCS.	Indiana Michigan Power C D. C. Cook Nuclear Plant, Brii Unit 2 Commercial Service Dat NATIONAL BOARD NUMBER	DGMAN, MI
61	2-GCCW-6306	596	Α .	· •	
63	2-GCS-S637 72	608	λ_		» •
73	2-GSI-S47	573	Α		
74	2-GSI-S51	573	Α_		
75	2-GSI-S575 65	598	A	, <u>.</u>	
76	2-GSI-S657 185	610	λ		
78	2-GCTS-S61	579	λ	· - ·	ı
. 79	2-GCTS-S113 (E)	582	λ		*
08	2-GCTS-5113 (W)	582·	λ	* **	
81	- 2-GCTS-6114 (N)	. 582	λ	**************************************	•
82	2-GCTS-5114(S)	582	Α · _ "		
83	2-GCTS-6115 (N)	579	λ		
84	2-GCTS-6115(S)	579	λ	• • •	
85	2-GCTS-6116 (E)	579	λ		•
86	2-GCTS-S116 (M)	579	λ΄	*	
ISI LONG TE	om Plan Snubbers (n	OT INCL	UDED IN TE	SCH. SPECS.)	¥
MARK NO.	AZIM.	ELV.	ACCS.		-
2-CEW-5868		617	Α	•	
2-CFW-6869		616	A		-
2-GFW-5873		616	λ.		*
2-CFW-8885 2-CFW-8891		602	<u> </u>	•	



% d \$' €

 $\label{eq:constraints} \mathbf{x}_{i}(\mathbf{b},\mathbf{b},\mathbf{c}) = \sum_{i=1}^{n} \mathbf{x}_{i}(\mathbf{c},\mathbf{b},\mathbf{c}) = \mathbf{x}_{i}(\mathbf{c},\mathbf{c})$

UNIT 2 STEAM GENERATOR SNUBBERS

STEAM GENERATOR NO.	TECH. SPEC. NO.	SERIAL NUMBER
S/G #21	87 90 89 88	25.12620.007-17 25.12620.007-30 25.12620.007-29 25.12620.007-18
s/G #22	93 94 92 91	25.12620.007-28 25.12620.007-32 25.12620.007-26 25.12620.007-25
s/G #23	98 96 95 97	25.12620.007-27 25.12620.007-22 25.12620.007-21 25.12620.007-24
S/G #24	100 101 102 99	25.12620.007-20 25.12620.007-23 25.12620.007-31 25.12620.007-19

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UNIT 2 SNUBBERS

FUNCTIONAL TEST SURVEILLANCES

Snubber Mark No.	Date Removed	Date Reinstalled	As-Found
2-GRC-S629	08-27-90	08-29-90	Pass '
2-GBD-S563(L)	08-09-90	08-20-90	Pass
.2-GBD-S563 (U)	08-09-90	08-20-90	Pass
2-GRH-S7	08-13-90	08-18-90	Pass
2-GCCW-S317	08-20-90	08-22-90	Pass
2-GCCW-S550	08-20-90	08-22-90	Pass
2-MSS-2	07-28-90	08-07-90	Pass
2-MSS-6	N/A	N/A	Pass
2-GCTS-S114(N)	08-23-90	08-28-90	[*] Pass
2-GCTS-S114(S)	08-23-90 . `	08-28-90	Pass
2-GCTS-S116(E)	08-26-90	09-03-90	Pass
2-GCTS-S116(W)	08-26-90	09-03-90	Pass
*2-GRC-S538	08-29-90	09-04-90	Pass
*2-GRC-S598	08-29-90	09-05-90	Fail-air
		- -	entrapment
*2-GRC-S599	08,-29-90	08-31-90	Pass
*2-GRC-S609	08-29-90	09-05-90	Fail-high
a d	*		tension
,			bleed rate
*2-GRC-S611	08-29-90	08-30-90	Pass
*2-GRC-S623	08-09-90	08-13-90	Pass
*2-GRH-S6	N/A	N/A	Pass
*2-GCS-S637	08-10-90	08-13-90	Pass
*2-GSI-S707	08-22-90	08-27-90	Pass
**2-GCTS-S115(S)	N/A	N/A	Pass
S/N25.12620.007-20	07-12-90	08-22-90	Pass
S/N25.12620.007-23	07-12-90	08-22-90	Pass
S/N25.12620.007-31	07-12-90	08-22-90	Pass

^{*} These snubbers were tested due to functional failures at the previous testing period (last outage).

^{**} This snubber was tested as a result of the Visual Examination failure to determine operability.

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

STEAM GENERATOR EDDY CURRENT EXAMINATIONS

During the first ISI of the D.C. Cook Unit 2 replacement steam generators (8th refueling outage overall), the Maintenance and Repair Field Service Operations of the Westinghouse Nuclear Service Division (WNSD) performed multi-frequency eddy current inspection on approximately 6.5% of the tubes in Steam Generators 22 and 23. No degradation or pluggable indications were found during the analysis of the eddy current data.

The plant Technical Specification requirement for steam generator eddy current testing is defined as (3 x N)%, where N is the number of steam generators in the plant. By definition, not all steam generators had to be inspected, so 6% of the tubes in each of two steam generators were tested.

All tests were conducted with a .720 diameter probe with the exception of 3 row 1 and 2 tubes in Steam Generator 23. These 3 tubes were tested with a .700 diameter probe. All testing was conducted from the hot leg channel head.

The table below summarizes the actual tubes inspected:

	<u> \$/G_22</u>	S/G 23
Inspected full length from hot leg	67	68
Inspected to 7C from hot leg	169	167
Inspected to 7H from hot leg	0	1

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SYSTEM PRESSURE TESTS

Inservice Inspection System Pressure Tests were performed during the Summer 1990 Unit Two Refueling Outage. These tests were in accordance with the requirements of ASME Section XI Articles IWA-5000, IWB-5000, IWC-5000, and IWD-5000 as applicable.

A total of eleven (11) hydrostatic and pneumatic tests were performed during the outage with the results of all tests within allowable acceptance criteria. The tests performed were:

PROCEDURE	DESCRIPTION	NUMBER OF TESTS COMPLETED
** 2-OHP 5070.ISI.006	Pressurizer and Reactor Head Post Accident Vents	2
** 2-OHP 5070.ISI.018	RHR/CTS - East and West Recirc. Piping to Pumps	2
** 2-OHP 5070.ISI.020	RHR Normal Pump Suction Piping	1
** 2-OHP 5070.ISI.034	PW to Containment at CPN 33	1
** 2-OHP 5070.ISI.035	Refueling Water Supply Piping to Refueling Cavity at CPN 36	1
** 2-0HP 5070.ISI.048	Plant Air Piping at CPN's	4

In addition system functional, inservice and leakage tests were conducted on class one, two and three systems. This included the entire Reactor Coolant System and associated piping per the requirement of IWB-5221. The results of the system functional, inservice and leakage tests were all within allowable acceptable range.

All Procedures satisfy the testing and documentation requirements set forth in ASME Section XI, 1983, Summer 1983 Addendum for Class 1, Class 2, and Class 3 components and systems for Cook Nuclear Plant.

All procedures were satisfactorily completed by Indiana Michigan Power Company, ISI Hydro Testing, Quality Control, and NDE Personnel.

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Name			Oate3-23-8				
P. O. Box 6	O, Fort Wayn	e, Indiana	46801	Sheet 1	12		
2. Plant Donald	C. Cook Nucl	ear Plant		Unit2	4	····	
P. O. Box 45	8, Bridgman,	Michigan	49106	Job Order &		O. NO., 100 NO.,	Itc.
3. Work Performed by	CIMCO	- Name		Type Code Symbol		V \252 tt	
P.O. Box 21	8, Stevensvi	lle, Mi 49	127	Authorization No	12)252-V 2-31-89	
4. Identification of Sys	stem <u>Main St</u>	eam					
	on of Sectio®XI Uti	lized for Repairs	or Replacement	: 19 <u>83</u> w/ S	Addenda, 5 1983	none add.	Code Case
6. Identification of Co	mponents Medaired (or Heplaced and H	leblacement Col	mponents		· _Y	<u> </u>
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve 2-MMO-210	Atwood Morrill	60TH04AT	N/A-	N/A	N/A	Repair	ИО
a.				•			
7. Description of Work	. Potate Val	lye Rody to	nroper s	system flow o	lirecti	lon.	
		_	,				
8. Tests Canducted:	Other Pressure	neumatic 🔲 Ni psi	ominal Operation Test Temp.	g Pressure 🔀		¢	
NOTE: Supplemention in items 1 threecorded at the top	ntal sheets in form o ough 6 on this repo of this form,	of lists, sketches, or the included on	or drawings may each sheet, and	y be used, provided (1 (3) each sheet is no	1) size is 81 imbered ai	is in, x 11 in., (2) and she number of	informa- sheets is
(12/82) ·	This Form (E000	30) may be obtail	ned from the Oi	rder Dept., ASME, 34	15 E. 47th	St., New York, N	Y, 10017

J.o. 41421

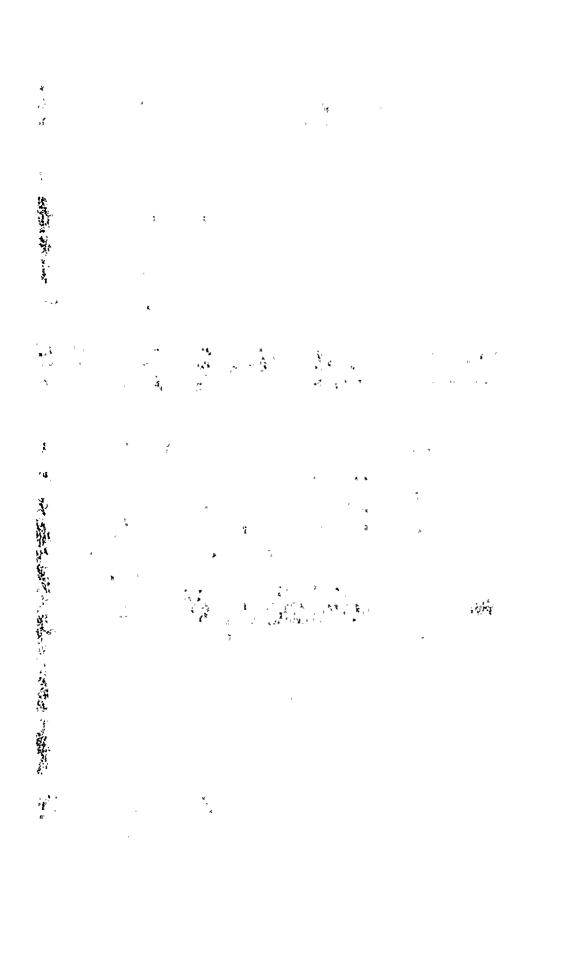
FORM NIS-2 (Back)

Remarks Rotated Valve 2-MMO-210 180° to align with proper system flow d	lirection
Applicable Menufacturer's Data Reports to be attached Valve was assembled incorrectly after recent repair contributing to	1000000
valve was assembled incorrectly after recent repair contributing to	Tmbrobe
orientation when reinstalled.	
offentation when feinstalled:	
· · ·	
	.
,	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this Repair conforms to the rul	es of the
ASME Code, Section XI. repair or replacement	4
•	
Type Code Symbol Stamp N/A	
·	
Certificate of Authorization No. N/A Expiration Date N/A	
A = A = A = A = A = A = A = A = A = A =	60
Signed Anda a Cinco Moract WGR. Date 3-23, 19	_02
CERTIFICATE OF INSERVICE INSPECTION	
CENTIFICATE OF INSERVICE INSECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Ergssure Vessel Inspectors and	d sha Csasa
or Province of MICHIGAN and employed by Arkwright Mutual	o ine Sieie
Norwood, Mass. have inspected the components	described
in this Owner's Report during the period 3-12-89 to 3-21-89 and	
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures descri	
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, con-	erning the
examinations and corrective measures described 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 a loss of any kind arising from or connects	
inspection.	
	<i>-</i>
Ingestors Signature Commissions MS 5030, Mich 555 END 118 National Board, State, Province, and Endors	<u> </u>
Inspectors Signature , National Board, State, Province, and Endors	########
22	
Date 3-23 19 75	
* Fuctory Murral Corver	

Q., 4 * . '财 , , , 一大の中女、大きな、子、田田安田の **S**, x ۲. 114 140 . s × ¥,

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

Owner INDIANA	MICHIGAN P	OWER COMPAN	Υ	Date June	1019	89	
	Name	1					
P.O. Box	60 Fort Ways	ne, IN 468	01	Sheet	42		
Plant D.C. COO	K NUCLEAR PO	OWER PLANT		Unit 2			
One Cook Pl	ace, Bridgm	an, MI 491	06	J.O. #24339 Repeir Orga	-11		
Work Performed by				Type Code Symbol			648.
, , , , , , , , , , , , , , , , , , ,		Neme		Authorization No		N/A	
Same as	2 Address			Expiration Date		<u>A</u>	
			ality Lev	vel 5, 3" ø Re	actor	Coolant P	ping
(a) Apolicable Cone	truction CodeANS	B31.1 19	67* Edition	N/A	ddaada	N/A	Code C
(b) Applicable Editi	on of Section XI Ut	ilized for Repairs	or Replacemen	. N/A A u 19 83 , Su	mmer	3 Addenda	
Identification of Co.		es Canlassed and C					
Identification of Cor	mponents repaired	or nablaced and H	epiacement Co	emponents			
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe (Yes or No)
Snubber				Control Vlv.			
2-GRC-S609	Grinnel1	12980	N/A	B0462S1D71C Control Vlv.		Replaced	No
				79398753574		Replaceme	ot No
•							<u> </u>
<u></u>		L				<u> </u>	L
Description of Work	(See Rema	rks)					
Terre Conducted:	Hydrometric C P	neumetic 🗀 No	minel Operatir	ng Pressure 🔲 (No	t Appi	itcable)	
	Other Pressure				p.p.		
NOTE: Supplement tion in items 1 thro recorded at the top	oqen skitt no 8 rigus	f lists, sketches, o rt is included on e	r drawings may ech sheet, and	y be used, provided (1) i (3) each sheet is nun	size is 87 nbered ar	in, x 11 in., (2) id the number of	nforme- chests is
2/82)	This Form (E000)	30) may be obtain	ed from the O	rder Dept., ASME, 345	€. 47th :	St., New York, N.	Y. 1001
aterial procu	ured to desi s and manufa	gn criteria cturer's in	. Snubb	er installed	per Te	chnical	



FORM NIS-2 (Back)

9.	Remarks Replaced the control valve on snubber S/N 12980 during routine testing/
	Applicable Manufacturer's Data Reports to be attached
	calibration due to a bleed screw which was broken during attempt to adjust
•	bleed rate. The new control valve was an exact replacement and both control
	valves were manufactured by Grinnell for the size of snubber involved.
	,
	, and the state of
Г	CERTIFICATE OF COMPLIANCE
1	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
1	consis an englacement
1	ASME Code, Section XI.
1	
1	Type Code Symbol Stamp N/A
1	
ļ	Certificate of Authorization No
	all Sout
	Signed L.B. Braste. Maintenance Superintendent Date
l	Owner or Owner's Designee, Title
Ξ	
	CERTIFICATE OF INSERVICE INSPECTION
•	1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
1	or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO. * of
1	NORWOOD, MASShave inspected the components described
1	in this Owner's Report during the period 6-14-37 to, and state that
1	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
1	,
1	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
1	By signing this certificate neither the Inspector nor his employer makes any werranty, expressed or implied, concerning the
ı	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
1	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
L	Inspection.
1	" MARCHET ! " WOODED WITH SEE " SIFT !!
	Mt MacLoude — Commissions NB 9030, MICh 555 N F I Inspector's Signature National Board, State, Province, and Endorsements
1	<i>"</i> "
ì	*FACTORY MUTUAL GROUP
1	Dete

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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

1. Owner INDIAN	IA MICHIGAN P	OWER COMPAN	IY _	Date 6-1	2 ~ 89		
1. Owner	Name)	· · · · · · · · · · · · · · · · · · ·	Uait			
P.O. Box	60 Fort Way	ne, IN 468	301	Date 6-1 Sheet 1 0	of2	•	· · · · · · · · · · · · · · · · · · ·
2. Plant D.C. CO				Unit2			
•							•
One Cook F	lace, Bridgm Address	an, MI 491	.06	J.O. B-0069 Repair Orga	06, Fi	1e PS-05	etc.
3. Work Performed b	, Barinka-Bri	ncks-Willia	ams	Type Code Symbol	Stema	N/A	•
				Authorization No Expiration Date		N/A	
Same as	#2 Address			Expiration Date	N/	A	
			· · · · · · · · · · · · · · · · · · ·				
4. Identification of S	ystemBlow_Do	wn					
(b) Applicable Ed.	Ition of Section XI Ut				r 1983	Addenda	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PS-05	Weldstar			Weld Rod	 		ļ
Pipe Weld	Company	N/A	N/A	ASP-10477	1987	Repaired	No
7. Description of Wo	k (See Rem	arks)					
8. Tests Conducted:	Hydrostatic P						
NOTE: Suppleme tion in items 1 th recorded at the to	ental sheets in form o rough 6 on this repo p of this form,	if lists, sketches, o rt is included on (or drawings may sech sheet, and	be used, provided (1) (3) each sheet is num	X8 si ezis (na bered an	in, x 11 in., (2) i d the number of	informa- sheets is

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D. C. COOK NUCLEAR PLANT, BRIDGMAN, MI UNIT 2 COMMERCIAL SERVICE DATE 2-1-1978 NATIONAL BOARD NUMBER 1

FORM NIS-2 (Back)

Remarks Unit 2, Excavated pir	n hole leak in tee weld of	PS-05 and rewelded with
W.P.S. 20.1.	Icable Manufacturer's Data Reports to be att	eched
	•	+
		,
Ref. J.O. # B006906	File: PS-05	ASME Class 2
	ERTIFICATE OF COMPLIANCE	
	the report are correct and this repair	conforms to the rules of the
ASME Code, Section XI.	Topon of Topon	2041116111
	,	, .
Type Code Symbol Stamp N/A		· · · · · · · · · · · · · · · · · · ·
Cartificate of Authorization No	Expiration Date N	
	@vila-	
Certificate of Authorization No. N/A Signed T. P. Beilman, Maintenand Owner or Owner's Designee, Title	ce Superintendantone 11 A	19 70
, CER1	rificate of inservice inspection	
1, the undersigned, holding a valid commission is or Province of Michigan and en		
NORWOOD, MASS.	• • • • • • • • • • • • • • • • • • • •	rspected the components described
in this Owner's Report during the period	6-9-89 to 9-28-	29 and state that
to the best of my knowledge and belief, the Ov		corrective measures described in this
Owner's Report in accordance with the requirem By signing this certificate neither the Inspec	•	expressed or implied concerning the
examinations and corrective measures described	d in this Owner's Report, Furthermore, ne	ither the Inspector nor his employer
shall be liable in any manner for any personal in	njury or property damage or a loss of any kin	d arising from ar connected with this
inspection,		
Inspector & Signature	Commissions ///ch555 Z	end NII
Inspector's Alignature	·	•
Date_ 8-14 19_90	*FACTO	RY MUTUAL SYSTEM
19		

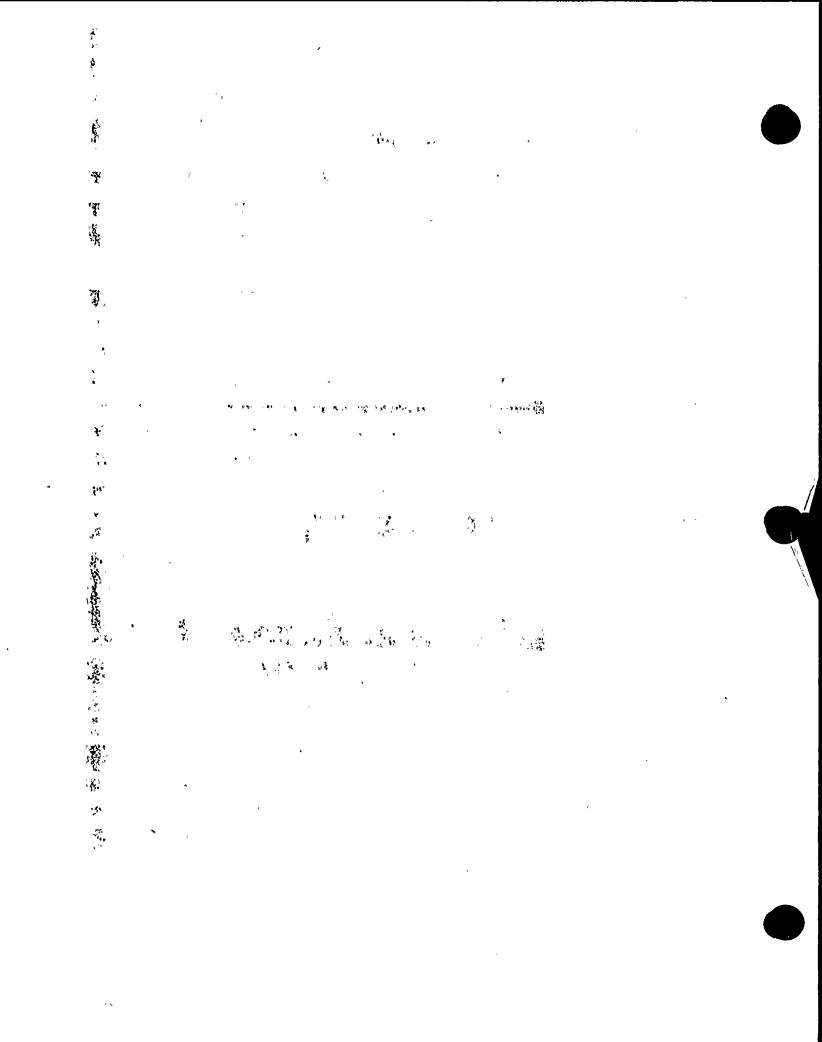
(12/82)

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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

,			t					
1. Owner IN	DIANA MICHIGA Name	N POWER	COMPANY	Date _	9	/8/89		
	r.							
P.O. Bo	x 60 Fort Way Address	ne, IN	46801	Sheet.	1	_of	2	
2. Plant D.	C. COOK NUCLE Name	AR POWE	R PLANT	Unit _		2		
One Coo	k Place. Brid	man W	T 10106 *	B00'00'	os pres	AND HAY O	OT 450TA	
one coo.	Address	gman. n.	1 49100		Org. P.	:ME-VAL-2-	NO. etc	
•	BOGGS,	SMITH, GRE		_		-	•	
3. Work Perf	-15							
_Same_a	ng #2	Name				No. <u>N/A</u> e <u>N/A</u>		
<u> </u>	Address			_ Expira	cion Dat	e <u>N/A</u>		
							le .	
4. Identific	ation of System		EMERGE	NCY CORE C	OOLING	(RHR)	·	
	able Const. Code							
CD) Applic	able Edition of <u>er 1983 Adder</u>	section .	XI ncilized	ior Repairs	or Kebi	acements 19	83.	
<u>Samu</u>		<u>iuu</u>				•		
6. Identific	ation of Compone	ents Repa	ired or Rep	laced and Re	placemen	t Component	8	
		•		[,	Repaired	ASME	
Ī			ł			Replaced	Code	
Ì		Manuf.	National	Other Identi-	Year	or Replace-	Stamped (Yes	
Name of	Name of	Serial	Board	fication	Built	ment	or No)	
Component	Manufacturer	No.	No.					
VALVE				l			[
2-SI-158L4			ļ	 		ļ		
B/B STUDS	HARDWARE SPEC	N/A	N/A	ASP-10388	1988	REPLACED	NO	
B/B NUTS *	CARDINAL	N/A	N/A	ASP-10636	1988	REPLACED	NO	
						<u> </u>		
7. Descripti	on of Work	(See R	emarks)					
_								
8. Test Cond	ucted: Hydrosta	atic	Pneumatio	Nomi	inal Ope	rating Press	ure 🔀	
-	_						1	
•	Other	— Pres	ssure	psi	Test Te	mp	°F	
NOTE: Supple	mental sheets in	form of	lists, sket	ches, or dr	awings m	ay be used,	provided	
(1) size is 8	-1/2 in. x 11 ir	1 (2) i	nformation i	In items 1 t	hrough 6	on this rep	oort is	
cluded on each sheet, and (3) each sheet is numbered and the number of sheets is corded at the top of this form.								



Page 2 of 2

FORM NIS-2 (Back)

Remarks	Unit 2, REPLACED B/B STUDS/NUTS ON VALVE 2-SI-158-L4 Applicable Manufacturer's Data Reports to be attached						
•	Ref. JO #B000021 File:ME-VAL-2-SI-158-L4 ISI Class 1						
	CERTIFICATE OF COMPLIANCE						
replaceme	cify 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						
Certificat	ce of Authorization No N/A Expiration Date N/A						
Signed <u>T.</u>	P. Beilman, Maint. Suberintendent Date ZIANUM, 1951 Owner of Owner's Designee, Title						
	CERTIFICATE OF INSERVICE INSPECTION						
and Pressur by ARKWRI have inspec	ersigned, holding a valid commission issued by the National Board of Boiler of Vessel Inspectors and the State or Province of Michigan and employed GHT 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 knowledge the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME						
By signing warranty, of described in the second sec	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.						
	Commissions Mich 555, End Nil or's Signature National Board, State, Province, Endorsements						
Date	*FACTORY MUTUAL SYSTEM						

大五 在 在 在 \$ CA. Ĉ, 4 八大樓 不知的人 美国西南北 7, * # * * * * **

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

P.O. Box P.O. COO	60 Fort Wayn	e, IN 468	01	Date 9-2 Sheet 1 Unit 2	of2		
	ace, Bridgma Address Ivey, Bol Address Boron Ma	n, MI 491 By Name keup (CVCS	06	J.O. #B-46 Repair Orga Type Code Symbol Authorization No. Expiration Date	97, FII	LE: ME-VAI .O. No., Job No., N/A N/A A	L-2-QRV-
3. Identification of Cor							
Name of Component	Name of Manufacturer	Manufacturer Seriel No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve 2-QRV-400	ITT Engineered Valves	N/A	N/A	ASP-11087	1989	Replaced	No
B/B Studs Nuts & Bonnet			•				
NOTE: Supplement	,	eumatic No	Test Temp	be used, provided (1) size to 8)	is in. x 11 in., (2) in the number of	informe-

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* 5. Material meets the requirements of ASME Section III 1986 ED.,1987 addenda for Fabrication and design per original manufacturer specifications. Nuts & Studs were purchased with the bonnet.

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FORM NIS-2 (Back)

9.	Remarks Unit 2, Replaced body to bonnet studs/nuts and bonnet for valve
	Applicable Manufacturer's Data Reports to be attached 2-QRV-400
	2-400
	Ref. J.O. # B-4697 File: ME-VAL-2-QRV-400 ASME Class 2
	•
Γ	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 StampN/A
1	Certificate of Authorization No. N/A Expiration Date N/A Signed T. P. Beilman, Maintenance Superintendant Date 16 A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	. Owner or Owner's Designee, 11tie
	CERTIFICATE OF INSERVICE INSPECTION
	t, 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.*
	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 20/3/89 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.
	The Matter care I complete S.N. 0555 Each N'S'T
	Inspector's Signature Commissions 5.N 0555 END NET. National Board, State, Province, and Endorsements
	*FACTORY MUTUAL SYSTEM
L	Date

(12/82)

A STATE OF THE STA N. C. W. \$ \$30 *C 妖婦 前 THE PROPERTY OF THE PARTY OF TH

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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

1. Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	Date _		1/17/90	
P.O. Bo	x 60 Fort Way	ne, IN	46801	Sheet	1_	of2	
2. Plant <u>D.</u>	C. COOK NUCLE	AR POWER	PLANT	Unit _		2	
One Cook Place, Bridgman, MI 49106 Address GREEN, THURSTON, BOGGS Work Performed by TALMADGE, STERNBEGER Name Name Same as #2 B004670, FILE: ME-VAL-2-SI-158L1 Repair Org. P.O. No., Job No., etc Repair Org. P.O. No., Job No., etc Authorization No. N/A Expiration Date N/A							
•	Address			_		e <u>N/A</u>	
(a) Applic (b) Applic Summ	eation OF SYSTEM cable Const. Code able Edition of mer 1983 Adder ation of Componer	e <u>ASME I</u> Section : nda	<u>II</u> 19 <u>86</u> XI Utilized	Ed., <u>1987</u> for Repairs	Add. or Repl	acements 19	83,
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
VALVE 2-SI-158LI							
B/B STUDS	CARDINAL	N/A	N/A	ASP-10636	1988	REPLACED	ио
COVER	ALOYCO .	N/A	N/A	2-SI - 158-L3	N/A	REPLACED	ИО
					_		
. Descripti	on of Work	(See R	emarks)				
. Test Cond	ucted: Hydrost	atic	Pneumatic	Nomi	inal Ope	rating Press	ure 🖾
	Other [Pres	ssure	psi	Test Te	mp.	°F
1) size is 8	mental sheets in -1/2 in. x 11 in ach sheet, and	n., (2) in	nformation i	in items 1 t	hrough 6	on this rep	port is

recorded at the top of this form.

Page 2 of 2

FORM NIS-2 (Back)

RemarksUnit -2. REPLACED B/B STUDS/NUTS AND COVER ON VALVE
Applicable Manufacturer's Data Reports to be attached
2-SI-158-L1
Ref. JO #B004670 File:ME-VAL-2-SI-158-L1 ISI Class 1
OFFINITETORME OF COURT TRUCK
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 T. P. Beilman, Maint, Superintendent Date 21 , 1991
Owner of Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <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 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.
Mic Mutuspaus Commissions Mich 555, END NIT Inspector's Signature National Board, State, Province, Endorsements
Date _/-2219_9! *FACTORY MUTUAL SYSTEM

** l vefa \$ 5.5 \$"

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

1									
	1. Owner <u>IN</u>	DIANA MICHIGAN	N POWER	COMPANY	_ Date _	1	./18/90		
	ą.	Name			1	_		•	
	P.O. Box	<u>60 Fort Wayı</u> Address	ne, IN	46801	_ Sheet _	1	of2		
	2. Plant D.C	C. COOK NUCLE	AR POWER	PLANT	_ Unit _		22		
-				1000	200010	o need		CT 17070	
	One Cook Place, Bridgman, MI 49106 B003100, FILE: ME-VAL-2-SI-170L3 Address Repair Org. P.O. No., Job No., etc								
	FULTON, SMITH, THURSTON, 3. Work Performed by GREEN, COX, STERNBURGER. Type Code Symbol Stamp N/A								
	Name Authorization No. N/A								
	<u>Same a</u>	s #2			Expira	tion Dat	e <u>N/A</u>		
	•	Address	•						
	4. Identific	ation of System		EMERGENC	Y CORE COO	LING (I	RHR)		
	5. (a) Applic	able Const. Code	ASME	III 19 <u>86</u>	Ed., W-198	6_Add.	C	ode Case	
ź		er 1983 Adden		d offitzed	tor Repairs	or vebr	acements 13	/ 	
		ation of Compone	nta Panai	red or Repl	aced and Re	nlacemen	t Components	3	
_	o. Identific	acton of compone	sites webar						
					Other	· ·	Repaired Replaced or Replace-	ASME Code Stamped	
	Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Identi- fication	Year Built	ment	or No)	
	VALVE 2-SI-170L3							ų	
	s/s studs	HARDWARE SPC.	N/A	N/A	ASP-9366	1987	REPLACED	NO	
	S/S STUDS	HARDWARE SPC.	N/A	N/A	ASP-10345	1988	REPLACED	NO	
	S/S NUTS	HARDWARE SPC.	N/A	N/A	ASP-10371	1988	REPLACED	NO	
			•						
	7. Descripti	on of Work	(See R	emarks)					
	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure								
	Other Pressurepsi Test 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.								

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Page 2 of 2

FORM NIS-2 (Back)

. Remarks _	Unit 2. REPLACED S/S STUDS/NUTS ON VALVE 2-SI-170-L3
	Applicable Manufacturer's Data Reports to be attached
	·
•	Ref. JO #B003100 File:ME-VAL-2-SI-170-L3 ISI Class 1
	· · · · · · · · · · · · · · · · · · ·
·	
	CERTIFICATE OF COMPLIANCE
	•
We cert	tify that the statements made in the report are correct and this entry conforms to the rules of the ASME Code, Section XI.
repair or	replacement
Type Code	Symbol Stamp N/A
1	
	te of Authorization No. N/A Expiration Date N/A
Signed T.	P. Beilman, Mainti Superintendent Date 20 April 19 31
1	wher or owner's resignee, fitte
,	CERTIFICATE OF INSERVICE INSPECTION
I, the unde	ersigned, holding a valid commission issued by the National Board of Boiler.
and Pressu	re Vessel Inspectors and the State or Province of <u>Michigan</u> and employed
have inspec	COUNTY OF NORWOOD, MASS. County of NORWOOD, MASS. County of NORWOOD, MASS. County of NORWOOD, MASS.
1/22/90	to, and state that to the best of my knowledge, 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	ion XI.
By signing warranty.	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 any kind arising from or connected with this inspection.
1	
	Commissions Mich 555, End NfT or's Signature National Board, State, Province, Endorsements
	*FACTORY MUTUAL SYSTEM
Date/2	19 <u>9/</u>
3	•

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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

							===	
1., Owner <u>Indiana/</u>	Michigan Ele	ctric Comp	any	Date 1-19-90				
P.O. Box 60	, Fort Wayne	, Indiana	46801	Sheet 1 of.	2_			
2. Plant Donald C				Unit 2				
P.O. Box 458	, Bridgman,	Michigan 4	9106	Job Order #	B0001)5 ·		
3. Work Performed by_				Type Code Symbol S	tamp	<u></u>		
P.O. Box 218	. Stevensvil	Name Lle. MI. 49	9127	Authorization No	0252-	<u> </u>		
4. Identification of Sys				Expiretion dete	1			
			02 -	ctos		NONE		
 (a) Applicable Cons (b) Applicable Edition 				19 <u>83 W/S'19</u>			Code Case	
6. Identification of Cor	nponents Repaired o	or Replaced and R	Ieplacement Cor	nponents			•	
				1 1		<u> </u>		
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
1-3/8" NUTS	N/A	N/A	N/A	ASP-9828 SA-194GR8F	N'/A	Replace-	NO	
	,				·	1		
			İ			[
			<u> </u>			<u> </u>		
7. Description of Work	Removed va	lve for ope	erations	for vent path	and	reinstalle	d	
8. Tests Conducted:	Hydrostetic P							
tion in items 1 thr	NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% in. x 11 in., t2) 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.							

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

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FORM NIS-2 (Back)

9.	Remarks Replaced Inlet and Outlet Gaskets on 2-SV-45B Safety Valve
	Replaced (2) 1-3/8" Nuts
	ASME CODE CLASS I
	ISI CLASS I
	CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this Replacement forms to the rules of the ASME Code, Section XI. repair or replacement
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Signed
_	Øwner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by Arkwright Mutual Ins. Co. * of Norwood, Mass. have inspected the components described in this Owner's Report during the period 122-32 to 2-5-30, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Mich 555 Line Matter National Board, State, Province, and Endorsements
L	* Factory Mutual Group

(12/82)

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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

1. Owner INDIANA MICHIGA	N POWER	COMPANY	Date _	1/19/9	0 & 1-24-9	0	
Name P.O. Box 60 Fort Way	ne, IN	46801	Sheet	1	_of	2	
Address 2. Plant D.C. COOK NUCLE	AR POWE	R PLANT	Unit		2		
Name	Name						
One Cook Place, Bric Address		1 49106		76.FILI	E:ME-VAL-2 O. No., Job	-MRV-220	
		ARD, HAYS,	_				
3. Work Performed by <u>HESS</u> ,	HEFLIN, S	SANDERS			ol Stamp N		
_Same as #2	Name				No. <u>N/A</u> e <u>N/A</u>		
Address			_ 275220	iczon but	.u _11/15		
4. Identification of System	. M A 1	IN CUENA					
4. Identification of System		N STEAM		- ·			
5. (a) Applicable Const. Cod							
(b) Applicable Edition of		XI Utilized	for Repairs	or Repl	acements 19	83,	
Summer 1983 Adde	naa	,	_	,			
6. Identification of Compon	ents Repa	ired or Rep	Laced and Re	placemen	t Component	s	
·	1	 	γ	<u>, </u>		,	
Name of Name of Component Manufacturer	Manuf. Serial	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)	
					 		
VALVE 2-MRV-220		ļ	ļ	ļ	,		
REP.BODY N/A	N/A	N/A	N/A	N/A	REPAIRED	NO	
FAB.STUD NOVA	N/A	N/A	ASP-12000	N/A	REPLACED	ИО	
			 		 		
<u> </u>	<u> </u>	*	<u> </u>	<u> </u>	<u> </u>	l	
7. Description of Work	(See R	emarks)_		*		<u> </u>	
- ,		,					
8. Test Conducted: Hydrost	atic	Pneumatio	Nom:	inal Ope	rating Press	sure 🖾 `	
_				_	_	•	
Other Pressurepsi Test Temp°F							
NOTE: Supplemental sheets i (1) size is 8-1/2 in. x 11 i included on each sheet, and recorded at the top of this	n form of n., (2) i (3) each	lists, sket	ches, or dr in items 1 t	awings m hrough 6	ay be used, on this re	port is	

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Page 2 of 2

FORM NIS-2 (Back)

	Remarks Unit 2, VALVE 2-MRV-220 REPAIRED BODY FLANGE HOLE, FABRICATED
	Applicable Manufacturer's Data Reports to be attached
	& REPLACED STUDS REF.02-MM-079
	*PURCHASED BAR STOCK PER DCCPV1050CN
	B001150 Ref. JO #B011576 File:ME-VAL-2-MRV-220 ISI Class 2
•	
- [CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <pre>replacement/repair</pre> conforms to the rules of the ASME Code, Section XI. repair or replacement
le .	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A
	Signed T. P. Beilman Maint. Superintendent Date /-5 , 19 9/
	Owner of Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <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
٠,٠	Jan. 10 to Jan. 10, 1991, 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.
	National Board, State, Province, Endorsements
	Date <u>Jon. 10</u> , 19 9/ *FACTORY MUTUAL SYSTEM
	Date

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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

1. Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	_ Date _	1/20	0/90	
P.O. Bo	x 60 Fort Way	ne, IN	46801	_ Sheet	1	of <u>· 2</u>	
2. Plant <u>D.</u> (C. COOK NUCLE	AR POWE	R PLANT			. 2	
•	Name			-			
One Cool	k Place, Brid Address	gman, Mi	49106			:ME-VAL-2- O. No., Job	
3. Work Perf	ormed by D.STE	RNBERGE	₹			ol Stamp <u>N</u>	
_Same_a	s #2	Name				No. <u>N/A</u> e <u>N/A</u>	
,	Address						
5. (a) Applic (b) Applic	ation of System able Const. Code able Edition of er 1983 Adder	ANSI B3: ASME I Section	1.1/ <u>II </u>	Ed., 1986			
6. Identific	ation of Compone	ents Repa	ired or Repl	laced and Re	placemen	t Component	g ,
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
VALVE 2-MCM-231			,				
BONNET	ROCKWELL INT.	N/A	N/A	ASP-11082	1989	REPLACED	МО
BODY REP.	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
7. Descripti	on of Work	(See R	emarks)		<u> </u>		<u> </u>
_	ucted: Hydrosta	L	Pneumatic	Nomi	inal Ope	rating Press	ure 🖂
	Other [Pres	sure	psi	Test Te	mp.	°F
(1) size is 8 cluded on e	mental sheets in -1/2 in. x 11 in ach sheet, and (he top of this f	1., (2) in (3) each s	nformation i	n items 1 t	hraugh 6	on this rep	port is

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Page 2 of 2

FORM NIS-2 (Back)

4	Domawies	Unit 2, REPLACED VALVE BONNET; REPAIRED BODY
	Velugive -	Applicable Manufacturer's Data Reports to be attached
		FOR VALVE 2-MCM-231. WPS 15.5a AND WPS 20.3f
		Ref. JO #B006833 File:ME-VAL-2-MCM-231 ISI Class 2
		CERTIFICATE OF COMPLIANCE
	<u>replacer</u>	rtify that the statements made in the report are correct and this ment/repair conforms to the rules of the ASME Code, Section XI. replacement
	Certifica	Symbol Stamp N/A ats of Muthorization No. N/A Expiration Date N/A P. Beilman, Maint. Superintendent Date /- 5 , 19 9/ Owner of Owner's Designee, Title
		CERTIFICATE OF INSERVICE INSPECTION
	and Pressuby ARKWI have inspectively and belief described Code, Section By significantly, described employer a loss of Parky	dersigned, holding a valid commission issued by the National Board of Boiler are Vessel Inspectors and the State or Province of Michigan and employed RIGHT MUTUAL INS. CO.* of NORWOOD, MASS. acted the components described in this Owner's Report during the period to Ton. // 1921, 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 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 shall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection. Mich. 4086 Too's Signature National Board, State, Province, Endorsements
	Date	Jon. // 19 9/ *FACTORY MUTUAL SYSTEM

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

	/Michigan Ele Name 0, Fort Wayne			Date <u>1-22-90</u> Sheet <u>1</u> of _	2	•	
Plant Donald C				Unit2	-		
P.O. Box 45	8, Bridgman,	Michigan 4	9106	Job Order # 1	301092 ation P.O	3 RFC-197	78 ic.
Work Performed by_	CIMCO	Vame .		Type Code Symbol St Authorization No.)252-V	V	1
P.O. Box 21	8, Stevensvi	11e, MI. 49	9127	Expiration Date 12-	-31-90		· · · · · · ·
Identification of Sys	temECCS						
(a) Applicable Cons (b) Applicable Editi Identification of Co	on of Sectio©XI Util	lized for Repairs o	or Replacements	S'84 Ao 19 83 W/S'19	senda <u>, N</u> 83 Add	lenda	Code Cau
Name of - Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
7/8"Ø Rod	N/A	N/A	N/A	ASP-11944 ISA-453GR660	N/A	Replace- ment	NO
7/8" Nuts	i N/A	N/A	N/A	ASP-3855 SA-194GR-8F	N/A	Replace- ment	NO
	i	<u> </u>	<u> </u>	i	<u> </u>	i	<u>:</u>
		<u> </u>			3		<u> </u>
•				'	ļ		
	2-IRV-310	311 & 320.	Vominal Operat	th stainless	steel N/A	studs on	valves

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E, 47th St., New York, N.Y. 10017

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FORM NIS-2 (Back)

Applicable Manufecturer's Cate Reports to be establed Valves 2-IRV-310, 311 and 320. ASME Code Class II ISI Class II CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this replacement ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Certificate of Authorization No. N/A Certificate of Authorization No. Certificate of Authorization No. N/A Certificate of Michigan and employed by the National Board of Boiler and Pressure Vessel Inspector's and the State or Province of Michigan and employed by Arkwright Mutual Ins. Co. Norwood, Mass. In the Understanding the period. 2-5-20 In the Dest of my knowledge and belief, the Owner has performed examinations and taxen corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
ASME Code Class II ISI Class II 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 Signed N/A Certificate of Authorization No. N/A Expiration Date N/A Certificate of Authorization No. N/A Arkwight Mutual Ins. Co. * Norwood, Mass. In this Owner's Report during the period 2-5-36 In this Owner's Report during the period 2-5-36 In this Owner's Report during the period 2-5-36 In this Owner's Report during the period 3-5-36 In this Owner's Report during the period 3-5-36 In this Owner's Report during the period 3-5-36 In the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
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 Signed N/A Certificate of Authorization No. 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 Arkwright Mutual Ins. Co. * of Norwood, Mass. In this Owner's Report during the period 2-5-76 to the best of my knowledge and belief, the Owner has performed examinations and taxen corrective measures described in this
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 Signed N/A Certificate of Authorization No. 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 Arkwright Mutual Ins. Co. * of Norwood, Mass. In this Owner's Report during the period 2-5-76 to have inspected the components described in this Owner's Report during the period 2-5-76 to and state that to the best of my knowledge and belief, the Owner has performed examinations and taxen corrective measures described in this
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 Signed 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 Arkwright Mutual Ins. Co. * of Norwood, Mass. have inspected the components described in this Owner's Report during the period 2-5-76 to and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
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 Signed 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 Arkwright Mutual Ins. Co. * of Norwood, Mass. have inspected the components described in this Owner's Report during the period 2-5-36 to and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
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 Signed Owner or Owner's Designee, Titre 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. here inspected the components described in this Owner's Report during the period 7-5-36 to and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
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 Signed Owner or Owner's Designee, Titre 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. here inspected the components described in this Owner's Report during the period 7-5-36 to and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
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 Signed Owner or Owner's Designee. Title Council 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 Arkwright Mutual Ins. Co. * of Norwood, Mass. have inspected the components described in this Owner's Report during the period 2-5-76 to and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
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 Signed Owner or Owner's Designee. Title Council 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 Arkwright Mutual Ins. Co. * of Norwood, Mass. have inspected the components described in this Owner's Report during the period 2-5-76 to and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Signed Normal or Owner's Designee, Titre 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. * Norwood, Mass. have inspected the components described in this Owner's Report during the period 2-5-20 to and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Signed Owner or Owner's Designee, Titre 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 2-5-70 to and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
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. In this Owner's Report during the period 2-5-36 to have inspected the components described and the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Certificate of Authorization No. N/A Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by Arkwright Mutual Ins. Co. * of Norwood, Mass. In this Owner's Report during the period 2-5-36 to and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
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or Province of Michigan and employed by Arkwright Mutual Ins. Co. of Norwood, Mass. In this Owner's Report during the period 2-5-36 to
Norwood, Mass. In this Owner's Report during the period 2-5-36 In this Owner's Report during the period 2-5-36 To the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
, to the best of my knowledge and belief, the Owner has performed examinations and taxen corrective measures described in this
, to the best of my knowledge and belief, the Owner has performed examinations and taxen corrective measures described in this
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.
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Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date Fix b 5 19 70 * Factory Mutual Group
Oate 19 70 ractory fluctual Group

(12/82)

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P.0	. Box 60,	Fort Wayne	, Indiana 4	6801 s	heet1 of	2		
lant_	Donald C.	Cook Nucle	ar Plant		Joit 2			
P.0	. Box 458	B, Bridgman,	Michigan 4	9106	Job Order #]	800122	.7 . No., Jos No., •	16.
York P	erformed by	CIMCO	Same		Type Code Symbol St	amp	7	
P.0	. Box 218	3, Stevensvi	lle, MI. 49	9127	Authorization No	12-31-	-90	
dentif	ication of Suss	Acquess m <u>Residual</u>	Heat					
				83 52000	S184Ao		NONE	Code Ca
(a) AD (b) AD	plicable Consti plicable Editio	ruction Code <u>ASM</u> n of Sectio&XI Util	ized for Repairs o	r Replacements	19 83 W/S'198	3 Adde	enda	,0008 0
		oponents Repaired o						
	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		i i		1	
								ASM
				National			Repaired,	Stamp (Ye
	ame of ponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	or Replacement	1
/811	Bolt HX.HD.	N/A	N/A	N/A	ASP-3693 SA-193GR.B7	N/A	Replace-	i NO
	Nut	<u> </u>		!	ASP-11240	,	Replace-	NO
/8"	W/.spring	Unistrut	P1012S 	N/A	: 30-100437 :	N/A	ment	- NO
		<u>i</u>	<u> </u>	<u>i</u>	<u> </u>	<u>; </u>	- !	<u> </u>
		<u> </u>		<u> </u>		!	<u> </u>	<u> </u>
,	•				e	•		
		Replaced t	nissino str	ut bolt.	nut and washe	er		
Test	Conducted:	Hydrostatic D	Pneumatic [^ PPI	iominal Operationi Li Test Temp.,	ng Pressure C	/A		•
NO.	TF: Sunniama	; and sheets in form	of live sketches	or drawings ma	y be used, provided (d (3) each sheet is no	1) size is	8% in, z 11 in., 1 and the number	21 inforr of sheet

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FORM NIS-2 (Back)

Remarks Replaced missing strut bolt and nut with washer for hanger #	2-GRH-L808
Applicable Manufacturer's Date Reports to be ettached	и
ASME Code Class II	
ISI Class II	······································
•	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to t ASME Code, Section XI.	he rules of the
Type Code Symbol StampN/A	
Certificate of Authorization No. N/A Expiration Date N/A	
Signed Fortice Course Sesignee, Title	<u>90</u>
CERTIFICATE OF INSERVICE INSPECTION	
t, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspector Province of Michigan and employed by Arkwright Mutual Ins. Co. *	iors and the State
Norwood, Mass.	ponents described
in this Owner's Report during the period. 2-5-50	and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measure	es described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this cartificate neither the Inspector nor his employer makes any warranty, expressed or impli	ed, concerning the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspecto	19yolams fin tan t
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
· instetion,	
MAT Mutanian Commissions Min 555 Girl	1/ £ T
U'	
2-5 19 90 * Factory Mutual	Group

(12/82)



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

1. Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	Date _		1/24/90				
P.O. Bo	x 60 Fort Way Address	ne, IN	46801	_ Sheet	1	of2				
2. Plant D.	C. COOK NUCLE	AR POWER	RPLANT	_ Unit _		2				
One Cook Place, Bridgman, MI 49106 Address HAYS, HESS, OMAN, RICE, 3. Work Performed by IMLER, DOBBINS B011580, FILE: ME-VAL-2-MRV-240 Repair Org. P.O. No., Job No., etc Type Code Symbol Stamp N/A										
_Same_a		Name		Author	ization	No. N/A				
4. Identific	ation of System		MAIN STEA	M						
(b) Applic	4. Identification of System <u>MAIN STEAM</u> 5. (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed., Add. N-416 Code Case</u> (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983. Summer 1983 Addenda									
6. Identific	ation of Compon	ents Repa	ired or Repl	laced and Re	placemen	t Component	8			
Name of Component	Name of Manufacturer	Manuf. Serial	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)			
VALVE 2-MRV-240				·	:					
WELD VENT	N/A	N/A	, N/A	N/A	1990	REPAIRED	NO			
STUD	HOPKINSONS	N/A	N/A	ASP-7119	1982	REPLACED	NO			
NUT	HOPKINSONS	N/A	N/A	ASP-461	1974	REPLACED	МО			
7. Description of Work (See Remarks) 8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure										
Other Pressurepsi Test Temp°F										
(1) size is 8 included on e	mental sheets in the state of the sheet, and he top of this	n., (2) in (3) each i	nformation i	n items 1 t	hrough 6	on this re	port is			

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Page 2 of 2

3 .	. Remarks	Unit 2. WELDED VENT LINE PER WPS 1.1 AND REPLACED STUD/NUT Applicable Manufacturer's Data Reports to be attached	
		ON VALVE 2-MRV-240	
		REF: 02-MM-079	
		Ref. JO #B011580 File:ME-VAL-2-MRV-240 ISI Class 2	
	,		
	•	CERTIFICATE OF COMPLIANCE	
	<u>replacen</u>	rtify that the statements made in the report are correct and this ment/REPAIR conforms to the rules of the ASME Code, Section XI. replacement	
	.Type Code	e Symbol Stamp N/A	-
		ate of Authorization Ngg N/A Expiration Date N/A	-
	Signed <u>T.</u>	P. Beilman, Maint, Superintendent Date Zikwamm, 19 11 Owner of Owner's Designee, Title	-
		- 	
	4	CERTIFICATE OF INSERVICE INSPECTION	
	and Pressu	dersigned, holding a valid commission issued by the National Board of Boil ure Vessel Inspectors and the State or Province of <u>Michigan</u> and employ RIGHT MUTUAL INS. CO.* of NORWOOD, MASS.	ler /ed
;	have inspe	ected the components described in this Owner's Report during the period to 1/22/90, and state that to the best of my knowledge	1 0
	and belief	f, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME	,-
	Code, Sect	tion XI.	
	warranty,	ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures	3
	employer a	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.	r
	MA Pro	tor's Signature Commissions Mich 555, End NII National Board, State, Province, Endorsement	its
		*FACTORY MUTUAL SYSTEM	
ĺ	Date _/-	19_9/	

* * 31 " Ţ: 177 Section . 一年 一年 サイル・大田の間 ... (1 4,000 中一年 五學 原文一里 4417 - v e ₹.4 ₹.4 E. 1, 8, 4 4.

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

/									
1. Owner IN	DIANA MICHIGA Name	N POWER	COMPANY	Date _		L/24/90			
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2									
2. Plant D.C. COOK NUCLEAR POWER PLANT unit 2									
One Cook Place, Bridgman, MI 49106 Address REESE, SANDERS, MARTIN, HESS, Work Performed by SANDERS, LAYMAN, KRIEGER Name B011578, FILE: ME-VAL-2-MRV-230 Repair Org. P.O. No., Job No., etc Type Code Symbol Stamp N/A Authorization No. N/A									
<u>Same</u> a	s # 2					e N/A			
	Address			_					
4. Identific	ation of System	_	ма	IN STEAM					
									
5. (a) Applic	able Const. Cod	e <u>ANSI B</u>	<u>31.1</u> 19 <u>83</u>	Ed.,	Add	N-416 c	ode Case		
(D) Applic	able Edition of ner 1983 Adder	Section :	XI Utilized	for Repairs	or Repl	acements 19 <u>8</u>	33		
				,					
6. Identific	ation of Compon	ents Repa	ired or Rep	laced and Re	placemen	t Components	3		
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)		
VALVE 2-MRV-230			-				,		
WELD VENT LINE	N/A	N/A	N/A	N/A	1990	REPAIRED	NO		
B/B STUDS	ATWOOD M.	N/A	N/A	ASP-7119	1982	REPLACED	ИО		
B/B NUTS	ATWOOD M.	N/A	N/A	ASP-461	1973	REPLACED	ИО		
7. Description of Work(See Remarks) 8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure									
Other Pressurepsi Test 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.									

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Page 2 of 2

•	Remarks Unit 2. REPLACED B/B STUDS/NUTS AND WELDED VENT LINE PER Applicable Manufacturer's Data Reports to be attached								
	WPS 1.1 ON VALVE 2-MRV-230								
	REF. 02-MM-079								
	Ref. JO #B011578 File:ME-VAL-2-MRV-230 ISI Class 2								
	CERTIFICATE OF COMPLIANCE								
r	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 T. P. Beilman, Maint! Superintendent Date 21 (2004), 19 41 Owner of Owner's Designee, Title								
	CERTIFICATE OF INSERVICE INSPECTION								
•	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <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 M.LL 555, END Ni I National Board, State, Province, Endorsements								
	Date								

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FORM N

18-2	OWNER'S	REPORT	FOR :	REPAI	RS OR REP	LACEMI	ents			
'		As Requ	ired h	by the	Provisions	of the	ASME	Code	Section	XI

1.	Owner <u>INI</u>	DIANA MICHIGAI Name	N POWER	COMPANY	Date _	1/	24/90			
	P.O. Box	60 Fort Way	ne, IN	46801	Sheet	1	of <u>2</u>			
		Address					•			
2.	Plant D.C	C. COOK NUCLE	AR POWER	PLANT	Unit		2	· · ·- · · · · · · · · · · · · · ·		
		2123112					*			
	One Cool	C Place, Bride Address	gman, MI	49106			:ME-VAL-2- O. No., Job			
		ALLENSI	ACH, OMAN	, IMLER,	-	•	·			
3.	Work Perf	ormed by <u>HAYS.</u>	HESS,RIC Name	E, DOBBINS	Type C		ol Stamp <u>N</u> No. <u>N/A</u>			
	Same a	s #2					e N/A			
		Address			_					
4.	Identific	ation of System		М	AIN STEAM		, ,			
_							N-416 CO	do Cago		
5.	(a) Applic	able Const. Code able Edition of	Section 2	<u>II 19//</u> E XI Utilized	for Repairs	Add	acements 19	83,		
h		er 1983 Adder			-	_				
7	Identific	ation of Compone	ents Repa	ired or Repl	laced and Re	placemen	t Component	3		
_						·	-			
		'					Repaired	ASME		
,					Other		Replaced or	Code Stamped		
	,		Manuf.	National Board	Identi- fication	Year Built	Replace-	(Yes		
(Name of Component	Name of Manufacturer	Serial No.	No.	Ticación	bulle		02,		
	VALVE									
2.	-MRV-210			<u></u>						
В	/B	ATWOOD &	N/A	N/A	ASP-461	1973	REPLACED	МО		
s	TUDS/NUTS	MORRILL COMP.			ASP-8391	1982	<u> </u>			
						<u> </u>				
		1	·							
				-						
		J	/C F	lomowica \						
7.	Descripti	on of Work	(See R	(emarks)	<u></u>					
8.	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure									
		Other L	Pre	ssure	psi	Test Te	-qme	°F		
NO	NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided									

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Page 2 of 2

	Remarks Unit 2. REPLACED BODY TO BONNET STUDS AND NUTS FOR VALVE Applicable Manufacturer's Data Reports to be attached							
	2-MRV-210. CUT & REWELDED VENT LINE WITH WPS 1.1							
	REF. 02-MM-079							
	Ref. JO#B011574 File:ME-VAL-2-MRV-210 ISI Class 2							
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 T. P. Beilmar, Maint. Superintendent Date /-5- , 19 9/							
	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 to <u>Jon. 11, 1991</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures							
- 1	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.							
	Rocky W. White commissions Mich. # 0686							
,	Inspector's Signature National Board, State, Province, Endorsements							
•	Date							
7								

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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

=				*********************************							
1.	1. Owner INDIANA MICHIGAN POWER COMPANY Date 2/5/90 Name										
	P.O. Bo	x 60 Fort Way Address	ne, IN	Sheet	1	of 2					
2.	Plant D.	C. COOK NUCLE	AR POWE	R PLANT	Unit _	£	22				
	One Cool	k Place, Brid Address HEFLI	lgman, Mi	49106		B000300, FILE: ME-VAL-2-MRV-223 Repair Org. P.O. No., Job No., etc					
. 3.	Work Perf	ormed by DOBBI		ERS	Type Code Symbol Stamp N/A						
			Name				No. N/A				
	<u>Same</u> a	s #2 Address			_ Expira	ation Dat	e <u>N/A</u>				
Δ.	Tdentific	Address ation of System	ħ	TATN STEAM		•					
	(a) Applic	able Const. Cod able Edition of	e <u>*PAGE</u>	219	Ed.,						
		er 1983 Adder									
6.	Identific	ation of Compon	ents Repa	ired or Rep	Laced and Re	placemen	t Component	ß ,			
· [Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)			
2	VALVE -MRV-223	FISHER	N/A	N/A	N/A	N/A	REPAIRED	NO			
						-	•				
	þ							·			
	# H - F						 				
7.	Descripti	on of Work	(See R	temarks)			J				
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure											
	Other Pressurepsi Test TempoF										
(1 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 included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.										

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Page 2 of 2

	Remarks Unit 2. REPAIRED DAMAGED SEATING SURFACE ON BONNET & BONNET						
	Applicable Manufacturer's Data Reports to be attached						
	SPACER FOR VALVE 2-MRV-223.MACHINED & WELDED PER WPS 16.3						
	* ANSI B31.1 1983 EDITION						
	Ref. JO #B000300 File:ME-VAL-2-MRV-223 ISI Class 2						
r							
	CERTIFICATE OF COMPLIANCE						
	We certify that the statements made in the report are correct and this						
ļ	repair conforms to the rules of the ASME Code, Section XI. repair or replacement						
ļ	Type Code Symbol Stamp N/A						
1	Certificate of Authorization No N/A Expiration Date N/A						
ı	Signed T. P. Beilman, Maint. Superintendent Date Zamukan, 19 31						
1	Owner of Owner's besigned, Title						
7	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 1-30-90 to 2-14-90, and state that to the best of my knowledge						
ı	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.						
١	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 Moch 565 ENDNET National Board, State, Province, Endorsements						
	*FACTORY MUTUAL SYSTEM						
	Date <u>Jan 3</u> 19 9/						
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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

. Owner INDIANA MICHIGAN POWER COMPANY Date 5/16/90									
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2									
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2									
Name									
One Cook Place, Bridgman, MI 49106 Address B50175,FILE:2-GCTS-S-116W Repair Org. P.O. No., Job No., et	.c								
3. Work Performed by IMLER, ALLENSPACH, LAYMAN Type Code Symbol Stamp N/A									
Name Authorization No. N/A Same as #2 Expiration Date N/A	-								
Same as #2 Address Expiration Date N/A									
4. Identification of System CONTAINMENT SPRAY									
5. (a) Applicable Const. Code ANSI B31.1 1967*Ed., N/A Add. N/A Code Cas (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									
Repaired ASME Replaced Code									
Name of Name of Serial Board Identi- Year Replace- (Yes	d								
Component Manufacturer No. No. fication Built ment or No.									
SNUBBER 2-GCTS-S- GRINNELL 28518 N/A 76124910-148 1976 REPLACED NO									
SNUBBER 2-GCTS-S- GRINNELL 31260 N/A R78317496-9 1978 REPLACE- NO 116W									
•									
7. Description of Work(See Remarks)									
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure									
N/A Other Pressurepsi Test 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									

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Page 2 of 2

A.	Remarks	Unit 2. REPLACED SNUBBER 2-GCTS-S116W S/N 28518 WITH					
		Applicable Manufacturer's Data Reports to be attached					
		S/N 31260 *MATERIALS PROCURED TO DESIGN CRITERIA & INSTALLED					
		PER T/S AND MANUFACTURER'S INSTRUCTIONS.					
		Ref. JO #B50175 File:PS-HS-2-GCTS-S116W ISI Class 2					
		Ref. JU #B50175 File.F3-N3-2-GC13-S110W ISI Class 2					
		•					
_	, <u>.</u>						
		CERTIFICATE OF COMPLIANCE					
	We cer	tify that the statements made in the report are correct and this					
1	replacem	conforms to the rules of the ASME Code, Section XI.					
ļ	-						
		Symbol Stamp N/A					
	Certificate of Anthorization No. N/A Expiration Date N/A						
	Signed $\frac{F}{\Gamma}$.	P. Beilman, Maint. Superintendent Date 2-5- , 19 9/					
1		Owner of Owner's Designee, Title					
<u>'</u>							
		CERTIFICATE OF INSERVICE INSPECTION					
	and Dwagge	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 NORWOOD, MASS.					
- [have inspe	RIGHT MUTUAL INS. CO.* of NORWOOD, MASS. ected the components described in this Owner's Report during the period					
i	and holist	to, and state that to the best of my knowledge					
	described	in this Owner's Report in accordance with the requirements of the ASME					
	Code, Sect By signi	ing this certificate neither the Inspector nor his employer makes any					
	warranty,	expressed or implied, concerning the examinations and corrective measures in this Cuper's Report. Furthermore, neither the Inspector nor his					
		any kind arising from or connected with this inspection.					
	all 1	Commissions Mich 555 End NET National Board, State, Province, Endorsements					
-	Inspect	National Board, State, Province, Endorsements					
		*FACTORY MUTUAL SYSTEM					
	Date <u>Fe</u>	<u>66 6 19 991 </u>					

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X.

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

. — — — — — — — — — — — — — — — — — — —										
1. Owner <u>I</u>	NDIANA MICHIGA Name	N POWER	COMPANY	Date		5/17/90				
P.O. B	ox 60 Fort Way	ne, IN	46801	Sheet	1	_of2				
_	Address									
2. Plant D	2. Plant D.C. COOK NUCLEAR POWER PLANT unit 2									
One Co	One Cook Place, Bridgman, MI 49106 Address B50176,FILE:PS-2-GCTS-S-115S Repair Org. P.O. No., Job No., etc									
3. Work Per	I rformed by <u>HESS.</u>	MLER, DOBBINS,	BACKUS	Type	Code Svm	bol Stamp _]	N/A			
		Name		Autho	rization	No. N/A				
Same	as #2 Address			Expir	ation Da	te <u>N/A</u>				
4. Identif:	ication of System		ONTAINM	IENT SPRAY F	IPE SUE	PPORT (SNU	BBER)			
(b) Appl	icable Const. Cod icable Edition of	Section :								
Sur	nmer 1983 Adden	<u>nda</u>				•				
6. , Identif	ication of Compon	ents Repa	ired or R	deplaced and R	eplaceme:	nt Component	:8			
		Γ	T							
		- ,		ļ	<u>}</u>	Repaired	ASME			
		Manuf.	Nat.	Other		Replaced or	Code Stamped			
Name of	Name of Manufacturer	Serial	Board	Identi-	Year	Replace-	(Yes			
Component	Manuracturer	No.	No.	fication	Built	ment	or No)			
SNUBBER 2GCTS-115S	GRINNELL	18522	N/A	CYL.S/N 75503196-87	1975 '	REPLACED	NO			
SNUBBER 2GCTS-115S	GRINNELL	31256	N/A	CYL.S/N7618 1172-132	1976	REPLACE- MENT	ио			
7. Description of Work(See Remarks)										
8 Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure										
N/A Other Pressurepsi Test 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										

corded at the top of this form.

Victor.

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A	Remarks	Unit 2. REPLACED SNUBBER 2-GCTS-S115-S,S/N 18522 WITH				
		Applicable Manufacturer's Data Reports to be attached				
	1	S/N_31256				
	•	*PURCHASED TO DESIGN CRITERIA & INSTALLED PER T/S & MFG. INST.				
		Ref. JO #B50176 File:PS-2-GCTS-S115-S ISI Class 2				
<u> </u>		· · · · · · · · · · · · · · · · · · ·				
	•	CERTIFICATE OF COMPLIANCE				
	Wo co	etify that the statements made in the veneut are several and this				
	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				
	Certifica	ate of Authorization No. N/A Expiration Date N/A				
	Signed T.	P. Beilman, Maint Superintendent Date 25 munu , 19 91				
1	ч	Owner of Owner's Designee, Title				
		CERTIFICATE OF INSERVICE INSPECTION				
	T the uni	dersigned, holding a valid commission issued by the National Board of Boiler				
- {	and Pressi	are Vessel Inspectors and the State or Province of <u>Michigan</u> and employed				
- 1	by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period					
- 1	1-28-9	to, and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures				
	and belies described	i, 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.				
1	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				
		shall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.				
	212 1	Mitter square Commissions Mich 555, END NIT				
	Inspect	or's Signature National Board, State, Province, Endorsements				
	Date	*FACTORY MUTUAL SYSTEM				
	Date	17				

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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

1. Owner INDIAN	A MICHIGAN PO	OWER COMPAN	NY	Date5-22	2-90		
P.O. Box	60 Fort Wayr	ne, IN 468	Sheet 1 of 2 ·				
2. Plant D.C. COO	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	WER PLANT	Unit 2				
One Cook Pl	Rice, Herrma	n, MI 493 n, Raycraf	JO #B018578, Bile: ME-VAL-2-DCR-32(Repair Organization P.O. No., Job No., etc.				
5. (a) Applicable Con: (b) Applicable Edit	struction Code_*	19	Edition,	A	ddende,_		_Code Case
6. Identification of Co				•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	nuuenua	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE 2-DCR-320	HAMMEL- DAHL		N/A	ASP-11665	1988	 	NO
					<u> </u>		
		,		,			
,							
7. Description of Work	(See Rema	rks) ·			<u></u>		
8. Tests Conducted:	Hydrostetic Prossure_		ominal Operating Test Temp	Pressure X			
NOTE: Supplemention in items 1 throrecorded at the top	ital sheets in form of ough 6 on this repor of this form.	flists, sketches, o t is included on	or drawings may each sheet, and	be used, provided (1) (3) each sheet is nur	size is 8% nbered an	i in. x 11 in., (2) i d the number of	informe- sheets is

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017
FABRICATED TO ORIGINAL DESIGN SPECIFICATION AND EXAMINED IN ACCORDANCE WITH ASME SECTION XI 1983 EDITION; SUMMER 1983 ADDENDA.

Company of the second * j' O. 100

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FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED VAI	LVE PLUG FOR VALVE 2-DCR-320
App	plicable Manufecturer's Data Reports to be attached
Ref. J.O. #B018578	File: ME-VAL-2-DCR-320 ASME Class 2
•	
	CERTIFICATE OF COMPLIANCE
We certify that the statements made ASME Code, Section XI.	in the report are correct and this <u>REPAIR</u> conforms to the rules of the
	REPLACEMENT
Type Code Symbol Stamp N/A	
. *	
Certificate of Authorization No. N/A	Expiration Date N/A
Signed T. P. Beilman, Maintenar	nce Sperintendantoete \5 200000000000000000000000000000000000
Owner or Owner's Designee, Title	<u> </u>
CEF	RTIFICATE OF INSERVICE INSPECTION
	issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
norWood, MASS.	employed by ARKWRIGHT MUTUAL INS. CO.* of have inspected the components described
in this Owner's Report during the period	5-25-90 to, and state that
to the best of my knowledge and belief, the C Owner's Report in accordance with the require	Owner has performed examinations and taken corrective measures described in this
i '	ector nor his employer makes any warranty, expressed or implied, concerning the
	ed in this Owner's Report, Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal inspection.	injury or property damage or a loss of any kind arising from or connected with this
	Mark EEP C. O.JT
112 Material Line Control Signature	Commissions Mich 555 End N & I National Board, State, Province, and Endorsements
	*FACTORY MUTUAL SYSTEM
Date 9-25 19-90	

(12/82)

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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

1. Owner	IN	DIANA MICHIGA	N POWER	COMPANY	_ Date _	7	/2/90		
P.O.	Во	Name x 60 Fort Way	ne, IN_	46801	Sheet	1	of2_		
		Address							
2. Plant	2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2							-	
One (أمما	k Place, Brid	cman Mi	19106	B0167/	מזדם כו	:PS-44-2-I	, , 20-10E	
<u>0116_</u>	<u></u>	Address	gmarr, 111	, 49100			0. No., Job		
3. Work I	Perf	ormed byJ	OHN VERN	Ţ	Type C	ode Symb	ol Stamp <u>N</u>	/A	
			Name	÷	Author	ization	ation No. N/A		
Sam	e a	s #2 Address			_ Expira	tion Dat	e <u>N/A</u>		
IA.		•							
4. Ident:	Lfic	ation of System		CONTAINME	NT SPRAY		<u> </u>		
		able Const. Code able Edition of							
		er 1983 Adder							
6. Identi	Lfic	ation of Compone	ents Repa	ired or Repl	laced and Re	placemen	t Component	B	
Name of		Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)	
ORIFICI 2-RO-18	_						_		
STUDS		CARDINAL	N/A	N/A	ASP-10614	1988	REPLACED	NO	
·									
		<u> </u>		<u> </u>		<u> </u>			
						,			
7. Descri	lpti	on of Work	(See R	emarks)	<u> </u>		·		
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure									
N/A Other Pressurepsi Test 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.									

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Page 2 of 2

	Remarks Unit 2, REPLA	CED FLANGE STUDS ON RESTRICTING ORIFICE 2-RO-18E						
	Applicable Man	ufacturer's Data Reports to be attached						
								
	· · ·							
	Ref. JO #B016	742 File:PS-44-2-RO-18E ISI Class 2						
-	·							
		CERTIFICATE OF COMPLIANCE						
	We certify that the state replacement conformed replacement	We certify that the statements made in the report are correct and this <pre>replacement</pre> conforms to the rules of the ASME Code, Section XI. repair or replacement						
ų * į .	Type Code Symbol Stamp	I/A						
1	Certificate of Authorization No N/A Expiration Date N/A							
	Signed T. P. Beilman, Maint. Owner of Owner's De	Superintendent Date 14 way , 1951						
	CERT	IFICATE OF INSERVICE INSPECTION						
	and Pressure Vessel Inspector by ARKWRIGHT MUTUAL INS. Contains the inspected the components Tan: 14 to Tan and belief, the Owner has per	valid commission issued by the National Board of Boiler is and the State or Province of <u>Michigan</u> and employed o.* of <u>NORWOOD, MASS.</u> Is described in this Owner's Report during the period of the Mass of the Mass of the Mass of the Assessment in accordance with the requirements of the ASME						
	By signing this certificate warranty, expressed or implied described in this Owner's Repembloyer shall be liable in a a loss of any kind arising from the state of the state o	e neither the Inspector nor his employer makes any ed, concerning the examinations and corrective measures cort. Furthermore, neither the Inspector nor his any manner for any personal injury or property damage or com or connected with this inspection.						
	Recty W-Achite Inspector's Signature	Commissions Mich. #0898 National Board, State, Province, Endorsements						
	Inspector's Signature Date	*FACTORY MUTUAL SYSTEM						

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			وكند المستحددات				
. Owner IND	DIANA MICHIGA Name	N POWER	COMPANY	_ Date _	•	7/2/90	
P.O. Box	60 Fort Way	ne, IN	46801	_ Sheet	1	_of	2
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2							
One Cook	Name Place, Brid	aman MI	10106	P0165	7 DC-4	4-2-TEV 21	15 OD
·	Address	gman, m	49100		Org. P.	4-2-IFX-21 O. No., Job	No., etc
3. Work Perfo	ormed by	R.SMITH Name				ol Stamp N	
Same as	s #2 Address					No. <u>N/A</u>	
		•					
4. Identifica	ation of System		<u>NTAINMENT</u>	SPRAY			-
	able Const. Code able Edition of						
	er 1983 Adden		,		•		
6. Identifica	ation of Compone	ents Repai	ired or Repl	Laced and Re	placemen	t Component	s ' ·
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
ORIFICE 2-IFX-215 -OR					·		
STUDS/NUTS	CARDINAL IND.	N/A	N/A	ASP-10614	1988	REPLACED	NO
				<u> </u>	<u></u>	<u></u>	
7. Description of Work(See Remarks)							
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure							
N/A Cother Pressurepsi Test 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.							

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Page 2 of 2

Remarks _	Unit 2. REPLACED STUDS/NUTS FOR ORIFICE 2-IFX-215-OR						
	Applicable Manufacturer's Data Reports to be attached						
	PURCHASED IN ACCORDANCE WITH SPECIFICATION DCCPV1050CN						
7%	Ref. JO # B016537 File:PS-44-2-IFX-215-OR ISI Class 2						
	CERTIFICATE OF COMPLIANCE						
We cer <u>replacem</u> repair or	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 StampN/A						
Certifica	te of Anthonization No. N/A Expiration Date N/A						
Signed T. P. Beilman, Maint. Superintendent Date /- 5 , 19 9 / Owner of Owner's Designee, Title							
1							
	CERTIFICATE OF INSERVICE INSPECTION						
by ARKWR have inspection and belief	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. cted the components described in this Owner's Report during the period to						
Code, Sect. By signing warranty, described employer signing.	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.						
Roche	W. White commissions Mich. # 0686						
Inspect	W. White						
	*FACTORY MUTUAL SYSTEM						

· CAR **1** 14 ا مراء ۲ ť A CONTRACTOR OF THE PARTY OF TH į, 37 E. F.)**.

	y	-			•					
1.	Owner IN	DIANA MICHIGA Name	N POWER	COMPANY	Date _		7/2/90			
	P.O. Box	x 60 Fort Way	ne, IN	46801	Sheet	1	of2	2		
2.	Plant D.C	C. COOK NUCLE	AR POWER	PLANT	Unit _		22			
	One Cool	k Place, Brid Address	gman, MI	49106		B016741, FILE: PS-44-2-IFX-220-OR Repair Org. P.O. No., Job No., etc				
3.	Work Perf	ormed by J. V	ERN		Type Co	ode Symbo	ol Stamp <u>N</u>	/A		
	Samo a	a #2	Name		Author	ization	No. N/A			
	<u>same a</u>	s #2 Address			_ Expira	tion Dat	e <u>N/A</u>			
4.	Identific	ation of System	CONTA	INMENT SP	RAY					
5.	(a) Applic	able Const. Code	ASME	III 19 <u>86</u>	Ed., 1987	Add or Repl	N/A C	ode Case		
•		er 1983 Adder		,				l.		
6.	Identific	ation of Compone	ents Repa	ired or Repl	Laced and Re	placemen	t Component:	3 ′ ,		
	Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)		
_	ORIFICE -IFX-220 OR									
SI	UDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-10818	1988	REPLACED	МО		
	,							·		
7.	Descripti	on of Work	(See R	emarks)						
	•						•			
8.	Test Cond	ucted: Hydrost	atic L	Pneumatic	Nomi	nal Oper	ating Press	ure L		
	N/A Other Pressurepsi Test Temp°F									
(1) inc	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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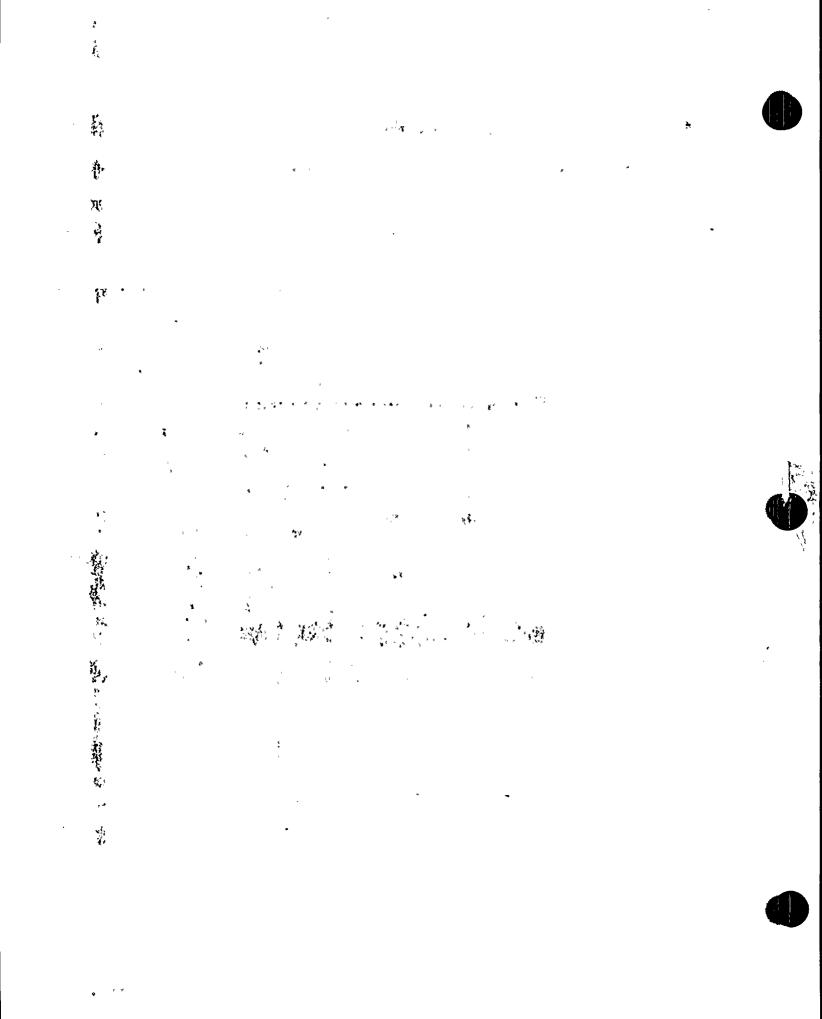
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Page 2 of 2

	Remarks	Unit 2, REPLACED STUDS/NUTS FOR ORIFICE 2-IFX-220-OR Applicable Manufacturer's Data Reports to be attached
		PURCHASED PER SPECIFICATION DCCPV1050CN
¥		Ref. JO #B016741 File:PS-44-2-IFX-220-OR ISI Class 2
		CERTIFICATE OF COMPLIANCE
	replaceme	ify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI. replacement
1	. Certificat	Symbol Stamp N/A Expiration Date N/A
	Signed T.	P. Beilden, Maint. Superintendent Date /- 5 , 19 9/ Owner of Owner's Designee, Title
D_		
		CERTIFICATE OF INSERVICE INSPECTION
*	and Pressur by ARKWR have inspec- and belief described	ersigned, holding a valid commission issued by the National Board of Boiler to Vessel Inspectors and the State or Province of <u>Michigan</u> and employed to Of NORWOOD, MASS. The Components described in this Owner's Report during the period to Tan. 10,197, 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 signing warranty, of described de	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.
	Porky 1	W. White Commissions Mich. # 0686 National Board, State, Province, Endorsements
	Date Jo	W. White Commissions Mich. # 0686 National Board, State, Province, Endorsements *FACTORY MUTUAL SYSTEM

KN 10

. Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	Date _	7-29-9	0	
P.O. Bo	x 60 Fort Way Address	ne, IN	46801	Sheet,	1	_of2	
. Plant D.	C. COOK NUCLE	AR POWER	R PLANT	Unit _		22	
One Coo	k Place, Brid Address Sprag	gman, Mi ue, Rayo				VAL-2-MS-1 O. No., Job	
. Work Perf	formed by Malor	y, Germa	in, Ingle		ode Symb	ol Stamp N	/A
_Same_a	ıs #2	Name		Author _ Expira	ization tion Dat	No. N/A	
	Address	•		-			
Identific	ation of System	Main S	team	<u> </u>			
(b) Applic Summ	able Const. Cod able Edition of mer 1983 Adder ation of Compon	Section :	XI Utilized	for Repairs	or Repl	acements 198	33,
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
/alve 2-MS-135-3	Henry Vogt	N/A	n/A	ASP-12187	1990	Replaced	No
C.S. Pipe C" Sch. 80	Dubose	N/A	N/A	ASP-10859	1986	Replaced	No
							·
Descripti	on of Work	(See R	emarks)	J		1	
Test Cond	ucted: Hydrost	atic 🗀	Pneumatic	Nomi	nal Oper	rating Press - Code - Case	4
•	Other [Pres	ssure	psi	Test Te		- N-416 ₹₹
.) size is 8 cluded on e	mental sheets in -1/2 in. x 11 in ach sheet, and he top of this	n., (2) in (3) each i	nformation i	in items 1 t	hrough 6	on this rep	ort is



3	. Remarks _	Unit 2. Replaced Valve 2-MS-135-3, Replaced Approx. 3' of						
Applicable Manufacturer's Data Reports to be attached								
	C.S., 2" Pipe Adjacent to Valve with WPS 1.1							
		•						
								
		Ref. JO #B005138 File: ME-VAL-2-MS-135-3 ISI Class 2						
Γ	•							
\parallel		CERTIFICATE OF COMPLIANCE						
	We cer	tify that the statements made in the report are correct and this						
	repair or	ent conforms to the rules of the ASME Code, Section XI. replacement						
-	Type Code	Symbol StampN/A						
ł		te of Authorizacion No. N/A Expiration Date N/A						
		Control of the contro						
	Signed T.	P. Beilman (Maint. Superintendent Date Vocation , 1990 Owner of Owner's Designee, Title						
Ĺ								
		CERTIFICATE OF INSERVICE INSPECTION						
	I, the und	ersigned, holding a valid commission issued by the National Board of Boiler						
\cdot	by ARKWR	re Vessel Inspectors and the State or Province of <u>Michigan</u> and employed IGHT MUTUAL INS. CO.* of <u>NORWOOD, MASS.</u>						
1	have inspe	cted the components described in this Owner's Report during the period						
١,	and belief, the Owner has performed examinations and taken corrective measures							
1	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							
1	employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.							
1	ma plat	engual commissions Mich 555 Euil Ni'T						
	Inspect	or's Signature National Board, State, Province, Endorsements						
		*FACTORY MUTUAL SYSTEM						
	Date /2	<u>- 20 19 90 </u>						

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1. The second of
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1. Owner <u>IN</u>	DIANA MICHIGA	N POWER	COMPANY	Date _		7/31/90	
,	Name			*			
P.O. Bo	x 60 Fort Way Address	ne, IN	46801	Sheet	1	of2	¥
				_		_	
2. Plant <u>D.</u>	C. COOK NUCLE	AR POWER	R PLANT	Unit _		2	
	•••	_				ŧ	
<u>One Coo</u>	<u>k Place, Brid</u> Address	lgman, Mi	49106			:ME-VAL-2	
•	Address		r	Repair	org. P.	O. No., Job	No., etc
. Work Perf	ormed by MATTH	IEWS, YOU	1G	Туре С	ode Symb	ol Stamp N	/A -
		Name				No. N/A	
_Same_a	as #2	 		_ Expira	ation Dat	e <u>N/A</u>	
	Address						
. Identific	ation of System	·	MAIN STEA	М			*
			050011				
	able Const. Cod able Edition of						
	ner 1983 Adder		YI OCITIZED	for Repairs	or Kebi	acements 19	83,
. Identific	ation of Compon	ents Repa	ired or Rep	laced and Re	placemen	t Component	g
···-	1		1	, 		,	γ
					•	Repaired	ASME
		ſ		Other	Ĭ	Replaced or	Code Stamped
-	1	Manuf.	National	Identi-	Year	Replace-	(Yes
Name of Component	Name of Manufacturer	Serial No.	Board No.	fication	Built	ment	or No)
Component	Manulacculer	1.0.	NO.	 	 	 	
VALVE				į	. 4	}	
2-SV-2A-2	 	 		 	 	 	<u> </u>
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-472	1975	REPLACED	NO
		ļ		,		j	i.
	-		 	 		 	
		 		 	 	 	
·		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Doggwinti	on of Work	/See B	emarks)_				
. neactther	On or hork	1000 1	Cilicia No.				
			į				N N
. Test Cond	lucted: Hydrost	atic	Pneumatic	Nom	inal Ope	rating Press	sure
				34			
•	Other	Pres	ssure	_ bsi	Test Te	mp	°F
•		•				4	
OTE: Supple	mental sheets i 3-1/2 in. x 11 i	n form of	lists, sket	ches, or dr	awings m	ay be used,	provided
ncluded on e	each sheet, and	(3) each	sheet is nur	mbered and t	he numbe	r of sheets	is
ecorded at t	he top of this	form.					

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Page 2 of 2

. Remarks _	Unit 2, REPLACED INLET BOLTING FOR VALVE 2-SV-2A-2 Applicable Manufacturer's Data Reports to be attached
	PURCHASED PER DCCPM1050CN
•	Ref. JO #B002557 File:ME-VAL-2-SV-2A-2 ISI Class 2
	CERTIFICATE OF COMPLIANCE
<u>replaceme</u>	ify that the statements made in the report are correct and this ont 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
	P. Beilman, Maint. Superintendent Date /-5 , 19 9/
0	Wner of Owner's Designee, Title
	
	CERTIFICATE OF INSERVICE INSPECTION
and Pressur by ARKWRI have inspec	rsigned, holding a valid commission issued by the National Board of Boiler to 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>Jan. 11, 1991</u> , and state that to the best of my knowledge the Owner's Report in accordance with the requirements of the ASME
By signin warranty, e described i employer sh	ig 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.
Rocky	or's Signature Commissions Mich. # 0686 National Board, State, Province, Endorsements
Inspecto	r's Signature National Board, State, Province, Endorsements
1	*FACTORY MUTUAL SYSTEM
Date 5	Tan. 11, 19 91

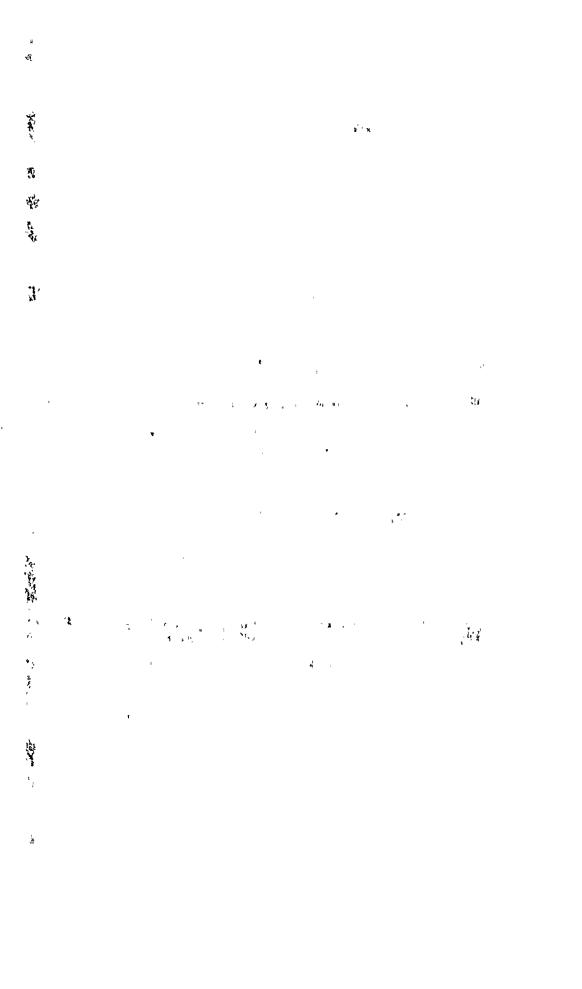
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1. Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	_ Date _		7-31-90	
P.O. Bo	x 60 Fort Way	ne, IN	46801			of2	
					,		
2. Plant D.	C. COOK NUCLE Name	AR POWER	RPLANT	Unit _		2	
One Cool	k Place, Brid Address	gman, M]	49106			ME-VAL-2-S	
3. Work Perf	ormed by MATTH	EWS, YOU	ING	,		ol Stamp <u>N</u>	
	· ·	Name		Author	ization	No. N/A	
<u>Same a</u>	S #2 Address			_ Expira	tion Dat	e <u>N/A</u>	
•	ation of System	4			-		•
	able Const. Code						rodo Cago
(b) Applic	able Edition of	Section :					
Summ	er 1983 Adder	<u>ida</u>		_	•		-
6. Identific	ation of Compone	ents Repai	ired or Repl	laced and Re	placemen	t Component	5
Name of Component	Name of Manufacturer	Manuf. Serial	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
	Manufacturer		110.	<u> </u>			
VALVE 2-SV-1B-2	}			j] '
STUD	NO.CENT.FAST.	N/A	· N/A	ASP-472	1975	REPLACED	NO
STUDS/NUTS	BAYLINE BOLT	N/A	N/A	ASP-3265	1980	REPLACED	NO
			[<u> </u>			<u> </u>
L			ļ	<u> </u>	<u> </u>	<u> </u>	<u></u>
7. Descripti	on of Work	(See R	emarks)				
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure							
	۲	 1			-		
	Other L	Pres	sure	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.							



	UNIT 2 COMMERCIAL SERVICE DATE 2-1-1978 NATIONAL BOARD NUMBER 1 FORM NIS-2 (Back) Page 2 of 2 79
Remarks _	Unit 2, REPLACED INLET & OUTLET BOLTING ON VALVE 2-SV-1B-X Applicable Manufacturer's Data Reports to be attached
-	PURCHASED PER DCCPM1050CN
	Ref. JO #B50038 File:ME-VAL-2-SV-1B-2 ISI Class 2
•	CERTIFICATE OF COMPLIANCE
<u>replacement</u>	tify that 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
Certifica	te of Authorization No. N/A Expiration Date N/A
Signed <u>T</u>	P. Beilman, Maint. Superintendent Date /- 5 , 19 9/ Owner of Owner's Designee, Title
ı	. CERTIFICATE OF INSERVICE INSPECTION .
and Pressum by ARKWR have inspendent and belief	ersigned, holding a valid commission issued by the National Board of Boiler re Vessel Inspectors and the State or Province of Michigan and employed IGHT MUTUAL INS. CO.* of NORWOOD, MASS. octed the components described in this Owner's Report during the period to Jan. // 177/, 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.
By signi- warranty, described employer st a loss of	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.
	or's Signature Commissions Mich. # 0686 National Board, State, Province, Endorsements
	*FACTORY MUTUAL SYSTEM
Date	n. //19_9/

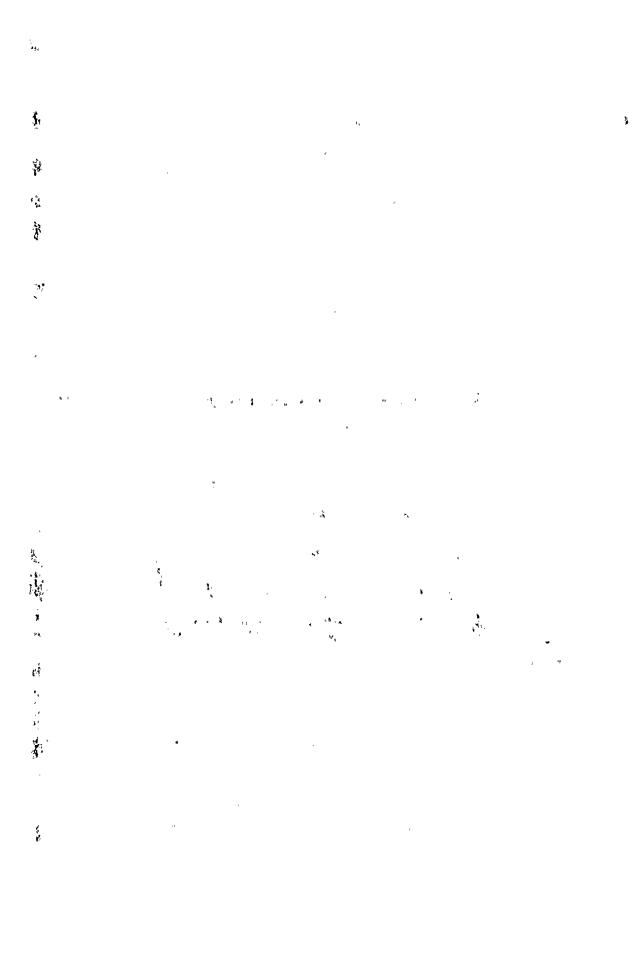
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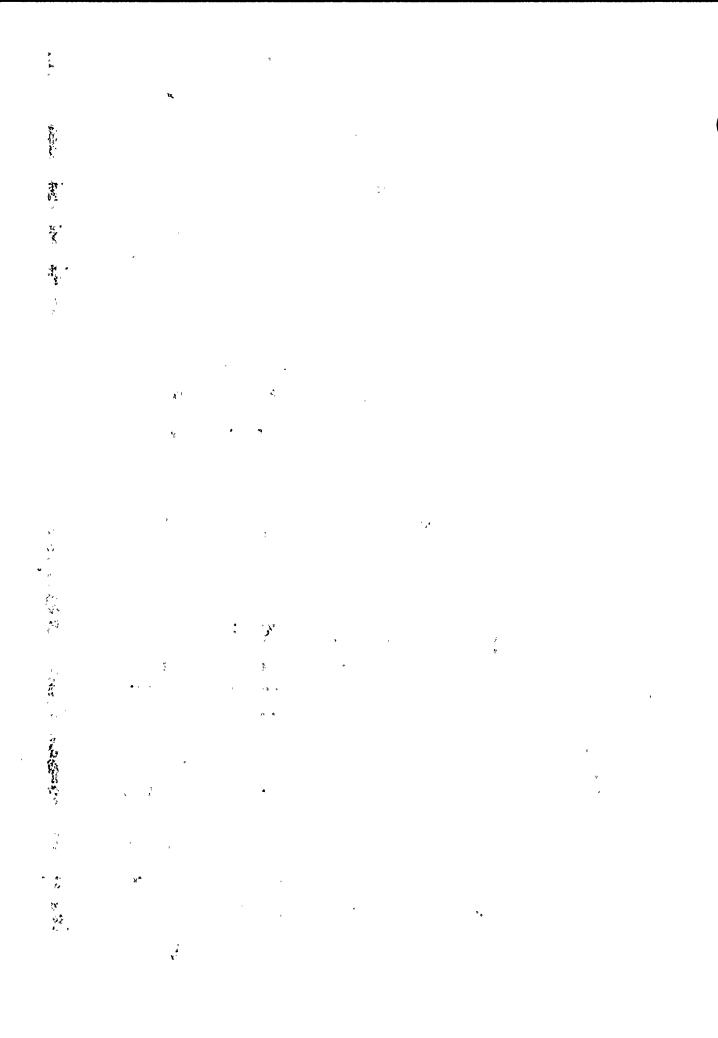
FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

			•					
1	Owner IN	DIANA MICHIGA Name	N POWER	COMPANY	_ Date _	7-	31-90	,
	P.O. Bo	x 60 Fort Way	ne, IN	46801	_ Sheet	<u> </u>	of2	
2	. Plant D.	C. COOK NUCLE	AR POWE	RPLANT	Unit _		22	
		Name			*			
	One Cool	k Place, Brid Address	gman, M	49106			ME-VAL-2-S	
_	· »	*********			-	•	•	
3	. Work Perf	ormed by MATTH	EWS, YOUN Name	1 <u>G</u>		ode Symb	ol Stamp <u>N</u> No. <u>N/A</u>	I/A
	<u>Same a</u>	s #2			_ Expira		e N/A	
		Address			*			
4	. Identific	ation of System		MAIN STEA	м			
5	(b) Applic	able Const. Code able Edition of er 1983 Adder	Section :					
_		,	_ _	inad an Dami		1		_
0	. Identific	ation of Compone	эпсв кера	red or kepi	.aced and ke	pracemen	c Component	s
			Manuf.	National	Other Identi-	Year	Repaired Replaced or Replace-	ASME Code Stamped (Yes
	Name of Component	Name of Manufacturer	Serial No.	Board No.	fication	Built	ment	or No)
	• VALVE 2-SV-1A-2							
	FLG.STUDS & NUTS	NO.CENT.FAST. BAYLINE BOLT	N/A	N/A	ASP-272 ASP-3265	1975 1980	REPLACED	NO
L			,					
L							<u> </u>	
ſ								
7	. Descripti	on of Work	(See R	emarks)				÷ ę
8	. Test Cond	ucted: Hydrosta	atic	Pneumatic	Nom.	inal Ope	rating Press	sure .
	•	Other [Pres	ssure	psi_	Test Te	emp	°F
				11-41-4	ahaa ay du			nwowldod

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



	FORM NIS-2 (Back)
	9. Remarks <u>Unit 2, REPLACED OUTLET BOLTING FOR VAL</u> VE 2-SV-1A-2
	Applicable Manufacturer's Data Reports to be attached
	PURCHASED PER DCCPM105QCN
	1 1 St. c41
	1-4-41 2 3
	Ref. JO #B50036 File:ME-VAL-2-1A-Y 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
1	repair or replacement
•	Type Code Symbol Stamp N/A
	Certificate of Authoritation No. N/A Expiration Date N/A
	Signed T. F. Beilman, Maint. Superintendent Date / J , 19 8/
	Owner of Owner's Designee, Title
	,
	CERTIFICATE OF INSERVICE INSPECTION
	CURTIFICATO OF INSURATOR INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler
	and Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed by ARKWRIGHT MUTUAL INS. CO.* of 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 measures
1	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
ļ	a loss of any kind arising from or connected with this inspection.
	Chu all askite . M. h # accc
İ	Raky W. White Commissions Mich. # 0686 Inspector's Signature National Board, State, Province, Endorsements *FACTORY MUTUAL SYSTEM
	2.1.5.7.4.1.0.5.7 Bildozdemonds
	*FACTORY MUTUAL SYSTEM
	Date VAN V

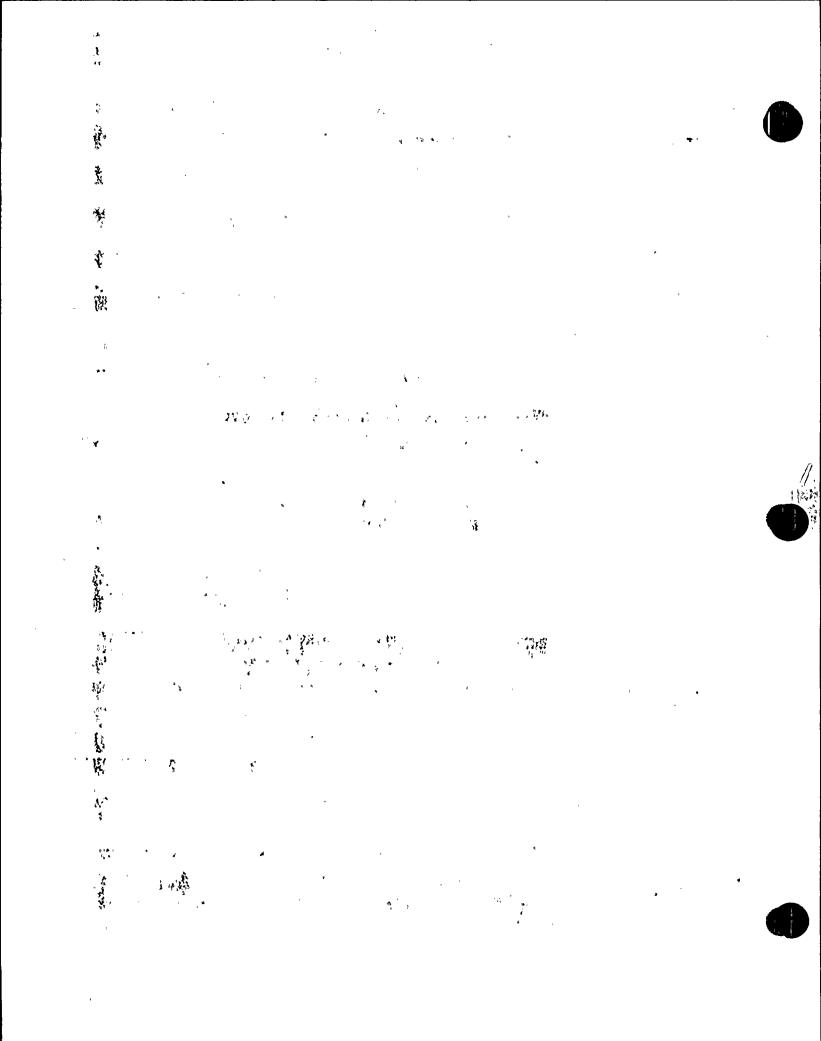


1.	Owner <u>IN</u>	DIANA MICHIGA	N POWER	COMPANY	Date _	8/	1/90		
	P.O. Bo	Name x 60 Fort Way	ne, IN_	46801	Sheet	. 1	_of2	•	
	Address								
2.	Plant D.	C. COOK NUCLE	AR POWE	R PLANT	Unit _		. 2		
	000 000	la Diama' Duda				n===			
	One Coo	k Place, Brid Address	qman, m.	1 49106			:ME-VAL-2- O. No., Job		
_				77.0		_	•	•	
3.	Work Peri	formed by <u>MATT</u>	HEWS, YOU Name	JNG			ol Stamp N		
	_Same_a	as #2Address					e <u>N/A</u>		
		Address	•				-		
4.	Identific	ation of System		MAIN STE	AM		•		
5.	(a) Applic	able Const. Code	e DCCPM1	050CN19 -	Ed.,	Add.		ode' Case	
	Summ	able Edition of ner 1983 Adder	section . nda	XI Utilized	for Repairs	or Repl	acements 19	83,	
						_			
7	Identific	ation of Compone	ents Repa	ired or Repl	laced and Re	placemen	t Component	9	
	, i		Manuf.	National	Other Identi-	Year	Repaired Replaced or Replace-	ASME Code Stamped (Yes	
1	Name of Component	Name of Manufacturer	Serial No.	Board No.	fication	Built	ment	or No)	
						 	 		
İ	VALVE 2-SV-1A-3	ł	}	1	1	*	}	,	
s	STUDS/NUTS	NO.CENT.FAST.	N/A	N/A	ASP-272	1975	REPLACED	ИО	
1			,		1	*	1		
Г	•								
		1.							
Щ.		1	<u> </u>	<u> </u>		·	.l	ł <u> </u>	
7.	Descripti	on of Work	(See R	emarks)					
8.	Test Cond	lucted: Hydrost:	atic	Pneumatic	, Dom	inal Ope	rating Press	ure 🔀	
4	·								
		Other	Pres	ssure	psi	Test Te	mp	°F	
(1 in) size is 8 cluded on e	mental sheets in -1/2 in. x 11 in ach sheet, and	n., (2) i: (3) each :	nformation i	in items 1 t	hrough 6	on this rep	port is	
re	corded at t	he top of this	torm.						

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Page 2 of 2

	. Remarks _	Unit 2. REPLACED OUTLET FLANGE STUDS/NUTS FOR VALVE 2-SV-1A-3 Applicable Manufacturer's Data Reports to be attached
		PURCHASED PER DCCPM1050CN Ref. JO #B002564 File:ME-VAL-2-SV-1A-3 ISI Class 2
7	·	Ret. 00 %BOO2564 FITE:ME-VAD-2-SV-IA-5 ISI CLASS 2
		CERTIFICATE OF COMPLIANCE
, •	<u>replaceme</u>	cify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI. replacement
		Symbol Stamp N/A
	Signed Ti	Pl Beilman, Maint. Superintendent Date / , 19 9/ Owner of Owner's Designee, Title
		CERTIFICATE OF INSERVICE INSPECTION
	and Pressur by ARKWR] have inspect and belief, described if Code, Secti By signification warranty, of described if employer shall a loss of a	resigned, holding a valid commission issued by the National Board of Boiler te Vessel Inspectors and the State or Province of <u>Michigan</u> and employed <u>NORWOOD, MASS.</u> The ted the components described in this Owner's Report during the period to <u>Jan. // 199/</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 ton 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 or any kind arising from or connected with this inspection. **Commissions** Mich. # 0686** Ox's Signature** National Board, State, Province, Endorsements
	Date	Tan. 11, 19 9/ *FACTORY MUTUAL SYSTEM



1.	Owner IN	DIANA MICHIGA Name	N POWER	COMPANY	Date		8/6/90	
							-	
	P.O. Bo	x 60 Fort Way Address	ne, IN	46801	Sheet	1	of2	······································
2	Dlank D	C COOK MIGTE	AD DOMET	מזר אונה	** ! A.		•	
2.	Plant D.	C. COOK NUCLE Name	AR POWER	K PLANT	Unit _	 -	2	
	One Cool	k Place, Brid	oman. Mi	49106	02470	9.FILE:	ME-VAL-2-R	C-103-T.4
		Address	311131131131			Org. P.	O. No., Job	No., etc
з.	Work Perf	ormed by F.COX	, P.COLV	VARD	Type (ode Symb	ol Stamp <u>N</u>	/A
		•	Name				No. N/A	
•	<u>Same</u> a	s #2			Expir	ation Dat	e N/A	
		Address					•	
4.	Identific	ation of System		REACT	OR COOLANT			_ <u></u>
5.	(a) Applic	able Const. Code	a ASME I	II 198	30 Ed., 1984	Add.	C	ode Case
	(b) Applic	able Edition of	Section	XI Utiliz	ed for Repairs	or Repl	acements 198	33,
		ier 1983 Adder			•	•		
6.	Identific	ation of Compone	ents Rena	ired or R	enlaced and Re	anlacemen	t Components	
	*				opiacoa ana in	.pracomon		· -
							Repaired	ASME
ļ					<u> </u>	j	Replaced	Code
-	Name of	Name of	Manuf. Serial	Nat. Board	Other Identi-	Year	or Replace-	Stamped (Yes
	component	Manufacturer	No.	No.	fication	Built	ment	or No)
	VALVE							
2-	RC-103L4	,					đ	
	BONNET .	CONVAL INC.	N/A	N/A	ASP-7690	1984	REPLACED	NO
								
	·					<u> </u>	 	
-					1	 	 	
<u> </u>		L	<u> </u>	<u> </u>	<u> </u>	<u> </u>		
7.	Descripti	on of Work	(See R	emarks)		- <u>-</u>		
8.	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure							
or root convector illerancers runmers nomine observend troughts								
Other Pressurepsi Test Temp°F								
		Other -	Pres	ssure	baı	Test Te	mp	
NOT	E: Supple	mental sheets in	form of	lists, s	ketches, or dr	awings m	ay be used,	provided
(1) inc	(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							
rec	recorded at the top of this form.							

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Page 2 of 2

	Remarks Unit 2. REPLACED BONNET ON VALVE 2-RC-103-L4 Applicable Manufacturer's Data Reports to be attached
	Ref. JO #024709 File:ME-VAL-2-RC-103-L4 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 T. P. Beilman, Maint. Superintendent Date ZSanton, 19 51 Owner of Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <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 state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
	Inspector's Signature Commissions Mich 555, END NAT National Board, State, Province, Endorsements
	Date

で、中、香 40. 167 **#**. ## |}

1. Owner IN	Date _	··	8/6/90					
P.O. Bo	P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2							
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2								
One Coo	One Cook Place, Bridgman, MI 49106 Address B008101,FILE:ME-VAL-2-MS-135- Repair Org. P.O. No., Job No., etc							
3. Work Peri	formed by GRAVE	NMIER, BE	RINKS			ol Stamp N		
		Name		Author	ization	No. N/A		
_Same_a	AS #2 Address			_ · Expira	tion Dat	e N/A		
A Toontific			WATE C	en en en en en en en en en en en en en e	¥.			
,4. Identific	cation of System	-	MAIN S	TEAM			 	
5. (a) Applic	cable Const. Cod cable Edition of	e <u>* PAGE</u> Section	2 19 - XI Utilized	Ed.,	Add.	acements 19	ode Case	
	ner 1983 Adder			Joz Kopuzas	01p2			
. Identific	cation of Compon	ents Repa	ired or Rep	laced and Re	placemen	t Component	9	
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)	
VALVE 2-MS-135-2	Vogt	N/A	N/A	ASP-12187	1989	REPLACED	NO	
2" S/80 CS PIPE	CAPITAL PIPE & STEEL PROD	N/A	N/A	ASP-10859	1986	REPLACED	NO	
			,					
	,	İ	}	}	1	bs		
7 Dozanini	on of Work	(Soo P	omarke)					
/. Descripti	On or work		ematks			·	······	
8. Test Cond	lucted: Hydrost	atic	Pneumatio	Nomi	inal Ope	rating Press	ure 🔀	
• 1	Other Pressurepsi Test Temp°F							
(1) size is 8 included on e	mental sheets in 1/2 in. x 11 in ach sheet, and the top of this	n., (2) i: (3) each :	nformation :	ln items 1 t	hrough 6	on this rep	ort is	

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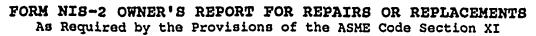
Page 2 of 2



9.	Remarks _	Unit 2. REPLACED VALVE 2-MS-135-2 & 2' OF S/80 SMLS CS PIPE
4		Applicable Manufacturer's Data Reports to be attached
		* PERCHASED PER SPEC. DCCPV8300CN & DCCPV1050CN
		REF. 12-MM-22 WELDING PER WPS 20.1 & 1.1
		Ref. JO #B008101 File:ME-VAL-2-MS-135-2 ISI Class 2
1		CERTIFICATE OF COMPLIANCE
-	replacem	tify that the statements made in the report are correct and this ment conforms to the rules of the ASME Code, Section XI.
ł	repair or	replacement
	Type Code	Symbol Stamp N/A
	Certifica	te of Authorization Net N/A Expiration Date N/A
ł		P. Beilman, Maint. Superintendent Date 2 August , 19 %
_	·	Owner of Owner's Resignee, Title
		
		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 IGHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS.
1	have inspe	cted the components described in this Owner's Report during the period
	and belief	to 10/12/90, and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures
	described Code, Sect	in this Owner's Report in accordance with the requirements of the ASME
ı	By signi	ng this certificate neither the Inspector nor his employer makes any
	warranty, described	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
1		any kind arising from or connected with this inspection.
	Thenect	Commissions Mich 565 End NiL or's Signature National Board, State, Province, Endorsements
	Tuppece	
-	Date/-	*FACTORY MUTUAL SYSTEM
1		

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1. Owner INDIANA MICHIGAN POWER COMPANY Date 8/7/90 Name							
P.O. Bo	x 60 Fort Way Address	ne, IN	46801	Sheet	1	_of2	
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2							
One Coo	k Place, Brid Address	gman, M	I 49106	B50037, FILE: ME-VAL-2-SV-2B-1 Repair Org. P.O. No., Job No., etc			
	formed by <u>DIEN</u>	ER, VER	es	Author	ization	ol Stamp <u>N</u> No. <u>N/A</u>	
_Same_a	as #2 Address			_ Expira	tion Dat	e N/A	
4. Identific	cation of System		MAIN STEA	M			
(b) Applic	cable Const. Code cable Edition of ner 1983 Adder	Section	050CN19 - XI Utilized	Ed., for Repairs	Add. or Repl	acements 19	ode Case 83,
6. Identific	cation of Compone	ents Repa	ired or Rep	laced and Re	placemen	t Component	g
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-2B-1			,				•
FLG. BOLTS	NO.CENT.FAST.	N/A	N/A	ASP-3693	1980	REPLACED	ИО
FLG.NUTS	CARDINAL	N/A	N/A	ASP-11630	1989	REPLACED	МО
,							
7. Descripti	ion of Work	(See R	lemarks)	<u>.</u>	L	<u> </u>	
	lucted: Hydrost	[Pneumatio	, Mom	inal Ope	rating Press	sure 🖂
•	Other Pressurepsi Test Temp°F						
(1) size is 8 included on e	emental sheets in 3-1/2 in. x 11 in each sheet, and the top of this	n., (2) i: (3) each :	nformation :	in items 1 t	hrough 6	on this re	port is

No. 2) 學本 11/2 . T T

Page 2 of 2

PURCHASED PER DCCPM1050CN Ref. JO #B50037 File:ME-VAL-2-SV-2B-1 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. Type Code Symbol Stamp N/A Certificate of Authorization Not N/A Expiration Date N/A Signed T. P. Beilman, Maint Superintendent Date Maint Owner of Owner's Debignee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARWANGHT MOTURL INS. CO. Of NORMOD, MASS. AND ARWANGHT MOTURL INS. CO. Of NORMOD, MASS. And beliefs the Owner has performed examinations and taken corrective measures deadless of the Components described in this Owner's Report 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 Malanamash Commissions Note Title National Board, State, Province, Endorsements *FACTORY MUTUAL SYSTEM *FACTORY MUTUAL SYSTEM	. Re	marks	
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 Expiration Date N/A Certificate of Authorization N/A Expiration Date N/A Signed T. P. Beilman, Maint(Superintendent Date Michigan and employed Owner of Owner's Debignde, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. Co.* of NORMOOD, 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 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 Matura Market Commissions Macros Mutual System *FACTORY MUTUAL SYSTEM*			Applicable Manufacturer's Data Reports to be attached
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization Not N/A Expiration Date N/A Signed T. P. Beilman, Maint(Superintendent Date Michigan and employed Owner's Debignee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. Co.* of 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 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. Mathematical Commissions Note 55, End NiI Inspector's Signyture *FACTORY MUTUAL SYSTEM			PURCHASED PER DCCPM105QCN
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 Not N/A Expiration Date N/A Signed T. P. Beilman, Maint(Superintendent Owner of Owner's Debignee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period rolling to to 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 inspector. MR Matus August Commissions Mich Sessions Net Sessions Province, Endorsements *FACTORY MUTUAL SYSTEM			Ref. JO #B50037 File:ME-VAL-2-SV-2B-1 ISI Class 2
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 Not N/A Expiration Date N/A Signed T. P. Beilman, Maint(Superintendent Owner of Owner's Debignee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period rolling to to 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 inspector. MR Matus August Commissions Mich Sessions Net Sessions Province, Endorsements *FACTORY MUTUAL SYSTEM		*	• · · · · · · · · · · · · · · · · · · ·
replacement repair or replacement Type Code Symbol Stamp			CERTIFICATE OF COMPLIANCE
Certificate of Authorization No. N/A Expiration Date N/A Signed T. P. Beilman, Maint(Superintendent Owner's Debignee, Title Date No. 19 9) 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 10/11/90 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. MR Matura Raugh Commissions Nich 555, End Nit Inspector's Signature National Board, State, Province, Endorsements	<u>r</u>	eplaceme	nt conforms to the rules of the ASME Code, Section XI.
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 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 Motor Mandel. Commissions Maio 555, End Will Inspector's Signature *FACTORY MUTUAL SYSTEM	тy	pe Code	Symbol Stamp N/A
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period / 10/12/90 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. MR Motors mand Commissions Mich 555, End Will Inspector's Signature National Board, State, Province, Endorsements	Ce	rtificat	e of Authorization Now N/A Expiration Date N/A
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 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 Matasamus Commissions Mesh 555, Endwill Inspector's Signature National Board, State, Province, Endorsements	si	gned T.	P. Beilman, Maint(Superintendent Date 19 19 9)
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 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 Matas pand. Commissions Mich 555, End Will Inspector's Signature National Board, State, Province, Endorsements		· ·	wher of Owner's Designee, Title
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by 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 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 Matas pand. Commissions Mich 555, End Will Inspector's Signature National Board, State, Province, Endorsements			· · · · · · · · · · · · · · · · · · ·
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 of NORWOOD, MASS. NORWOOD, MASS.			CERTIFICATE OF INSERVICE INSPECTION
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 Motos pauge. Commissions Mich 555, END NIT Inspector's Signature National Board, State, Province, Endorsements *FACTORY MUTUAL SYSTEM	and by hav and des	Pressure ARKWRICE inspection //2 / 90 lbelief, scribed in	e Vessel Inspectors and the State or Province ofMichigan and employed GHT MUTUAL INS. CO.* ofNORWOOD, MASS. ' ted 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
Inspector's Signature National Board, State, Province, Endorsements *FACTORY MUTUAL SYSTEM	emp	y signing ranty, excribed in ployer sha	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
*FACTORY MUTUAL SYSTEM	1		tors many Commissions Mich 555, End Wil
Date19_9/		Inspecto	•
·	Dat	e <u>//</u>	2 Z19_9/
			·

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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

1. Ow	ner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	Date _		8/8/90		
<u>p.</u>	P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2								
2. Pl	ant <u>D.</u>	C. COOK NUCLE	AR POWER	RPLANT	Unit _		2	 -	
<u>or</u>	ne Cool	k Place, Brid Address	gman, Mi	49106		24,FILE Org. P.	:ME-VAL-2- O. No., Job	-CS-329L1	
3. Wo:	rk Perf	ormed byM.	BRODEN		_	•	ol Stamp <u>N</u>	-	
			Name		Author		No. <u>N/A</u>		
. —	Same a	S #2 Address		 	_ Expira	tion Dat	e N/A		
				*				r.	
4. Id	entific	ation of System	RE	ACTOR LET	DOWN & CHA	RGING	(CVCS)		
5. (a) (b)	Applic	able Const. Code able Edition of	Section :	<u>III</u> 19 <u>86</u> XI Utilized	Ed., 1987 for Repairs	Add. or Repl	N/A carements 19	ode Case 83	
		ER 1983 ADDEN		•					
6. Id	entific	ation of Compone	ents Repa	ired or Repi	laced and Re	placemen	t Component:	3	
	e of	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)	
VA 2-CS-	LVE 329L1		,						
B/B S	TUDS	TEXAS BOLT	N/A	N/A	ASP-10375	1988	REPLACED	NO	
B/B N	UTS	NOVA	N/A	· N/A	ASP-11824	1989	REPLACED	ИО	
·					<u> </u>				
7. De:	scripti	on of Work	(See R	emarks)		<u> </u>			
•		ucted: Hydrosta	lJ		, Nomi	inal Oper	rating Press	ure 🔀	
		Other [Pres	ssure	psi	Test Te	mp	°F	
(1) sid	Other Pressurepsi Test 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.								

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Page 2 of 2

1	Remarks	Unit 2, REPLACED BODY/BONNET STUDS/NUTS ON VALVE Applicable Manufacturer's Data Reports to be attached						
		2-CS-329-L1						
		· · · · · · · · · · · · · · · · · · ·						
		Ref. JO #B000124 File:ME-VAL-2-CS-329-L1 ISI Class 1						
		, , , , , , , , , , , , , , , , , , ,						
	·							
		CERTIFICATE OF COMPLIANCE						
	replaceme	ify that the statements made in the report are correct and this nt conforms to the rules of the ASME Code, Section XI. replacement						
	Type Code	Symbol Stamp N/A						
		e of Authorization No. N/A Expiration Date N/A						
		P. Beilman, Maint Superintendent Date 16 Describer , 19 90						
İ	Signed T. O	wner of Owner's Designee, Title						
		CERTIFICATE OF INSERVICE INSPECTION						
	and Pressur by ARKWRI have inspec- inspectant in the second and belief, described in	ersigned, holding a valid commission issued by the National Board of Boiler to Vessel Inspectors and the State or Province of Michigan and employed CHT 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 knowledge the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME						
	Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.							
		Commissions Mich 555, E.V. NIT National Board, State, Province, Endorsements						
	_	*FACTORY ĤUTUAL SYSTEM						
	Date							

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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

	va vedarted	by the Pi	OAIRIOUR OF	THE ASME CO	de Sect.	rou xr			
1. Owner IN	DIANA MICHIGA Name	N POWER	COMPANY	_ Date _	8	/9/90			
P.O. Bo	x 60 Fort Way	ne, IN	46801	_ Sheet	1_	of2			
	Address					_			
2. Plant D.	2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2								
One Cook Place, Bridgman, MI 49106 B50033, FILE: ME-VAL-2-SV-3-4 Address Repair Org. P.O. No., Job No., etc									
3. Work Perf	ormed by DIEN	ER, VERES	3	Type C	ode Symb	ol Stamp N	/A		
. .		Name		Author	ization	No. N/A			
_Same_a	Address			_ Expira	tion Dat	e <u>N/A</u>	· ·		
4. Identific	ation of System	м	IAIN STEAM				¥		
5. (a) Applic	able Const. Code	e <u>DCCPM1</u> Section :	050CN19 -	Ed.,					
Sumn	ner 1983 Adder	<u>ıda</u>			-				
6. Identific	ation of Compone	ents Repa	ired or Repl	laced and Re	placemen	t Component	8 ,		
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)		
VALVE 2-SV-3-4				,					
FLNG BOLTS	NO.CENT.FAST.	N/A	N/A	ASP-3693	1980	REPLACED	NO		
FLNG NUTS	CARDINAL	N/A	N/A	ASP-11630	1989	REPLACED	NO		
×1						-			
						<u></u>			
7. Descripti	on of Work	(See R	emarks)						
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure									
Other Pressurepsi Test Temp°F									
(1) size is 8 included on e	mental sheets in 1/2 in. x 11 in ach sheet, and he top of this :	n., (2) i (3) each a	nformation i	n items 1 t	hrough 6	on this rep	oort is		

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Page 2 of 2

{	Remarks _	Unit 2, REPLACED OUTLET FLANGE BOLTING FOR VALVE 2-SV-3-4
	•	Applicable Manufacturer's Data Reports to be attached
		PURCHASED PER DCCPM105QCN
		Ref. JO #B50033 File:ME-VAL-2-SV-3-4 ISI Class 2
	•	•
		·
		·
ı		CHREST OF COURT TIVE
1	•	CERTIFICATE OF COMPLIANCE
	We cert	tify that the statements made in the report are correct and this ent conforms to the rules of the ASME Code, Section XI.
j	repair or	replacement
ļ	Type Code	Symbol Stamp N/A
	. –	A A
-		of Anthorization No. N/A Expiration Date N/A
	Signed T!	P. Beilman, Maint. Superintendent Date /-5 , 19 9/
	C	Owner of Owner's Designee, Title
7	· ·	
	-	CERTIFICATE OF INSERVICE INSPECTION
- [· I, the unde	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 NORWOOD, MASS.
	have inspec	cted the components described in this Owner's Report during the period
i	Jan Jan	n. 10 to Jan. 11, 1991, and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures
	described	in this Owner's Report in accordance with the requirements of the ASME
	Code, Secti	Lon XI.
1	By signin	ng this certificate neither the Inspector nor his employer makes any
-	warranty, e	expressed or implied, concerning the examinations and corrective measures In this Owner's Report. Furthermore, neither the Inspector nor his
ł	employer si	hall be liable in any manner for any personal injury or property damage or
	a loss of a	any kind arising from or connected with this inspection.
-	Pak	y W. White commissions Mich. #0686
		National Board, State, Province, Endorsements
1	V	*FACTORY MUTUAL SYSTEM
1	Date	Tan. 11, 19 91
	•	,

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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

1. Owner IN	DIANA MICHIGA	N POWER	COMPANY	_ Date _	8,	/9/90		
Name P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2								
P.U. BO	X 60 FORC Way Address	ne, in	46801	_ Sheet	<u>+</u>	of2		
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2								
	Name				,	¥2.		
One Coo	k Place, Brid	qman, MI	49106_	B00256	55,FILE	:ME-VAL-2-	-SV-2A-4	
•	Address			Repair	Org. P.	O. No., Job	No., etc	
3. Work Perf	formed by DIEN	ER, VERES	3	Type C	ode Symb	ol Stamp <u>N</u>	/A	
	* -	Name	-			No. N/A		
_Same_a	AS #2 Address			_ Expira	tion Dat	e <u>N/A</u>	*	
	, Address							
4. Identific	ation of System	M	AIN STEAM					
5. (a) Applic	able Const. Code	DCCPM1	050CN19 -	Ed	Add.	(ode Case	
(b) Applic	able Edition of	Section 2	KI. Utilized	for Répairs	or Repl	acements 19	83,	
	ner 1983 Adder			•				
6. Identific	ation of Compone	ents Rena	red or Renl	aced and Re	nlacemen	t Component		
					bracemen			
Name of	Name of	Manuf. Serial	National Board	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)	
Component	Manufacturer	No.	No.					
VALVE 2-SV-2A-4								
FLNG BOLTS	NO.CENT.FAST.	N/A	N/A	ASP-3693	1980	REPLACED	NO	
FLNG NUTS	CARDINAL	N/A	N/A	ASP-11630	1989	REPLACED	ио	
		}		}				
	,]		
7. Descripti	on of Work	(See R	emarks)			·		
4			ŀ			1		
8. Test Cond	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure							
Other Pressurepsi Test Temp°F								
•								
(1) size is 8 included on e	mental sheets in -1/2 in. x 11 in ach sheet, and he top of this	n., (2) ir (3) each s	nformation i	n items 1 t	hrough 6	on this rep	oort is	

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Page 2 of 2

•	Remarks <u>Unit 2</u> Applica	REPLACED	OUTLET FLANGE BOLTING curer's Data Reports to be a	FOR VALVE 2-SV-2A-4 ttached
	PURCHASE	D PER DCCI	PM105QCN	,
	Ref. JO	#B002565	File:ME-VAL-2-SV-2A-4	ISI Class 2
		CERT	IFICATE OF COMPLIANCE	
	We certify that the replacement repair or replacement	conforms to	s made in the report are cor o the rules of the ASME Code	rect and this , Section XI.
	Type Code Symbol Stam	7		
		Waint. Supe	N/A Expiration erintendent Date /- J	
		CERTIFICA	TE OF INSERVICE INSPECTION	
	and Pressure Vessel In by ARKWRIGHT MUTUAL have inspected the com /// to and belief, the Owner described in this Owne Code, Section XI. By signing this cert warranty, expressed or described in this Owne employer shall be liab a loss of any kind ari // W. white Inspector's Signatu	ispectors and INS. CO.* iponents described and INS. CO.* iponents described and INS. CO.* iponents described and INS. CO.* iponents described and INS. CO.* iponents described and Ins. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Committee and INS. Co.* Committee and INS. CO.* Ins. Co.* In	id commission issued by the distance of Province of NORWOOD, MAS cribed in this Owner's Report 1971, and state that to the december of the English of the Province of the English of the E	Michigan and employed S. t during the period he best of my knowledge rrective measures rements of the ASME mployer makes any nd corrective measures nspector nor his y or property damage or tion.
	Date Jan. 11.	19 <u>_9/</u> _		

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FORM	NIS-2	OWNE	R'8	REPORT	FOR	REPA	IRS	OR	REPLACE	MENTS
Ag	Require	ed by	the	Provision	ns of	the i	ASME	Code	Section	XI

										
1. Owner INDIANA MICHIGAN POWER COMPANY Date 8/9/90 Name										
P.O. Bo	x 60 Fort Way Address	ne, IN	46801	Sheet	1	_of2	<u>.</u>			
2. Plant D.	2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2									
One Coo	One Cook Place, Bridgman, MI 49106 Address B50034, FILE: ME-VAL-2-SV-1B-4 Repair Org. P.O. No., Job No., etc									
	ormed by <u>DIEN</u> As #2 Address	Name		Author	ization	ol Stamp <u>N</u> No. <u>N/A</u> te <u>N/A</u>				
4. Identific	ation of System	MA	IN STEAM							
5. (a) Applic (b) Applic	able Const. Code able Edition of	DCCPM1	050CN19 -							
	er 1983 Adder	_	ired or Rep	laced and Re	placemen	nt Component	s			
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)			
VALVE 2-SV-1B-4		-								
FLNG BOLTS	NO.CENT.FAST.	N/A	N/A	ASP-3693	1980	REPLACED	NO			
FLNG NUTS	CARDINAL	N/A	N/A	ASP-11630	. 1989	REPLACED	ио			
7. Descripti	on of Work	(See R	emarks)							
8. Test Cond	ucted: Hydrosta	atic	Pneumatic	Nom:	inal Ope	rating Press	sure 🖂			
•	other [Pres	ssure	psi	Test Te	emp.	°F			
(1) size is 8 included on e	mental sheets in -1/2 in. x 11 in ach sheet, and he top of this	1., (2) i (3) each :	nformation :	in items 1 t	hrough 6	on this re	port is			

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Page 2 of 2

	. Remarks _	Unit 2. REPLACED OUTLET FLANGE BOLTING ON VALVE 2-SV-1B-4
	_	Applicable Manufacturer's Data Reports to be attached
		•
		PURCHASED PER DCCPM1050CN
		Ref. JO #B50034 File:ME-VAL-2-SV-1B-4 ISI Class 2
·		
Г		
[CERTIFICATE OF COMPLIANCE
1		CERTIFICATE OF COMPLIANCE
ł	We cert	tify that the statements made in the report are correct and this
- }	replacement repair or	ent conforms to the rules of the ASME Code, Section XI.
ł		
į	Type Code	Symbol StampN/A
Ì	Certificat	te of Authorization No. N/A Expiration Date N/A
ı	Signod T	P. Beilman, Maint. Superintendent Date /-/ 199/
ļ	Signed <u>i.</u>	Owner of Owner's Designee, Title
L	×	
A		
V		CERTIFICATE OF INSERVICE INSPECTION
		CERTIFICATE OF INSERVICE INSPECTION
}	I, the unde	ersigned, holding a valid commission issued by the National Board of Boiler
j	bv ARKWR	re Vessel Inspectors and the State or Province of <u>Michigan</u> and employed IGHT MUTUAL INS. CO.* of NORWOOD, MASS.
Ì	have inspec	of NORWOOD, MASS. cted the components described in this Owner's Report during the period ./O to
İ	and helief	. 10 to Jan. // 177/, 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	
		ng this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures
1	described :	in this Owner's Report. Furthermore, neither the Inspector nor his
ł	employer sl	hall be liable in any manner for any personal injury or property damage or
J		any kind arising from or connected with this inspection.
1	Ras	ry W. White Commissions Mich. # 0686 Pr's Signature National Board, State, Province, Endorsements
Ì	Inspect	r's Signature National Board, State, Province, Endorsements
1		*FACTORY MUTUAL SYSTEM
	Date	Jan. 11, 19 91 *FACTORY MUTUAL SYSTEM

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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

==											
10	Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	Date _	8	/11/90				
	P.O. Bo	x 60 Fort Way	ne, IN	46801	Sheet `	<u> </u>	of2				
		Address									
2.	Plant D.	C. COOK NUCLE	AR POWER	PLANT	Unit _	-	2				
,	One Cook Place, Bridgman, MI 49106 B000031, FILE: ME-VAL-2-SV-51 Address Repair Org. P.O. No., Job No., etc										
3	Work Borf	ormed by <u>M.B</u>	DODEDSTE	, TAT	_	_	-	•			
٥,			Name				ol Stamp <u>N</u> No. <u>N/A</u>				
	<u>Same</u> a	Address	 				e N/A				
4.		Address ation of System		CVCS-REAC	TOR TETTOW	IN & CH	ARGTNG				
5.	(a) Applic	able Const. Cod	e DCCPV1	050CN19 -	_Ed.,	Add.					
	Summ	er 1983 Adder	<u>ıda</u>		_	_					
).	Identific	ation of Compone	ents Repa	ired or Repl	laced and Re	placemen	t Component	s			
	Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)			
	VALVE 2-SV-51	CROSBY	5168 OM3	N/A	ASP-10077	N/A	REPLACED	NO			
	FLG STUDS	CARDINAL	N/A	N/A	ASP-12525	1990	REPLACED	NO			
	FLG NUT	NOVA	N/A	N/A	ASP-10340	1988	REPLACED	NO			
1	FLG NUTS	TEXAS BOLT	N/A	N/A	ASP-3855	1981	REPLACED	NO			
	•										
7.	7. Description of Work(See Remarks)										
8.											
	Other Pressurepsi Test Temp°F										
ron	E: Supple	mental sheets i						•			

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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Page 2 of 2

	Remarks _					
		Applicable Manufacturer's Data Reports to be attached				
		ON VALVE 2-SV-51.				
	1					
-		Ref. JO #B000031 File:ME-VAL-2-SV-51 ISI Class 2				
		•				
		•				
						
Ì		CERTIFICATE OF COMPLIANCE				
	We cert	tify that the statements made in the report are correct and this				
Ì	_replaceme	ent conforms to the rules of the ASME Code, Section XI.				
	-					
1	Type Code	Symbol Stamp N/A				
İ	Certificat	te of Authorization NA				
	Signed T.	P. Beilman, Maint Superintendent Date 14 Rovery , 19 91				
ł		Owner of Owner's Designee, Title				
H						
		CERTIFICATE OF INSERVICE INSPECTION				
,	I, 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 <u>Michigan</u> and employed IGHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS.				
	have inspec	cted the components described in this Owner's Report during the period				
	and belief.	to <u>Jan. 16 1991</u> , and state that to the best of my knowledge, the Owner has performed examinations and taken corrective measures				
1	described	in this Owner's Report in accordance with the requirements of the ASME				
1	Code, Secti	on XI. ng this certificate neither the Inspector nor his employer makes any				
	warranty, e	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 a	any kind arising from or connected with this inspection.				
	Proke	W. Nite Commissions Mich. # 0686				
		or's Signature National Board, State, Province, Endorsements				
İ		*FACTORY MUTUAL SYSTEM				
1.	Date	2n. /s', 19_9/				
1						

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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

	:e <u>8/11/90</u>						
Name P.O. Box 60 Fort Wayne, IN 46801 She	eet <u>1</u> of 2						
Address	•						
2. Plant D.C. COOK NUCLEAR POWER PLANT Uni	2						
	00122, FILE:ME-VAL-2-CS-321 pair Org. P.O. No., Job No., etc						
· ·	· · · · · · · · · · · · · · · · · · ·						
	pe Code Symbol Stamp <u>N/A</u>						
	piration Date N/A						
Address							
4. Identification of SystemREACTOR LETDOWN &	CHARGING (CVCS)						
5. (a) Applicable Const. Code * PAGE 2 19 Ed., (b) Applicable Edition of Section XI Utilized for Repa	Add Code Case						
SUMMER 1983 ADDENDA	arra or nopradomenta ra						
6. Identification of Components Repaired or Replaced and	d Replacement Components						
Manuf. National Ident							
Name of Name of Serial Board fication of Component Manufacturer No. No.							
VLV. STUDS ATWOOD 2-CS-321 MORRILL N/A N/A ASP-108	891 1988 REPLACED NO						
1000 Demonstration							
7. Description of Work (See Remarks)							
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure							
	* *						
N/A Other Pressure	osi Test Temp°F						
NOTE: Supplemental sheets in form of lists, sketches, or (1) size is 8-1/2 in. x 11 in., (2) information in items included on each sheet, and (3) each sheet is numbered at the top of this form	1 through 6 on this report is						

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Page 2 of 2

9.	Remarks Unit 2, REPLACED BODY/BONNET STUDS FOR VALVE 2-CS-321 Applicable Manufacturer's Data Reports to be attached							
	* MATERIAL SUPPLIED IN ACCORDANCE WITH PROCUREMENT							
	SPECIFICATION DCCPV833QCN.							
	Ref. JO #B000122 File:ME-VAL-CS-321 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 T. P. Beilman, Maint. Superintendent Date Volume 19 50 Owner of Owner's Designee, Title							
								
	CERTIFICATE OF INSERVICE INSPECTION							
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <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 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.							
	MA solutorspans Commissions Mich 555, E.V. IN ST							
	Inspector's Signature National Board, State, Province, Endorsements							
	*FACTORY MUTUAL SYSTEM							
	Date							

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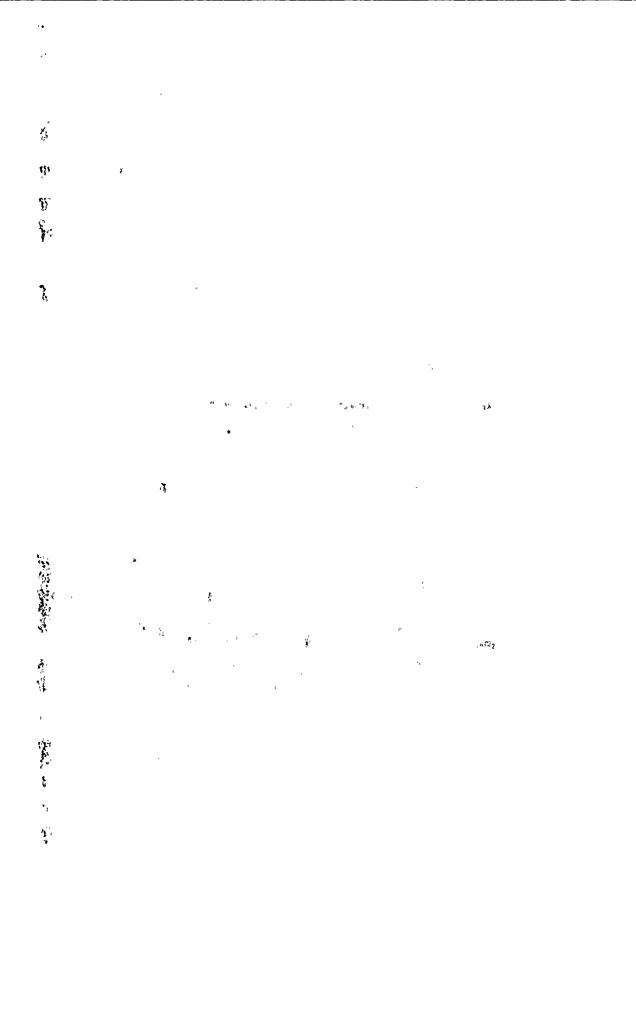
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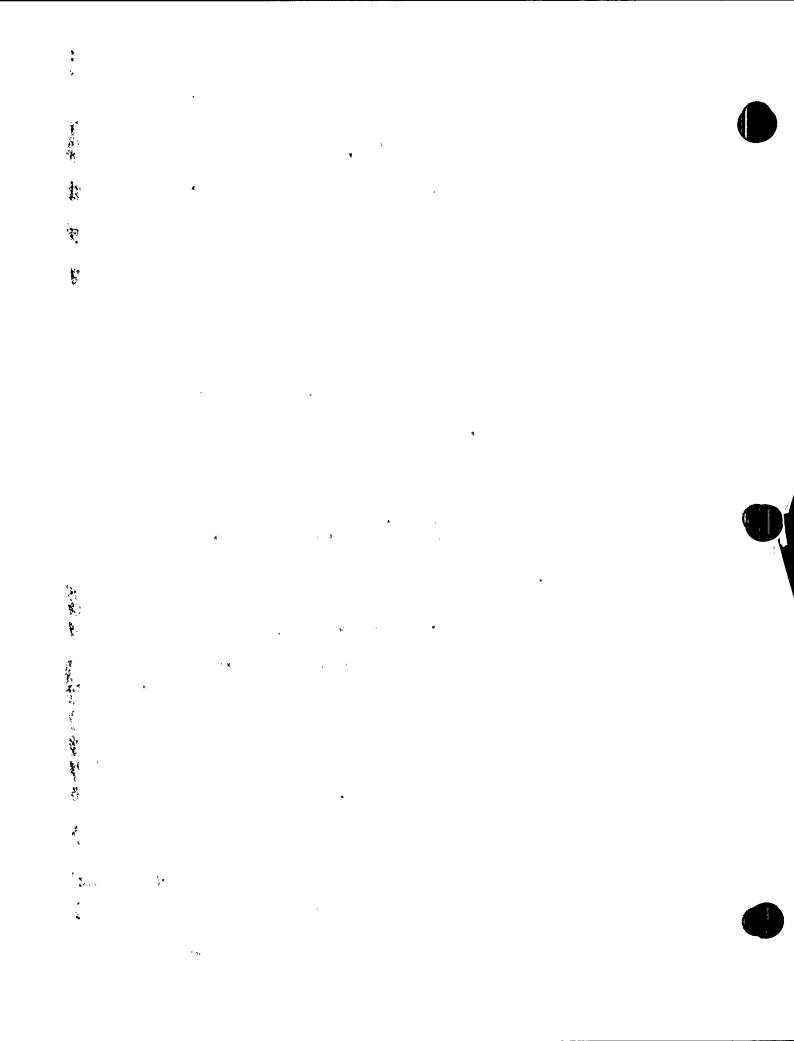
FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner IN	DIANA MICHIGA	N POWER	COMPANY	Z Date	8	/12/90	
P.O. Bo	x 60 Fort Way Address	ne, IN	46801	Sheet	1	of	2
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2							
One Cook Place, Bridgman, MI 49106 B000057, FILE: ME-VAL-2-SI-1 Address Repair Org. P.O. No., Job No.,							
Same a	3. Work Performed by L.BOGGS Type Code Symbol Stamp N/A Name Authorization No. N/A Same as #2 Expiration Date N/A Address						
4. Identification of System <u>EMERGENCY CORE COOLING (RHR)</u> 5. (a) Applicable Const. Code <u>ASME III</u> 1986 Ed., 1987 Add Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda 1. 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)
VALVE 2-SI-170LI							
B/B STUDS	HARDWARE SP.	N/A	N/A	ASP-10356	1988	REPLACED	NO
B/B STUDS	HARDWARE SP.	N/A	N/A	ASP-10345	1988	REPLACED	NO
B/B NUTS	CARDINAL	N/A	N/A	ASP-10636	1988	REPLACED	ио
7. Description of Work (See Remarks) 8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure							
	Other	Pres	ssure	psi	Test Te	mp	°F
NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) ize is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included in each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							



Page 2 of 2

	Remarks	Unit 2, REPLACED B/B STUDS/NUTS WITH SS STUDS/NUTS ON Applicable Manufacturer's Data Reports to be attached
		ubbircapia waudiaccarer a para vebotra co na accacilad
	,	VALVE 2-SI-170-L1
		Ref. JO #B000057 File:ME-VAL-2-SI-170-L1 ISI Class 1
•		•
	,	CERTIFICATE OF COMPLIANCE
	<u>replaceme</u>	ify that the statements made in the report are correct and this nt conforms to the rules of the ASME Code, Section XI. replacement
,	Type Code	Symbol Stamp N/A
I	Certificat	e of Authorization N/A Expiration Date N/A
	Signed T.	P. Beilman, Maint. Superintendent Date Z5 www., 1991 wher of Owner's Designee, Title
, ,		,
	•	CERTIFICATE OF INSERVICE INSPECTION
-	and Pressur by <u>ARKWRI</u> have inspec	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. ted 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 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.
Ì	Manager of the second	r's Signature Commissions McL 555, ENGNIT National Board, State, Province, Endorsements
	THEPACEO	*FACTORY MUTUAL SYSTEM



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

1. Owner IN	DIANA MICHIGA Name	N POWER	COMPANY	_ Date _	8	/14/90	
P.O. Bo	x 60 Fort Way	ne. IN	46801	_ Sheet	1	of <u>2</u>	
2. Plant D.	C. COOK NUCLE	AR POWE	R PLANT	Unit _		2	
One Cook Place, Bridgman, MI 49106 Address B018951,FILE:ME-VAL-2-SI-15 Repair Org. P.O. No., Job No., 6							SI-158L1 No., etc
	formed by J.JON as #2 Address	ES Name		Author	ization	ol Stamp N No. N/A	
	Address	_EMERGE	ENCY CORE	COOLING (F	HR)		
5. (a) Application (b) Application	cable Const. Cod	e <u>ASME</u> Section	III 19 <u>86</u>	Ed., 1987	Add.	acements 198	ode Case
	Summer 1983 Addenda . Identification of Components Repaired or Replaced and Replacement Components						
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
VALVE 2-SI-158L1							
B/B STUDS	CARDINAL	N/A	N/A	ASP-10636	1988	REPLACED	МО
7. Descripti	on of Work	(See R	emarks)		·		
8. Test Cond	lucted: Hydrost	atic 🗀	Pneumatic	Nomi	inal Ope	cating Press	ure 🔀
Other Pressurepsi Test Temp°F							
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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Page 2 of 2

	Remarks _	
		Applicable Manufacturer's Data Reports to be attached
į.		
		Ref. JO #B018951 File:ME-VAL-2-SI-158-L1 ISI Class 1
		11031 44 144 145 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	· · · · · · - · - · - · - · · - · · · ·	
	·	CERTIFICATE OF COMPLIANCE
, }	We cer	tify that the statements made in the report are correct and this
}	replacement or	ent conforms to the rules of the ASME Code, Section XI.
χ.	<u>-</u>	·
.	Type Code	Symbol Stamp N/A
	Certifica	te of Authorization No. N/A Expiration Date N/A
J	Signed T.	P. Beilman, Maint, Superintendent Date 21 Mauring, 1991
ļ	_	Owner of Owner's Designee, Title
<u> </u>		
		
	· -	CERTIFICATE OF INSERVICE INSPECTION
- 1	I, the und	ersigned, holding a valid commission issued by the National Board of Boiler
į	and Pressu	re Vessel Inspectors and the State or Province of <u>Michigan</u> and employed IGHT MUTUAL INS. CO.* of NORWOOD, MASS.
•	have inspe	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
· .	described .	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
	warranty,	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
į	a loss of	any kind arising from or connected with this inspection.
	212 M	later saugh Commissions Mich 555, End NIT
		or's Signature National Board, State, Province, Endorsements
		*FACTORY MUTUAL SYSTEM
	Date	-z19 <u>_9/</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

1. Owne	r <u>IN</u>	DIANA MICHIGA Name	N_POWER	COMPANY	_ Date _		3/15/90	
P.0	. Bo	x 60 Fort Way	ne, IN	46801	_ Sheet	1	of2	
2. Plan	t <u>D.</u>	C. COOK NUCLE	AR POWER	RPLANT	_ Unit _		2	, -
One Cook Place, Bridgman, MI 49106 B018952, FILE: ME-VAL-2-SI-158 Address Repair Org. P.O. No., Job No., et								
		ormed by <u>ZOU</u>	CK Name		Type C	ode Symb	ol Stamp <u>N</u> No. <u>N/A</u>	/A
<u>Sa</u>	me_a	s #2 Address	 				e N/A	
4. Iden	tific	ation of System	EM	iergency c	ORE COOLIN	G (RHR)	
(b) A	pplic	able Const. Code	Section :	<u>III </u>	Ed., <u>1987</u> for Repairs	Add or Repl	acements 19	ode Case
	Summ	er 1983 Adder	<u>ıda</u>		-	_	•	1
6. Iden	CIFIC	ation of Compone	епсв кера	red or kep	Laced and Re	bracemen.	c Component	3 , ,
Name Compon		Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
VALV 2-SI-15						•		
B/B STU	DS	CARDINAL	N/A	N/A	ASP-10636	1988	REPLACED	ИО
	<u></u>		<u> </u>					
7. Desc	ripti	on of Work	(See R	emarks)				
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure								
	Other Pressurepsi Test 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.								

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Page 2 of 2

Remarks Unit 2. REPLACED B/B STUDS ON VALVE 2-SI-158-L4 Applicable Manufacturer's Data Reports to be attached								
		Ref. JO #B018952 File:ME-VAL-2-SI-158 L4 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							
	Certificat	Symbol Stamp N/A se of Authorization No. N/A Expiration Date N/A P. Beilman, Maint. Superintendent Date Zijanam, 1950 Swner of Owner's Designee, Title						
T	: •	CERTIFICATE OF INSERVICE INSPECTION						
	and Pressur by <u>ARKWRI</u> 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 to NORWOOD, MASS. The ted the components described in this Owner's Report during the period to make a component of the component						
	described in Code, Section By signing warranty, endescribed in employer should be a considered in the constant of the constant	in this Owner's Report in accordance with the requirements of the ASME						
		Commissions Mich 555, ENUNET Dr's Signature National Board, State, Province, Endorsements						
	Date/-3	*FACTORY MUTUAL SYSTEM						

4. 在数型 Ţ. ž, ğ pí N. A. 日本 ** ¥. * **¥**, ***

D. C. COOK NUCLEAR PLANT, BRIDGMAN, MI UNIT 2 COMMERCIAL SERVICE DATE 2-1-1978 NATIONAL BOARD NUMBER 1

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

							=
1. Owner I	NDIANA MICHIGA Name	N POWER	COMPANY	Date _	8	/16/90	
P.O. B	ox 60 Fort Way Address	ne, IN	46801	Sheet	1	_of2	,
2. Plant D	.C. COOK NUCLE	AR POWE	R PLANT	Unit _		2	
One Co	ok Place, Brid	lgman, M	I 49106		09,FILE	:ME-VAL-2	-CS-523-3 No., etc
3. Work Per	rformed by			Туре С	ode Symb	ol Stamp N	I/A
Same	as_#2	Name				No. <u>N/A</u> :e <u>N/A</u>	
	Address		· · · · · · · · · · · · · · · · · · ·		iczon ba	.u <u>/ </u>	
4. Identif	ication of System	REAC	CTOR COOLA	NT			
5. '(a) Appl:	icable Const. Cod	e * PAG	E 2 19 -	Ed.,	Add.	(Code Case
(b) Appl:	icable Edition of	Section					
<u>sur</u>	MER 1983 ADDE	<u>NDA</u>					
6. Identif:	ication of Compon	ents Repa	ired or Rep	laced and Re	placemen	t Component	8
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
VALVE 2-CS-523-3							
B/B STUDS	NOVA	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	TEXAS BOLT	N/A	N/A	ASP-4184	1981	REPLACED	NO
и						· · · · · ·	
7. Descript	tion of Work	(See R	emarks)				
8. Test Con	nducted: Hydrost	atic	Pneumatic	Nom:	inal Ope	rating Press	sure
. NA	Other [Pres	ssure	psi	Test Te	mp	· · · · · · · · · · · · · · · · · · ·
(1) size is	lemental sheets i 8-1/2 in. x 11 i	n., (2) i	nformation i	in items 1 t	hrough 6	on this rep	port is

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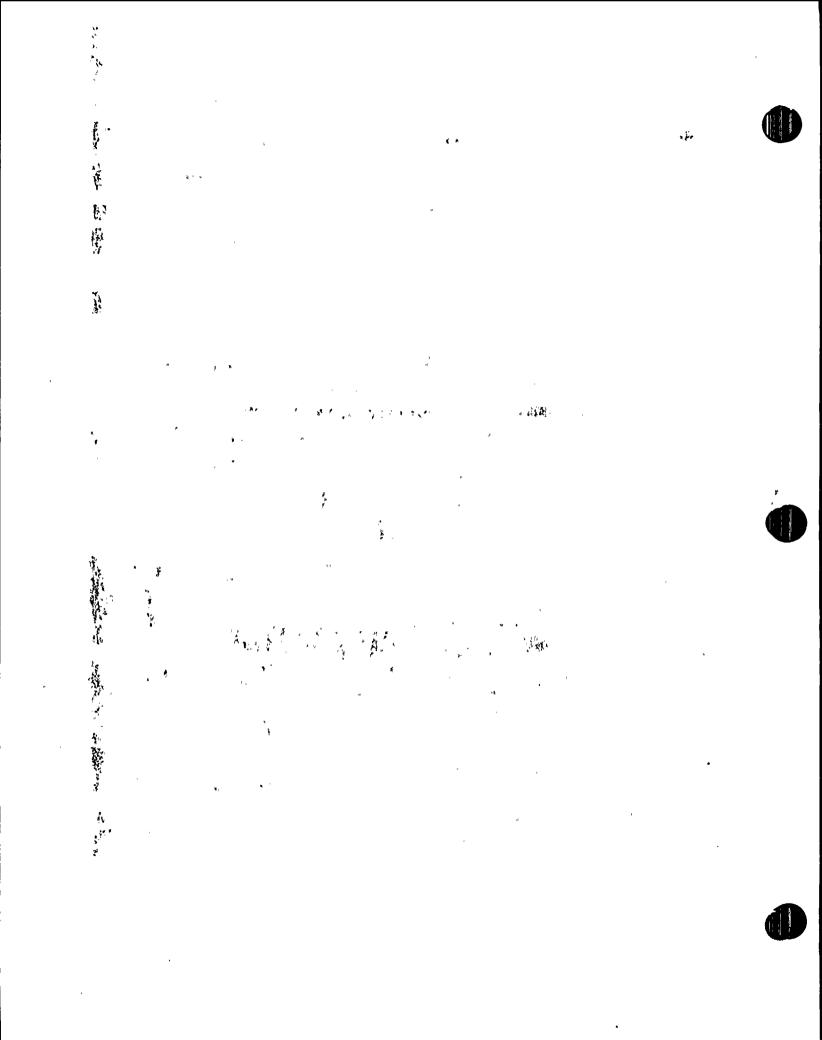
Page 2 of 2

.	Remarks Unit 2, REPLACED BODY/BONNET STUDS/NUTS ON VALVE 2-CS-523-3
	Applicable Manufacturer's Data Reports to be attached
	* PURCHASED IN ACCORDANCE WITH SPECIFICATION DCCPV1050CN
	REF. 12-MM-088
	Ref. JO #B000109 File:ME-VAL-2-CS-523-3 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 T. P. Beilman Maint. Superintendent Date 160cc., 19 90 Owner of Owner's Designee, Title
	·
	CERTIFICATE OF INSERVICE INSPECTION
e it	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 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. MAX Mattersacy Commissions Mich 535, End Nit Inspector's Signature Commissions Mich 535, End Nit Inspector, Endorsements
	Date /2-20 19 }d *FACTORY MUTUAL SYSTEM

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1.	Owner IN	DIANA MICHIGA	N POWER	COMPANY	Date _		8/16/90	
	P.O. Bo	Name x 60 Fort Way	ne, IN	46801	Sheet	<u> </u>	_of2	
		Address						
2.	Plant D.	C. COOK NUCLE	AR POWE	R PLANT	Unit _		2	
	One Coo	k Place, Brid Address	gman, Mi	49106			:ME-VAL-2- O. No., Job	
3.	Work Perf	ormed by L.	MUNYON		Type C	ode Symb	ol Stamp <u>N</u>	'/A
			Name,	- · · · · · · · · · · · · · · · · · · ·	Author	ization	No. <u>N/A</u>	
	_Same_a	S #2 Address	<u> </u>		_ Expira	tion Dat	e <u>N/A</u>	
4.	Identific	ation of System	REACT	OR COOLAN	T			
5 .	(a) Applic (b) Applic	able Const. Code	e <u>* PAG</u> Section :	E 2 19 - XI Utilized	Ed., for Repairs	Add.	acements 19	ode Case
		R 1983 ADDENI						•
	Identific	ation of Compone	ents Repa	ired or Repl	laced and Re	placemen	t Component	s
	Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-	VALVE -CS-523-4							
В	B STUDS	NOVA	N/A	N/A	ASP-11021	1989	REPLACED	ИО
В/	B NUTS	TEXAS BOLT	N/A	N/A	ASP-4184	1981	REPLACED	NO
		,						
7.	Descripti	on of Work	(See R	emarks)	····			
*	-	ucted: Hydrost			Nom:	inal Ope	rating Press	ure 🗀
	N/A [2	other [Pres	sure	·psi	Test Te	mp	°F
(1) inc	size is 8 luded on e	mental sheets in -1/2 in. x 11 in ach sheet, and he top of this	n., (2) i: (3) each :	nformation i	in items 1 t	hrough 6	on this rep	port is



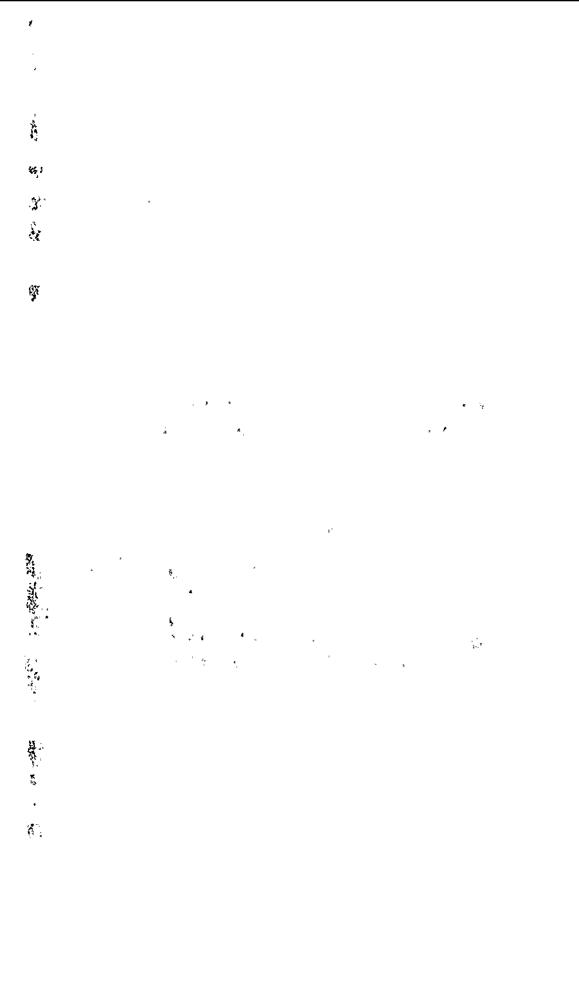
Page 2 of 2

	Remarks Unit 2.REPLACED BODY/BONNET STUDS/NUTS ON VALVE 2-CS-523-4 Applicable Manufacturer's Data Reports to be attached					
	*PURCHASED IN ACCORDANCE WITH SPECIFICATION DCCPV1050CN					
	_REF.12-MM-088					
	Ref. JO #B000127 File:ME-VAL-2-CS-523-4 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					
1	Type Code Symbol Stamp N/A					
	Certificate of Authorization No. N/A Expiration Date N/A Signed T. P. Beilman, Maint Superintendent Date Colonia, 19 90 Owner of Owner's Designee, Title					
	CERTIFICATE OF INSERVICE INSPECTION					
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <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 state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.					
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.					
	Inspector's Signature Commissions Mish 555 Ewil MET National Board, State, Province, Endorsements					
	Date 12 - 20 19 50					
{	· · · · · · · · · · · · · · · · · · ·					

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A =		· · · · · · · · · · · · · · · · · · ·					
1. Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	_ Date _		8/16/90	
P.O. Bo	x 60 Fort Way	ne, IN	46801	Sheet	1	_of2	
2. Plant D.	C. COOK NUCLE	AR POWER	RPLANT	Unit _		2	
One Coo	k Place, Brid Address	gman, M	49106			;ME-VAL-2-	
3. Work Peri	formed by <u>S. I</u>	OVIN Name		Туре С	ode Symb	ol Stamp <u>N</u> No. <u>N/A</u>	/A
<u>Same</u> a	AS #2 Address		-			e N/A	
4. 'Identific	cation of System	REACT	OR COOLAN	Ţ	······································		
(b) Applic	cable Const. Cod cable Edition of MER 1983 ADDEN	Section 2	2 19 XI Utilized	Ed., for Repairs	Add. or Repl	acements 19	ode Case 83
	cation of Compon		ired or Repl	_ Laced and Re	placemen	t Component	8
4		Manuf.	National	Other Identi-	Year	Repaired Replaced or Replace-	ASME Code Stamped (Yes
Name of Component	Name of Manufacturer	Serial No.	Board No.	fication	Built	ment	or No)
VALVE 2-CS-523-2							
B/B STUDS	NOVA	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	TEXAS BOLT	N/A	N/A	ASP-4184	1981	REPLACED	МО
						<u> </u>	
<u> </u>	<u> </u>	*	*	<u> </u>	ļ		,
7. Descripti	on of Work	(See R	emarks)				
8. Test Cond	lucted: Hydrost	atic	Pneumatic	Nom	inal Ope	ratiņg Press	ure 🗀
. NA	Other [Pres	ssure	psi_	Test Te	mp	°F
(1) size is 8 included on e	emental sheets in 3-1/2 in. x 11 in each sheet, and the top of this	n., (2) ii (3) each i	nformation i	n items 1 t	hrough 6	on this re	ort is



Page 2 of 2

Remarks Unit 2. REPLACED BODY/BONNET STUDS/NUTS FOR VALVE Applicable Manufacturer's Data Reports to be attached
2-CS-523-2
REF. 12-MM-088
Ref. JO #B000128 File:ME-VAL-2-CS-523-2 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 Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A Signed T. P. Beilman Maint. Superintendent Date 16 Occasion , 19 90 Owner of Owner's Designee, Title
,
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province ofMichigan and employed by _ARKWRIGHT MUTUAL, INS. CO.* of _NORWOOD, MASS. have inspected the components described in this Owner's Report during the period, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Inspector's Signature Commissions Mich 555 End NET National Board, State, Province, Endorsements
*FACTORY MUTUAL SYSTEM

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1.	Owner <u>INI</u> Name	DIANA MICHIGA	N POWER	COMPANY	Date	8/16/	90	
•	P.O. Box	60 Fort Way Address	ne, IN_	46801	_ Sheet'	1	of2	
2.	Plant D.C	C. COOK NUCLE.	AR POWER	PLANT	_ Unit _		. 2	
	One Cool	γ Place, Brid Address	gman, MI	49106	B00010 Repair		ME-VAL-2- O. No., Job	
3.		ormed by	Name		Author.	ization	ol Stamp <u>N</u> No. <u>N/A</u> e <u>N/A</u>	
4.		Address ation of System			LANT			
5.	(a) Applic (b) Applic	able Const. Code	*PAGE Section	2 19 KI Utilized	Ed., for Repairs	Add or Repl	c acements 19	ode Case 83
6.	SUMM	ER 1983 ADDEN	<u>IDA</u>	ŕ	•			
	Name of	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-	VALVE -CS-523-1							
В	/B STUDS	NOVA	N/A	N/A	ASP-11021	1989	REPLACED	NO
В	/B NUTS	TEXAS BOLT	N/A	N/A	ASP-4184	1981	REPLACED	NO
-								
7.	Descripti	on of Work	(See R	(emarks)				
		lucted: Hydrost			Nom:	inal Ope	rating Press	sure
	NI	Other [Pre	ssure	psi	Test Te	emp.	°F
(1)) size is 8 cluded on e	emental sheets in 3-1/2 in. x 11 in a sach sheet, and the top of this	n.; (2) i (3) each		in itoma i t	nrough c	i ini chiab te	DULG 10

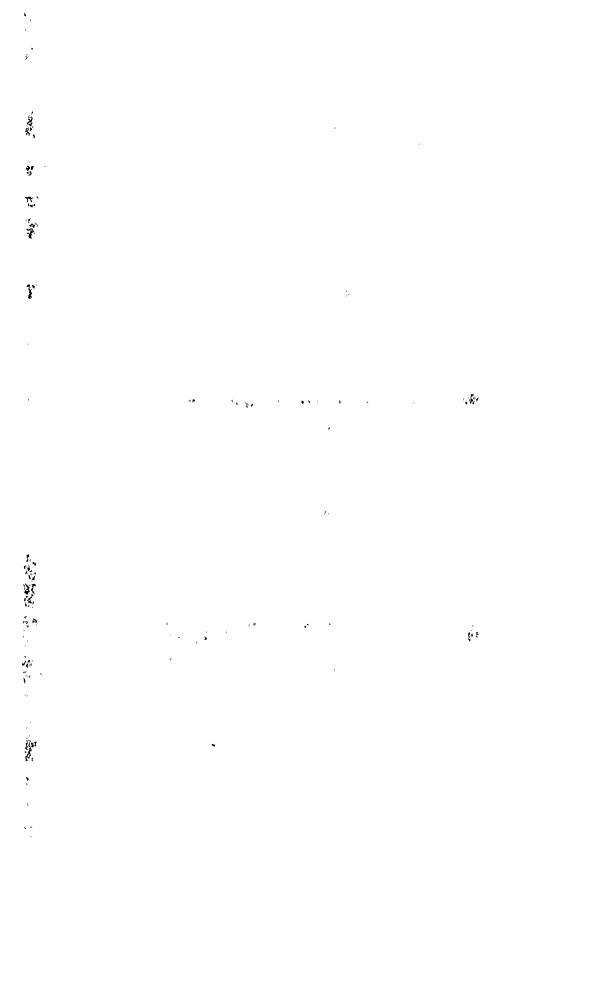
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Page 2 of 2

	Remarks _	Unit 2. REPLACED BODY/BONNET STUDS/NUTS ON VALVE 2-CS-523-1
	•	Applicable Manufacturer's Data Reports to be attached
-	-	* PURCHASED IN ACCORDANCE WITH SPECIFICATION DCCPV1050CN
		REF. 12-MM-088
		Ref. JO #B000108 File:ME-VAL-2-CS-523-1 ISI Class 2
	-	
_		
		CERTIFICATE OF COMPLIANCE
	<u>replaceme</u>	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
	Certificat	te of Authorization Neo <u>N/A</u> Expiration Date <u>N/A</u>
	Signed T.	P. Beilman, Maint. Suberintendent Date 160ccubes, 19 40 Owner of Owner's Designee, Title
_		
		CERTIFICATE OF INSERVICE INSPECTION
a	and Pressur by ARKWR have inspec- ve 20 - 20 - 20 - 20 - 20 - 20 - 20 - 20	ersigned, holding a valid commission issued by the National Board of Boiler re Vessel Inspectors and the State or Province ofMichigan and employed IGHT MUTUAL INS. CO.* ofNORWOOD, MASS. cted the components described in this Owner's Report during the period, 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.
	warranty, described : employer sl	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.
		or's Signature Commissions Mich 555 Civil No! / National Board, State, Province, Endorsements
	Date	*FACTORY MUTUAL SYSTEM

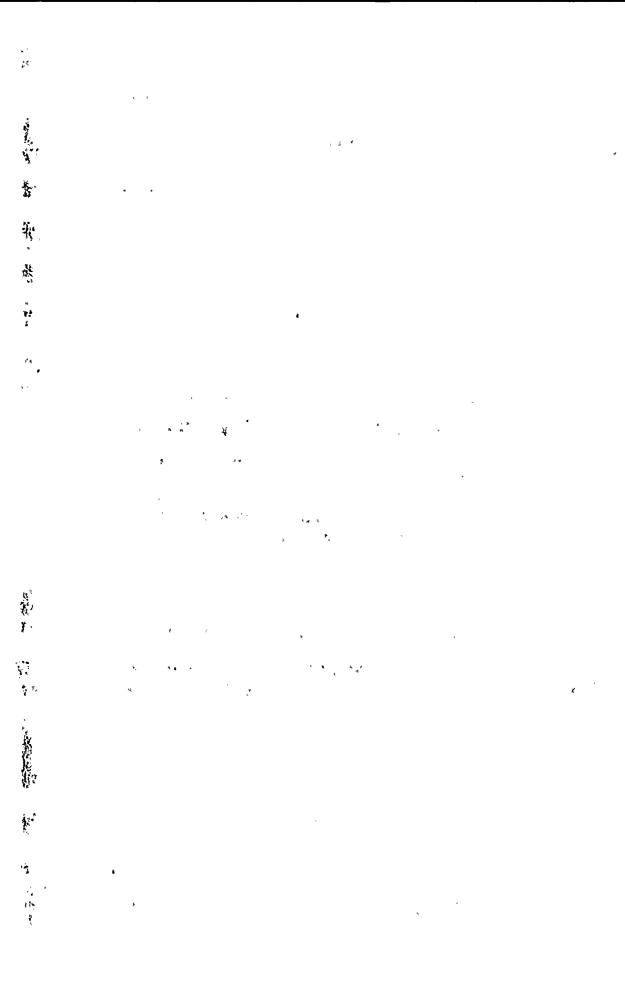
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1. Owner IN	DIANA MICHIGA	N POWER	COMPANY	Date _		8/17/90	
P.O. Bo	Name x 60 Fort Way	ne, IN	46801	Sheet	11	of2	}_
	Address						
2. Plant D.	C. COOK NUCLE Name	AR POWE	R PLANT	Unit _		2	
One Coo	k Place, Brid Address	gman, M	49106			:ME-VAL-2- O. No., Job	
3. Work Perf	formed by FORD.	LAWLESS	•	Type C	ode Symb	ol Stamp <u>N</u>	/A
•	•	Name	·	Author	ization	No. N/A	
<u>Same</u> a	s #2 Address			_ Expira	tion Dat	e <u>N/A</u>	
4. Identific	ation of System	C7	CS-REACTO	R LETDOWN	& CHAR	GING	
5 (a) Applic	able Const. Cod	a asme s	FC TTT1086	T-4 1000	244		Codo Coco
	able Edition of						
	<u>ier 1983 Addei</u>			*	•		
6. Identific	ation of Compon	ents Repa	ired or Repl	laced and Re	placemen	t Components	3
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-52					:		
STUDS/NUTS	CARDINAL	N/A	N/A	ASP-11683	1989	REPLACED	NO
NUTS	CARDINAL	N/A	N/A	ASP-12586	1990	REPLACED	, ио
,							
2 Possevinti	on of Work	/500 P	omarka)	<u> </u>	l <u> </u>	·	·
/. Descripti	on of work	(See V	emarks)	· · · · · · · · · · · · · · · · · · ·	····		
8. Test Cond	ucted: Hydrost	atic	Pneumatic	Nomi	inal Oper	rating Press	ure 🗀
N/A	Other [Pres	ssure	psi	Test Te	mp	°F
(1) size is 8 included on e	mental sheets in -1/2 in. x 11 in ach sheet, and he top of this	n., (2) ii (3) each i	nformation i	n items 1 t	hrough 6	on this rep	ort is

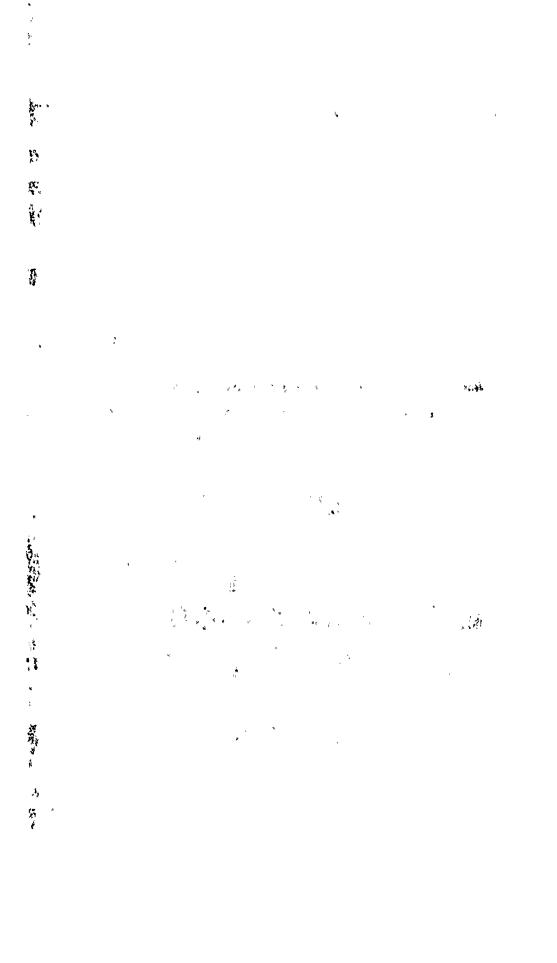


Page 2 of 2

. Remarks Unit 2. REPLACED OUTLET FLANGE STUDS/NUTS FOR VALVE 2-SV-52,
Applicable Manufacturer's Data Reports to be attached
ALSO REPLACED INLET NUTS.
Ref. JO #B016777 File:ME-VAL-2-SV-52 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.
•
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed T. P. Beilman, Maint. Superintendent Date 15 mm, 1991
Owner of Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler
and Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS.
by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period
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.
MA Mutes naugh Commissions Mich 555; End NII
Inspector's Signature Commissions Mich 555; End Nil National Board, State, Province, Endorsements
*FACTORY MUTUAL SYSTEM
Date Jan 22 19 91



1. Owner IN	DIANA MICHIGA	n power	COMPANY	Date _	8	/17/90	
,	Name	ı					
P.O. Bo	x 60 Fort Way Address	ne, IN	46801	Sheet	1_	of2	
0 - Dlamb D	0 000V NIVOT 11	AD DOUBLE	. Dr.1.1m	•			
2. Plant D.	C. COOK NUCLE Name	AR POWER	CPLANT	Unit _	· · · · · · · · · · · · · · · · · · ·		•
One Coo	k Place, Brid	aman Vi	40106	P0100		•WE 1737 O	T1/0 005
one coo	Address	dillati, Mi	49106			:ME-VAL-2-	
2 Work Port	formed by <u>D.EL</u>	T ENED			_	-	•
J. HOLK POL	cormed by D.EL	Name			ode Symb ization	ol Stamp <u>N</u> No. <u>N/A</u>	/A
Same_a	as #2				tion Dat	e N/A	
	Address			_ ~	•	•	
4. Identific	cation of System	EME	RGENCY CO	RE COOLING	;		
)	
b) Applic	cable Const. Code cable Edition of	Section 1	<u> </u>	for Repairs	Add. Repl	N/A C	ode Case R3
Sum	mer 1983 Adder	<u>nda</u>		zoz nopuszu	or nope		Y. Y. /
6. Identific	cation of Compone	ents Repai	ired or Rep	laced and Re	nlacemen	t Component	a
/ .							
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
VALVE . 2-IMO-325		,					-
STUDS/NUTS	TEXAS BOLT CO	N/A	N/A	ASP-12413	1988	REPLACED	NO
STUDS/NUTS	TEXAS BOLT CO	N/A	N/A	ASP-11909	1989	REPLACED	ио
STUDS/NUTS	CARDINAL IND.	N/A	N/A	ASP-11683	1989	REPLACED	NO
STUDS/NUTS	BAYLINE BOLT	N/A	N/A	ASP-2140	1979	REPLACED	МО
7. Descript	lon of Work	(See R	emarks)				
8. Test Cond	lucted: Hydrost	atic	Pneumatic	, Nomi	inal Open	rating Press	ure 🖂
	other [Pres	sure	pai	Test Te	mp	•F
(1) size is 8 included on 6	emental sheets in 3-1/2 in. x 11 in each sheet, and the top of this	n., (2) ir (3) each s	formation i	in items 1 t	hrough 6	on this rep	port is



Page 2 of 2

Remarks _	Unit 2. REPLACED B/B STUDS/NUTS ON VALVE 2-IMO-325 Applicable Manufacturer's Data Reports to be attached						
•	Ref. JO #B018041 File:ME-VAL-2-IMO-325 ISI Class 1						
	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						
Certifica	te of Authorization No. N/A Expiration Date N/A						
Signed T.	P. Beilman Maint. Superintendent Date /- 5 , 19 9/						
,							
	CERTIFICATE OF INSERVICE INSPECTION						
and Pressum by ARKWR have inspendent and belief described Code, Sect. By signi-	ng this certificate neither the Inspector nor his employer makes any						
described employer s a loss of	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.						
Recky	W. White Commissions Mich. # 0686 or's Signature National Board, State, Province, Endorsements						
ſ	*FACTORY MUTUAL SYSTEM						

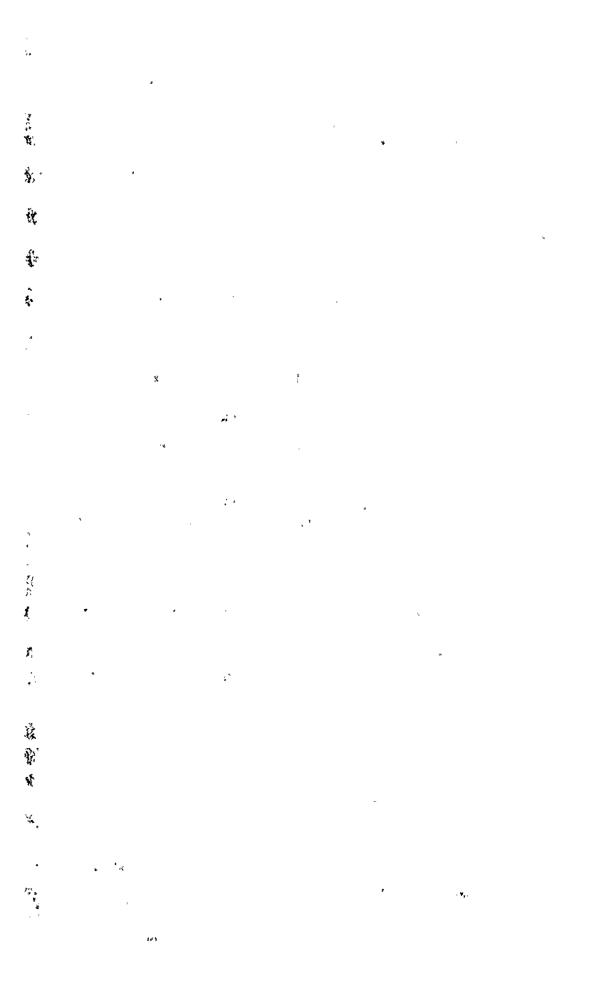
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1. Owner <u>I</u>	NDIANA MICHIGA Name	Date _		8/18/90					
P.O. B	ox 60 Fort Way Address	ne, IN	Sheet	1	_of	2			
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2									
One Co	ok Place, Brid	lgman, M	B016583,FILE:ME-VAL-2-SV-54 Repair Org. P.O. No., Job No., etc						
3. Work Per	rformed by	YOUNG		_	_	•	•		
		Name	· · · · · · · · · · · · · · · · · · ·		_ Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>				
Same	as #2 Address			Expira		e N/A			
	Address				•	=			
4. Identif	ication of System	CVC	S-REACTOR	LETDOWN 8	CHARG	ING			
(b) Appli	5. (a) Applicable Const. Code DCCPM1050CN19 - Ed., Add Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983;								
<u>Sur</u>	nmer 1983 Adder	<u>nda</u>		•					
6. Identif	ication of Compon	ents Repa	ired or Rep	laced and Re	placemen	t Component	9		
Name of Component	Name of Manufacturer	Manuf. Serial	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)		
VALVE 2-SV-54				,			•		
FLG STUDS/NUTS	TEXAS BOLT CARDINAL	N/A	N/A	ASP-7863 ASP-11683	1985 1989	REPLACED	NO		
L	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u></u>			
7. Descript	ion of Work	(See R	emarks)						
8. Test Cor	nducted: Hydrost	atic	Pneumatio	Nom.	inal Ope	rating Press	sure		
· N/A	Other [Pres	ssure	psi	Test Te	mp	°F		
(1) size is included on	lemental sheets i 8-1/2 in. x 11 i each sheet, and the top of this	n., (2) i: (3) each :	lists, sket nformation i sheet is num	ches, or dr in items 1 t mbered and t	awings m hrough 6 he numbe	ay be used, on this re or of sheets	provided port is is		

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Page 2 of 2

9.	Remarks	Unit 2, REPLACED INLET/OUTLET FLANGE STUDS/NUTS ON Applicable Manufacturer's Data Reports to be attached				
		VALVE 2-SV-54				
		PURCHASED PER DCC105QCN				
		Ref. JO #B016583 File:ME-VAL-2-SV-54 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. N/A Expiration Date N/A						
Signed T. P. Beilman, Maint Superintendent Date 14 mussu, 19 91 Owner of Owner's Designee, Title						
—	· · · · · · · · · · · · · · · · · · ·					
		CERTIFICATE OF INSERVICE INSPECTION				
	and Pressur by ARKWRI have inspec and belief, described i Code, Secti	rsigned, holding a valid commission issued by the National Board of Boiler of Vessel Inspectors and the State or Province of <u>Michigan</u> and employed SHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS. Ted the components described in this Owner's Report during the period to <u>Jan 1981</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.				
	warranty, edescribed in employer should be a second to the	rpressed or implied, concerning the examinations and corrective measures of 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.				
	Peetly	No. National Board, State, Province, Endorsements				
}						
1	Date 7	*FACTORY MUTUAL SYSTEM				
		We certificated repair or repair or repair or repair or repair or repair or repair or repair or repair or repair or repair or repair of				

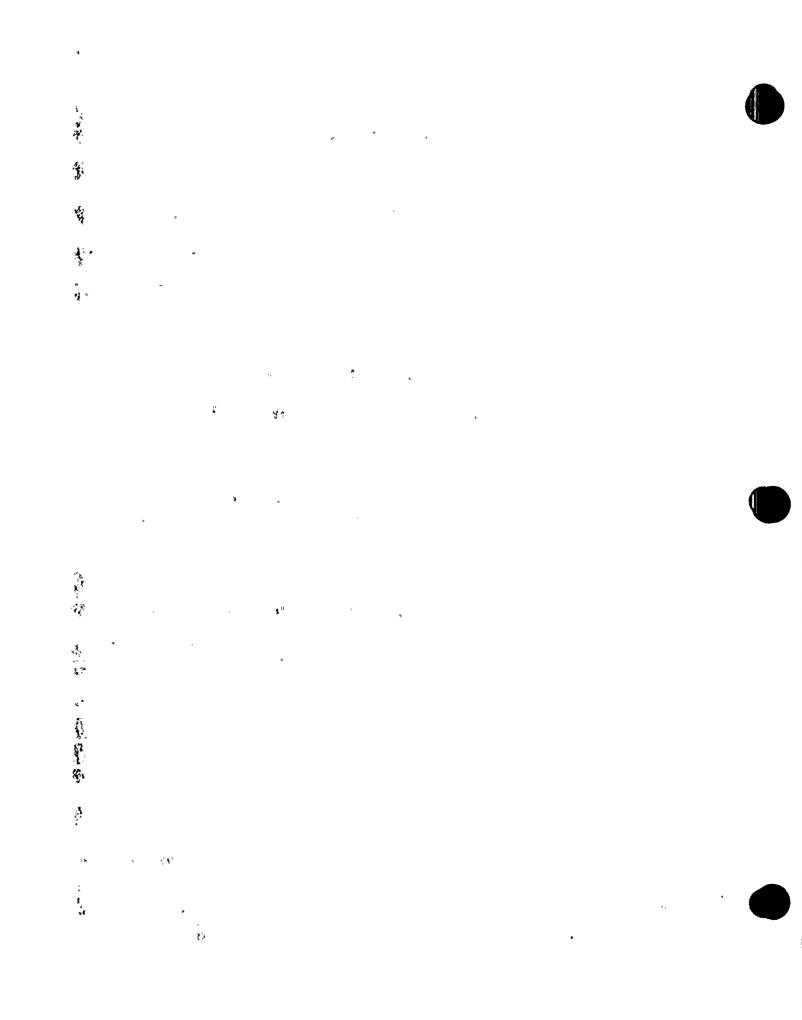


1. Owner <u>IN</u>	DIANA MICHIGA	N POWER	COMPANY	Date _	8	/18/90	
P.O. Bo	Name P.O. Box 60 Fort Wayne, IN 46801 Sheet1 of2					•	
	Address				·	- 	
2. Plant D.	2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2						
One Coo	One Cook Place, Bridgman, MI 49106 Address B018107,FILE:ME-VAL-2-QRV-161 Repair Org. P.O. No., Job No., etc						
3. Work Perf	ormed by ROGER	S, DANKO	DUMAY		ode Symb	ol Stamp <u>N</u>	I/A
Samo a	s #2	'Name				No. N/A	
ame_a	Address	~~ · · · · · · · · · · · · · · · · ·		_ Expire	ation Dat	e <u>N/A</u>	
4. Identific	ation of System		cvcs-	REACTOR L	ETDOWN	& CHARGING	B
5. (a) Applic	able Const. Code able Edition of	e <u>DCCPM1</u> Section	050CN19 - XI Utilized	Ed.,	Add.	acements 19	code Case
	er 1983 Adder						
6. Identification of Components Repaired or Replaced and Replacement Components							
Name of Component	Name of Manufacturer	Manuf. Serial	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
VALVE 2-QRV-161			,				-
STDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-440	1975	REPLACED	NO
					1		
•				1	1		!
			e				
7 Doggvinki	on of Work	/See P	omarke)	 	<u>.</u>	·!	<u>.l</u>
/. Descript	On OI HOIR	1000 1	emarks)			•	
8. Test Cond	ucted: Hydrost	atic	Pneumatio	Nom	inal Ope	rating Press	sure
n/a 🔀	Other [Pres	ssure	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.							

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Page 2 of 2

	Rema	arks	Unit 2. REPLACED B/B STUDS/NUTS ON VALVE 2-ORV-161
			Applicable Manufacturer's Data Reports to be attached
1			
			PURCHASED PER DCCPM105QCN
			·
			Ref. JO #B018107 File:ME-VAL-2-ORV-161 ISI Class 1
Г			
	•		CERTIFICATE OF COMPLIANCE
Ì			,
- [707	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.
-	repa	air or	replacement
-	Merm	o Codo	Sumbal Stane 11/3
-			Symbol Stamp N/A
-	Cert	tificat	e of Authorization No. N/A Expiration Date N/A
- (Sia	ned T.	P. Beilman, Maint. Superintendent Date 15 on many , 19 51
Į.			wner of Owner's Designee, Title
		4	
			CERTIFICATE OF INSERVICE INSPECTION
1	I, ti	he unde	rsigned, holding a valid commission issued by the National Board of Boiler
	and 1	Pressur	e Vessel Inspectors and the State or Province of <u>Michigan</u> and employed
-	have	inspec	GHT MUTUAL INS. CO.* of NORWOOD, MASS. ted the components described in this Owner's Report during the period
.	1/2	22/9.	to, and state that to the best of my knowledge
1	desc	peller, ribed i	the Owner has performed examinations and taken corrective measures n this Owner's Report in accordance with the requirements of the ASME
]	Code	, Section	on XI.
J			g this certificate neither the Inspector nor his employer makes any xpressed or implied, concerning the examinations and corrective measures
	desc	ribed i	n this Owner's Report. Furthermore, neither the Inspector nor his
- }	emplo	oyer sh	all be liable in any manner for any personal injury or property damage or ny kind arising from or connected with this inspection.
}			
1	171	12 116	r's Signature National Board, State, Province, Endorsements
-	I	nspecto.	r's Signature National Board, State, Province, Endorsements
			*FACTORY MUTUAL SYSTEM
ſ	Date		19_5/
- {			•



1.	Owner <u>IN</u>	DIANA MICHIGA	N POWER	COMPANY	Date _	8/18/	90 & 9/29/	90
	P.O. Bo	Name x 60 Fort Way	ne. IN	46801	Sheet	1	of	2
	<u> </u>	Address			_ 0000		.··· <u></u>	4
2.	. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2							
	One Cook Place, Bridgman, MI 49106 Address B004684 & B005618 FILE:ME-VAL-2-ORV-51 Repair Org. P.O. No., Job No., etc.							
3.	Work Perf	ormed by <u>SELBY</u>	, MONFETT	E, GOLDEN	Type C	ode Symb	ol Stamp <u>N</u>	/A
	Samo a	.s_#2	Name				No. <u>N/A</u> e <u>N/A</u>	· · · · · · · · · · · · · · · · · · ·
	<u> </u>	Address	· 		_ EXPILE	cion bac	e <u>N/A</u>	
4.	Identific	ation of System		cvcs-r	EACTOR LET	DOWN &	CHARGING	
5.	(a) Applic	able Const. Code able Edition of	e <u>ASME I</u>	<u>II 1986</u> E	d., 1988-	Add	N/A Code	
		er 1983 Adder				 .		
	. Identification of Components Repaired or Replaced and Replacement Components							
	Name of	Name of Manufacturer	Manuf. Serial	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
	VALVE 2-QRV-51	·						
S	CUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-440	1975	REPLACED	NO
Si	ruds/Nuts	TEXAS BOLT	N/A	N/A	ASP-11934	1989	REPLACED	NO
_							ļ	
	•	<u> </u>	<u> </u>	•	<u></u>	<u> </u>	,	<u> </u>
7. Description of Work(See Remarks)								
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure								
Other Pressurepsi Test 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.								

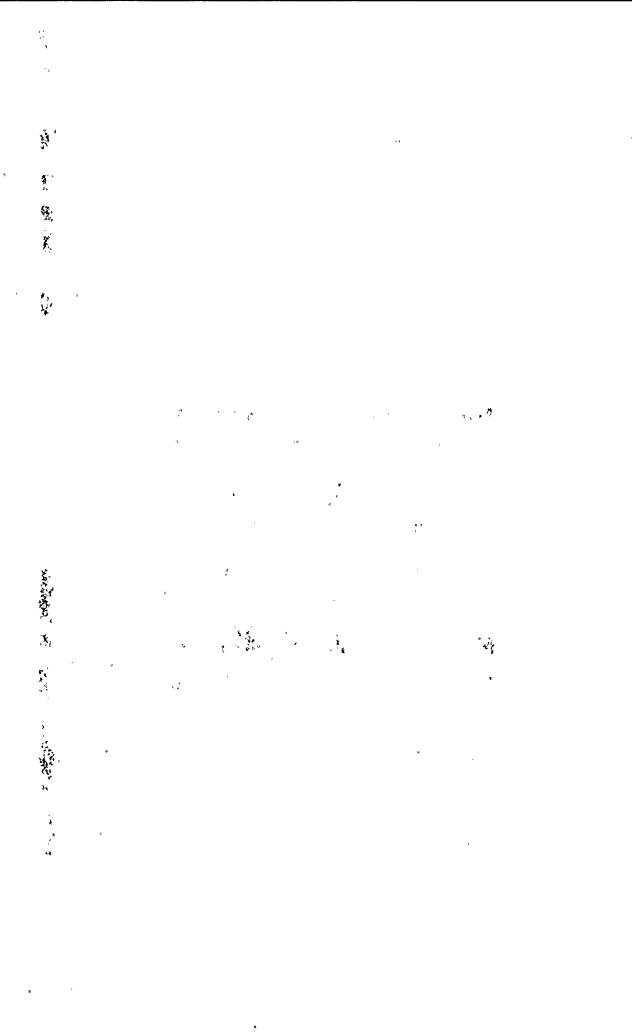
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Page 2 of 2

rune nib-2 (back)
Remarks Unit 2. REPLACED 3 B/B STUDS/NUTS ON JO#B004684 (WHICH WERE
Applicable Manufacturer's Data Reports to be attached
TOO LONG), JO #B005618 REPLACED SAME 3 STUDS NUTS OF CORRECT
LENGTH.
#B005618 & .
Ref. JO #B004684 File:ME-VAL-2-QRV-51 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 StampN/A
Certificate of Authorization NoN/A Expiration DateN/A
Signed T. P. Beilman Maint. Superintendent Date Zolovan, 199
Owner of Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <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 //12/9, 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.
Inspector's Signature Commissions Mich 555 End NiI National Board, State, Province, Endorsements
Inspector's Signature National Board, State, Province, Endorsements
Date

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1. 0	wner <u>IN</u>	DIANA MICHIGA	N POWER	COMPANY	Date _		8/18/90	
		Name						
F	.O. Bo	x 60 Fort Way	ne, IN	46801	Sheet	1	of 2	
_		Address	'			·		
2. P	1 n n th	C. COOK NUCLE	ישוארם סגי	חווא דם כ	** ! An	•	2	,
2. P	lant <u>D.</u>	Name	AR POWE	PLANT	onie _		4	
_								
, <u>c</u>	ne Coo	k Place, Brid Address	gman, M	1 49106			E:ME-VAL-	
•		Address			Kepali	org. P.	0. No., Job	No., etc
3. W	ork Perf	formed by ROGER	S, DANKO		Type C	ode Symb	ol Stamp N	/A
			Name		Author		No. N/A	
-	Same a	as #2			_ Expira	ation Dat	e <u>N/A</u>	
	-	Address						
4. I	dentific	ation of System	C\	CS-REACTO	R LETDOWN	& CHAR	GING	•
		able Const. Cod						
(D		able Edition of her 1983 Adder		XI, UCILIZEA	for Repairs	or Kebi	acements 19	83,
	<u>oum</u>	<u> </u>						N _e
6. I	dentific	ation of Compon	ents Repa	ired or Rep	laced and Re	placemen	t Component	g .,
<u></u>	<u> </u>		,			т		
ì					1	1	Repaired	ASME
<u>l</u>			į	1	Other		Replaced	Code Stamped
			Manuf.	National	Identi-	Year	Replace-	(Yes
1	me of	Name of	Serial	Board	fication	Built	ment	or No)
Com	ponent	Manufacturer	No.	No.	 	 		
	ALVE			1			1	
2-Q	RV-162		ļ	ļ	<u> </u>	<u> </u>		
STD	S/NUTS	TEXAS BOLTS	N/A	N/A	ASP-440	1975	REPLACED	ИО
					1			
			 	 	 	<u> </u>	-	
			ļ		<u> </u>		<u> </u>	
				1	ł	}	}	}
				·	<u>-1</u>	-/	·	<u> </u>
7. D	escripti	on of Work	(See R	emarks)		· · · · · · · · · · · · · · · · · · ·		
	%			1				
8. T	est Cond	lucted: Hydrost	atic L	Pneumatio	, LLJ Nom	inal Ope	rating Press	ure L
		-				-	-	
		٦., ٢			psi	mi		۰F
	n/a 🔀	Other	Pres	ssure	psi	Test Te	mp	
NOTE:	Supple	mental sheets i	n form of	lists, ske	tches, or dr	awings m	ay be used,	provided
(1) s.	ize is 8	H-1/2 in. x 11 is each sheet, and	n., (2) i	nformation :	in items 1 t	hrough 6	on this report	port is
recor	ded at t	the top of this	form.	CHOOL TO HAI	and		- Or Dilegeb	~~



Page 2 of 2

Remark	Applicable Manufacturer's Data Reports to be attached
'	
	PURCHASED TO DCCPM105QCN
•	Ref. JO #B018108 File:ME-VAL-2-ORV-162 ISI Class 1
- •	
	CERTIFICATE OF COMPLIANCE
repla	certify that the statements made in the report are correct and this accment conforms to the rules of the ASME Code, Section XI.
Type	Code Symbol Stamp N/A
Certi	ficate of Authorization No. N/A Expiration Date N/A
Signe	T. P. Beilman, Maint Superintendent Date Khoway, 19 11
	Owner of Owner's Designee, Title
·	CERTIFICATE OF INSERVICE INSPECTION
and Pro	undersigned, holding a valid commission issued by the National Board of Boiler essure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed RKWRIGHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS.
have i	aspected the components described in this Owner's Report during the period
descri	, and state that to the best of my knowledge lief, the Owner has performed examinations and taken corrective measures bed in this Owner's Report in accordance with the requirements of the ASME Section XI.
By s	igning this certificate neither the Inspector nor his employer makes any ty, expressed or implied, concerning the examinations and corrective measures sed in this Owner's Report. Furthermore, neither the Inspector nor his
employ	or shall be liable in any manner for any personal injury or property damage or of any kind arising from or connected with this inspection.
	Plutins paugh Commissions Mich 555, End N & Endorsements pector's Signature National Board, State, Province, Endorsements
1.1.5	*FACTORY MUTUAL SYSTEM
Date _	1/22 19 9/
}	•

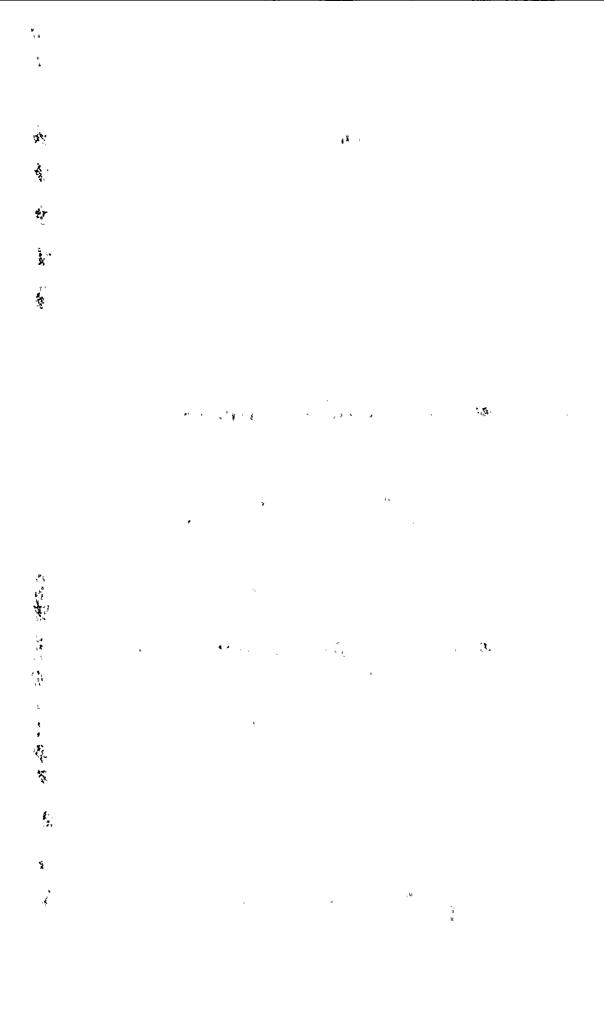
\$ \$ ** Ť; 700 ₹...' i Peç , h js. ŗ, **\$**

1.	Owner IN	DIANA' MICHIGA	N POWER	COMPANY	Date		8/20/90	
		Name						
	<u>P.O. Bo</u>	x 60 Fort Way Address	ne, IN	46801	_ Sheet	1_	of	2
2.	Plant D.	C. COOK NUCLE Name	AR POWER	RPLANT	Unit _		2	-
4	One Coo	k Place, Brid Address		49106			:ME-VAL-2-	
3.	Work Perf	ormed by K		\s			ol Stamp <u>N</u>	
	Same a	s #2	Name				No. N/A	
		S #2 Address		· · · · · · · · · · · · · · · · · · ·		icion bac	.0 <u>.11/.8</u>	
4.	Identific	ation of System	EMERG	ENCY CORE	COOLING	· · · · · · · · · · · · · · · · · · ·		
5.	(a) Applic (b) Applic	able Const. Code	e <u>*PAGE</u> Section :	2 19 -	Ed.,	Add.	acements 19	ode Case (
		er 1983 Adder						
)	Identific	ation of Compone	ents Repa	ired or Repl	laced and Re	placemen	t Component:	9
	Name of omponent	Name of Manufacturer	Manuf. .Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped . (Yes or No)
	VALVE -IMO-326		[
ST	UDS/NUTS	BAYLINE BOLT	N/A	N/A	ASP-2140	1979	REPLACED	NO .
 	•		<u> </u>			<u> </u>		
7.	Descripti	on of Work	(See R	emarks)	!	. '	<u></u>	
	_	ucted: Hydrost		ı	Nom	inal Ope	rating Press	ure 🗀
	n/a 🔀	Other	Press	ure	psi	Test Tem	p	°F
(1) inc:	size is 8 Luded on e	mental sheets in -1/2 in. x 11 in ach sheet, and he top of this	n., (2) i: (3) each :	nformation i	n items 1 t	hrough 6	on this rep	port is

13. Out of the 3 €.

Page 2 of 2

. Remarks	Unit 2, REPLACED B/B STUDS/NUTS ON VALVE 2-IMO-326
	Applicable Manufacturer's Data Reports to be attached
*	*PURCHASED IN ACCORDANCE WITH SPECIFICATION DCCPM1050CN
	Ref. JO #B016836 File:ME-VAL-2-IMO-326 ISI Class 1
	· · · · · · · · · · · · · · · · · · ·
	CERTIFICATE OF COMPLIANCE
We cert	ify that the statements made in the report are correct and this
replaceme	conforms to the rules of the ASME Code, Section XI.
-	- · · · · · · · · · · · · · · · · · · ·
	Symbol Stamp N/A
	e of Authorization No. N/A Expiration Date N/A
Signed T.	P. Beilman Maint. Superintendent Date /- 5 , 19 9/
C	Owner of Owner's Designee, Title
•	
	CERTIFICATE OF INSERVICE INSPECTION
and Pressur by <u>ARKWR</u> have inspec	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. Total the components described in this Owner's Report during the period to <u>Jan. 10, 1991</u> , and state that to the best of my knowledge
and belief, described	, the Owner has performed examinations and taken corrective measures In this Owner's Report in accordance with the requirements of the ASME
warranty, edescribed in employer shape	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 or any kind arising from or connected with this inspection.
Pary 1	W. White Commissions Mich. # 0686 Or's Signature National Board, State, Province, Endorsements
V	*FACTORY MUTUAL SYSTEM
Date <u>Jan</u>	· /O, 19 //
-	



1. Owner INDIANA MICHIGAN POWER COMPANY Date 8/22/90							
P.O. Bo	x 60 Fort Way	ne. IN	46801	Sheet	1_	of2	
2. Plant D.	C. COOK NUCLE	AR POWER	RPLANT	Unit _	······································	2	
One Cool	Name k Place, Brid	gman, Mi	49106			:ME-VAL-2-	
•	Address		ė	Repair	org. P.	O. No., Job	No., etc
3. Work Perf	ormed byC.E	.FORD		Type C	ode Symb	ol Stamp N	/ D
		Name				No. N/A	
<u>Same</u> a	S #2 Address			Expira	tion Dat	e N/A	
	Address						
4. Identific	ation of System		REACTO	R COOLANT	·		
5 '/al Applic	able Const Cod	A ASME T	TT 1096	Pd			ada Gasa
(b) Applic	able Const. Cod able Edition of	Section :	<u>11 </u>	for Repairs	or Renl	acements 198	ode Case
	er 1983 Adder		00111200	TOT Reputite	or webr	acementes 17	
		- 			_		
6. Identific	ation of Compon	ents Repa	ired or Repi	laced and Re	placemen	t Components	3
	<u> </u>	Γ	T	<u> </u>	 	7	
]	1			Ì	Repaired Replaced	ASME Code
ļ]	l		Other		or	Stamped
		Manuf.	National	Identi-	Year	Replace-	(Yes
Name of Component	Name of Manufacturer	Serial No.	Board No.	fication	Built	ment	or No)
Component	Manufacturer	10.	110.			<u> </u>	
VALVE 2-SV-45C	CROSBY	N/A	N/A	ASP-9827	1987	REPLACED	NO.
FLG. NUTS	CARDINAL	N/A	N/A	ASP-9828	1987	REPLACED	МО
1201			,	1			
	 			 	 	ļ	
					<u> </u>		
7. Descripti	on of Work	(See R	emarksi				
neperther		1000 1					······································
Š. Test Cond	ucted: Hydrost	atic	Pneumatio	, Mom	inal Oper	rating Press	ure 🖂
	orhan [ran ra	nai	Togt To	mp	°F
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(1) size is 8 included on e	mental sheets in -1/2 in. x 11 in ach sheet, and he top of this	n., (2) in (3) each s	nformation i	in items 1 t	hrough 6	on this ret	ort is

1 4: \$ 41,7 THE PROPERTY OF THE PARTY OF TH と なびょう

Page 2 of 2

.	Remarks Unit 2. REPLACED VALVE AND FLANGE NUTS ON VALVE 2-SV-45C.	
	Applicable Manufacturer's Data Reports to be attached	
	NEW VALVE SER. NO. RV-2-8010B	
	NEW VALUE SER. NO. RV-2-8010B	
		-
	Ref. JO #B004913 File:ME-VAL-2-SV-45C ISI Class 1	
,		
Γ_		
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 StampN/A	•
1		
	Certificate of Authorization No. N/A Expiration Date N/A	
	Signed T. P. Beilman, Maiht. Superintendent Date ZDA A A 19 91	
	Owner of Owner's Designee, Title	
L		
	· · · · · · · · · · · · · · · · · · ·	
	CERTIFICATE OF INSERVICE INSPECTION	
	T the undergiaged helding a uplid gammingian inqued by the National Board of Beile	_
´	I, the undersigned, holding a valid commission issued by the National Board of Boile 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	
	have inspected the components described in this Owner's Report during the period, and state that to the best of my knowledge	
Ì	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	
Ì	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.	
		ı
-	Inspector's Signature Commissions Mich 555, End NSI National Board, State, Province, Endorsements	3
}		
	Date/ / ZZ19 9/	ı

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1. 0	wner <u>IN</u>	DIANA MICHIGA	N POWER	COMPANY	Date _	8	3/22/90	
<u>P</u>	.O. Bo	Name x 60 Fort Way	ne, IN	46801	Sheet	1	of2	
		Address					-	
2. P	Lant D.	C. COOK NUCLE	AR POWER	R PLANT	_ Unit _	 	2	
<u>o:</u>	ne Coo	k Place, Brid Address	gman, M	49106			:PS-28-2-5	
3. Wo	ork Perf	ormed by	C.E.FORD)	Type C	ode Symb	ol Stamp <u>N</u>	7/A
•			Name		Author	ization	No. <u>N/A</u>	
÷	Same a	s #2 Address			_ Expira	tion Dat	e <u>N/A</u>	
		ation of System	T .	REACTOR CO	ΟΤ.ΆΝͲ			
			•					
		able Const. Code able Edition of						
(5)		er 1983 Adder		AI UCILIZEU	TOT Repairs	or webr	acements 13	00,
6. Id	lentific	ation of Compone	ents Repa	ired or Rep	laced and Re	placemen	t Component	B
1	me of ponent	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	 Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
	ALVE V-45B							
FLG S	STUDS	NOVA	N/A	N/A	ASP-12239	1988	REPLACED	ио
FLG 1	NUTS	CARDINAL	N/A	N/A	ASP-9828	1987	REPLACED	МО
<u></u>			<u> </u>	1		<u> </u>	<u>L </u>	<u> </u>
7. De	escripti	on of Work	(See R	<u>emarks)</u>			<u> </u>	
8. Te	est Cond	ucted: Hydrost	atic 🗀	Pneumatic	Nom:	inal Ope	rating Press	ure 🔀
		Other	Pres	ssure	psi	Test Te	mp.	°F
(1) si includ	ze is 8 led on e	mental sheets in -1/2 in. x 11 in ach sheet, and he top of this	n form of n., (2) in (3) each n	lists, sket	ches, or dr in items 1 t	awings m hrough 6	ay be used, on this re	provided

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Page 2 of 2

	Remarks	Unit 2. REPLACED INLET FLANGE STUDS/NUTS ON VALVE 2-SV-45B Applicable Manufacturer's Data Reports to be attached
	ı	Applicable Manufacturer's Data Reports to be attached
		Ref. JO #B006122 File:PS-28-2-SV-45B ISI Class 1
	,	
1		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.
ļ	repair or	replacement
	Type Code	Symbol StampN/A
	Certificat	e of Authorization No. N/A Expiration Date N/A
	Signed T.	P. Beilman, Maint. Syperintendent Date Zokanan, 1971
		wner of Owner's Designee, Title
	* *	
	•	CERTIFICATE OF INSERVICE INSPECTION
	and Pressur by <u>ARKWRI</u> have inspec	rsigned, holding a valid commission issued by the National Board of Boiler to Vessel Inspectors and the State or Province of Michigan and employed to MUTUAL INS. CO.* Of NORWOOD, MASS. Ted the components described in this Owner's Report during the period-
	and belief, described i Code, Secti	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 on XI.
	By signin warranty, e described i employer sh	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 or many kind arising from or connected with this inspection.
	Inspecto	Autro paugh Commissions Mich 555 ENS NT I or's Signature . National Board, State, Province, Endorsements
		*FACTORY MUTUAL SYSTEM
[.	Date//2	19 9/

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1.	Owner IN	DIANA MICHIGA Name	N POWER	COMPANY	Date _	·	8/22/90	
	P.O. Box 60 Fort Wayne, IN 46801 Sheet, 1 of 2							
2.	Plant D.	C. COOK NUCLE	AR POWER	יייאג.זמ	i IIni+		2	
4.	rianc <u>D.</u>	Name	ARC TONDE	V PLEMI	01110_			
1	One Cool	k Place, Brid Address	gman, Mi	49106			:PS-2-STN- O. No., Job	
3.	Work Perf	ormed by ROBI	NSON, DE	N.	Type C	ode Symb	ol Stamp <u>N</u>	/A
	Samo⊸a	ıs #2	Name				No. <u>N/A</u> e <u>N/A</u>	
	_bame_a	Address			_ Exbira	ation Dat	e <u>N/A</u>	
4.	Identific	ation of System	•	EMERGENCY	CORE COO	LING (R	HR)	
		able Const. Code						
·		er 1983 Adder		4		,		
6.	Identific	ation of Compone	ents Repa	ired or Repl	laced and Re	placemen	t Component	5
•	Name of	Name of Manufacturer	Manuf. Serial	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
	omponent	Manuraccurer	NO.	NO.		 	 	
	STRAINER -STN-42E							
S'	TUD/NUT	TEXAS BOLT	N/A	N/A	ASP-493	1976	REPLACED	NO
	·							
						<u> </u>		
			'1				3	
7.	Descripti	on of Work	(See R	emarks)				
8.	Test Cond	ucted: Hydrosta	atic 🗀	Pneumatic	Nom	inal Ope	rating Press	ure 🗀
	n/a 🔀	Other	Pres	sure	psi	Test Te	mp	°F
(1)	N/A Other Pressurepsi Test 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.							

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Page 2 of 2

•	Remarks	Unit 2, REPLACED ONE STUD/NUT ON STRAINER 2-STAPPLICABLE Manufacturer's Data Reports to be attached	<u>FN-42E</u> d					
	•	PURCHASED PER DCCPM1050CN						
		Ref. JO #B016147 File:PS-2-STN-42E IS	SI Class 2					
		*						
		CERTIFICATE OF COMPLIANCE						
	replaceme	rify that the statements made in the report are correct a conforms to the rules of the ASME Code, Sect replacement	nd this ion XI.					
	Type Code Symbol Stamp N/A							
	Signed T.	P. Beilman, Maint. Superintendent Date Zoom. N/A 1991 Owner of Owner's Designee, Title						
	•	AC ENT						
	·	CERTIFICATE OF INSERVICE INSPECTION						
	and Pressur by ARKWRI have inspec	ersigned, holding a valid commission issued by the Nation re Vessel Inspectors and the State or Province of <u>Michile IGHT MUTUAL INS. CO.*</u> of <u>NORWOOD, MASS.</u> cted the components described in this Owner's Report during to, and state that to the best of the Owner has performed examinations and taken correction this Owner's Report in accordance with the requirement	ng the period st of my knowledge					
,	Code, Secti By signin warranty, e described i	ion XI. ng this certificate neither the Inspector nor his employed expressed or implied, concerning the examinations and continuous this Owner's Report. Furthermore, neither the Inspect hall be liable in any manner for any personal injury or pany kind arising from or connected with this inspection.	er makes any rective measures or nor his					
	212 16	Commissions Mich 555, END NIT National Board, State, Providence	rince Endorgemen					
	Inspecto	or a signature	Tites, Direct bemen					

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,	Owner TW	DIANA MICUICA	N DOMED	COMPANY	Daha		21 00	
1.	Owner Thi	DIANA MICHIGA Name	N POWER	COMPANI	<i>D</i> ate _		3-31-90	
	P.O. Bo	x 60 Fort Way	ne, IN	46801	Sheet	1	of2	
2.	Plant D.	C. COOK NUCLE	AR POWE	R PLANT	Unit		2	
	<u></u>	Name			_		<u></u> -	
	One Cool	k Place, Brid Address	gman, Mi	49106			:ME-VAL-2- O. No., Job	
3.	Work Perf	ormed by BO	GGS,WILI	LIAMS	_	_	ol Stamp <u>N</u>	
	Same a	s #2_	Name		Author Expira		No. <u>N/A</u> e <u>N/A</u>	
		Address		-				
4.	Identific	ation of System		EMERGE	NCY CORE C	COOLING	(RHR)	
5.	(a) Applic	able Const. Cod able Edition of	e <u>ASME'I</u>	II . 1986	Ed., 1987	Add.	acements 19	ode Case
	Summ	er 1983 Adder	nda	ri ocilized	TOI REPAILS	OI Kepi	, acemente 13	
	Identific	ation of Compon	ents Repa	ired or Repl	Laced and Re	placemen	t Component:	3
	Name of	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-	VALVE SV-105W							
ST	UDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-11803	1989	REPLACED	NO
_			<u> </u>	<u> </u>	*			
-			<u> </u>	<u> </u>				
<u></u>			/200 P		<u> </u>	<u> </u>	<u> </u>	نـــــا
7.	Description	on of Work	(See K	emarks)				
8.	Test Cond	ucted: Hydrost	atic	Pneumatic	Nomi	inal Oper	ating Press	ure
	. N/A 🔀	Other [Pres	ssure	isq	Test Te	mp	°F
inc	size is 8 luded on e	mental sheets in -1/2 in. x 11 in ach sheet, and he top of this	n., (2) i (3) each :	nformation i	n items 1 t	hrough 6	on this rep	ort is

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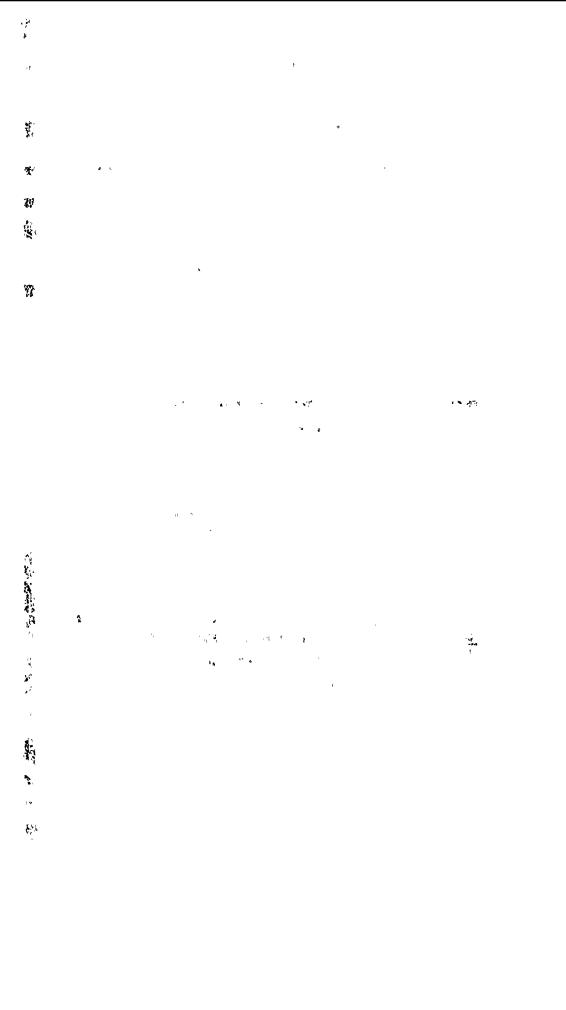
Page 2 of 2

Remarks	Unit 2, REPLACED INLET/OUTLET BOLTING ON VALVE 2-SV-105W Applicable Manufacturer's Data Reports to be attached					
	Ref. JO #B000178 File:ME-VAL-2-SV-105W ISI CLASS 2					
We cert	CERTIFICATE OF COMPLIANCE					
replaceme repair or	ent conforms to the rules of the ASME Code, Section XI. replacement N/A					
1	P. Beilman, Maidt. Superintendent Date 4					
	CERTIFICATE OF INSERVICE INSPECTION					
and Pressur by ARKWRI have inspec	ersigned, holding a valid commission issued by the National Board of Boiler versel Inspectors and the State or Province of <u>Michigan</u> and employed IGHT MUTUAL INS. CO.* of <u>NORWOOD</u> , MASS. The components described in this Owner's Report during the period to <u>Jan. 16 1991</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.					
warranty, edescribed in employer shape	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.					
Inspec	r's Signature Commissions Mich. # 0686 National Board, State, Province, Endorsements					
·	*FACTORY MUTUAL SYSTEM					

#! 1", 10", The state ... 13 77 1000 (¥. Ŧ, **X**; ý 23 4

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1. Owner INDIANA MICHIGAN POWER COMPANY Date 8/31/90				
Name P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2				
Address				
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2				
One Cook Place, Bridgman, MI 49106 Address B000177, FILE: ME-VAL-2-SV- Repair Org. P.O. No., Job No.	<u>-105E</u> , etc			
3. Work Performed by L.BOGGS.A.LAWLESS Type Code Symbol Stamp N/A				
Name Authorization No. N/A				
Same as #2 Expiration Date N/A	- ·			
4. Identification of SystemEMERGENCY CORE COOLING (RHR)				
5. (a) Applicable Const. Code <u>ASME III</u> 1986 Ed., 1988 Add Code (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,	Case			
Summer 1983 Addenda				
6. Identification of Components Repaired or Replaced and Replacement Components				
Manuf. National Identi- Year Replaced Co	ME de amped es No)			
VALVE 2-SV-105E				
STUDS/NUTS CARDINAL N/A N/A ASP-11683 1989 REPLACED	МО			
·				
Con Powerles				
7. Description of Work (See Remarks)	- <u>-</u>			
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure				
. ————·				
N/A Other Pressurepsi Test 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.				



Page 2 of 2

R.	Remarks	Unit 2, REPLACED FLANGE BOLTING ON VALVE 2-SV-105E				
Applicable Manufacturer's Data Reports to be attached						
		Ref. JO #B000177 File:ME-VAL-2-SV-105E ISI Class 2				
		CERTIFICATE OF COMPLIANCE				
	We cer	tify that the statements made in the report are correct and this ent conforms to the rules of the ASME Code, Section XI.				
	repair or	replacement				
•		Symbol Stamp N/A				
	Certifica	te of Authorization Na. N/A Expiration Date N/A				
	Signed T.	P. Beilman, Maint Superintendent Date 14 many , 19 4) Owner of Owner's Designee, Title				
11		owner or owner a recognition, events				
<u> </u>						
		CERTIFICATE OF INSERVICE INSPECTION				
	I, the und	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 ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period					
	nave inspe	to Tan. 16, 1911, and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures				
	described	in this Owner's Report in accordance with the requirements of the Abril				
	Code, Sect By signi	ng this cortificate 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 s a loss of	shall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.				
	Nocky.	W. White Commissions Mich. # 0686 cor's Signature National Board, State, Province, Endorsements				
	•	·				
	Date	*FACTORY MUTUAL SYSTEM				
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1.	Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	Date _	8-31-9	0	
	P.O. Bo	x 60 Fort Way	ne, IN	46801	Sheet	1	of_2	
2.	Plant D.	C. COOK NUCLE	AR POWER	RPLANT	Unit _		2	· · · · · · · · · · · · · · · · · · ·
	One Cook Place, Bridgman, MI 49106 B000176, ME-VAL-2-SV-104E							
3.	Address Repair Org. P.O. No., Job No., etc 3. Work Performed by L. Boggs Type Code Symbol Stamp N/A				N/A			
	Same a	s #2 Address	Name	•	Autho Expir		No. <u>N/A</u> ate <u>N/A</u>	
	*	Address						
4.	Identific	ation of System	Emerge	ncy Core	Cooling (F	HR)		
5.	(a) Applic	able Const. Code	ASME S	<u>ec III</u> 19 <u>8</u>	36_Ed.,_198	8Ad	d. NA	Code Case
		able Edition of er 1983 Adder		XI Utilized	for Repairs	or Repl	acements 19 <u>8</u>	
6.	Identific	ation of Compone	ents Repa	ired or Repl	` laced and Re	placemen	t Components	3
	Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
	lve -SV-104E		•					
	Outlet Solting	Cardinal	N/A	N/A	ASP-11683	1989	Replaced	Мо
-						<u> </u>		
-					 	 		
	Donouluki		/500 B	omanica)	. !	<u> </u>	·L	L
7,•	nescriber	on of Work	(266 K	emarks)				
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure								
N/A Other Pressurepsi Test 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.								

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Page 2 of 2

Remarks Unit 2, Replaced Outlet Flange Studs/Nuts on Valve 2-SV-10					
		Applicable Manufacturer's Data Reports to be attached			
		Ref. JO #B000176 File: ME-VAL-2-SV-104E ISI Class 2			
		•			
Γ		· .			
		CERTIFICATE OF COMPLIANCE			
	replaceme	rify that the statements made in the report are correct and this continuous to the rules of the ASME Code, Section XI. replacement			
	-	Symbol StampN/A			
		se of Authorization N/A Expiration Date N/A			
-		P. Beilman, Maint. Suberintendent Date V. O. C. Color , 19 %			
	0	wner of Owner's De sig nee, Title			
P					
		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				
Ì	described i Code, Secti	In this Owner's Report in accordance with the requirements of the ASME			
	By signin	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 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 Mich 555 Enf N : I National Board, State, Province, Endorsements			
ı	- 1 - 12 -	*FACTORY MUTUAL SYSTEM			
	Date				

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•								
1	Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	_ Date _	- -	8/31/90	
	P.O. Bo	x 60 Fort Way	ne, IN	46801	_ Sheet	11	of2	<u>}</u>
	ū	Address						-
2	2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2							
	One Cook Place, Bridgman, MI 49106 Address B000175,FILE:ME-VAL-2-SV-103 Repair Org. P.O. No., Job No., etc					SV-103 No., etc		
3	. Work Perf	ormed by J.VE	RN, D.WA	UGH	_	_	ol Stamp <u>N</u>	-
		*	Name		Author	ization.	No. <u>N/A</u>	
	_Same_a	S #2 Address	 	· · · · · · · · · · · · · · · · · · ·	Expira	tion Dat	e <u>N/A</u>	
4	.' Identific	ation of System	· <u>E</u>	MERGENCY	CORE COOLI	NG (RHI	R)	
5	(a) Applic	able Const. Cod able Edition of	e <u>ASME I</u>	II 19 <u>86</u>	Ed., 1987	Add	C	ode Case
		er 1983 Adder		i dellized	TOT Webarra	or webr	,	7.1
6	. Identific	ation of Compon	ents Repa	ired or Repl	aced and Re	placemen	t Components	j "a
		,		,	Other		Repaired Replaced or	ASME Code Stamped
·	Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board	Identi- fication	Year Built	Replace- ment	(Yes or No)
	VALVE 2-SV-103						-	,
	STDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-12493	1990	REPLACED	NO
L	STDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-11803	1989	REPLACED	NO
	STUD/NUT	CARDINAL	N/A	N/A	ASP-12567	1990	REPLACED	NO
L	· ·			! 				
7	. Descripti	on of Work	(See R	emarks)				
			,					
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure								
. N/A Other Pressurepsi Test 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								



Page 2 of 2

. Remarks _	Unit 2. REPLACED INLET/OUTLET STUDS/NUTS				
	Applicable Manufacturer's Data Reports to be attached				
	ON VALVE 2-SV-103				
					
	Ref. JO #B000175 File:ME-VAL-2-SV-103 ISI Class 2				
•					
	CERTIFICATE OF COMPLIANCE				
We cor	tify that the statements made in the report are correct and this				
replaceme	ent conforms to the rules of the ASME Code, Section XI.				
repair or	replacement				
Type Code	Symbol Stamp N/A				
Certifica	te of Authorization NA NA Expiration Date N/A				
Signed T. P. Beilman, Maint Superintendent Date Zo Away , 19 4					
	· · · · · · · · · · · · · · · · · · ·				
	CERTIFICATE OF INSERVICE INSPECTION				
	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 NORWOOD, MASS.				
have inspe	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				
described	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				
warranty,	expressed or implied, concerning the examinations and corrective measures				
described employer s	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				
a loss of	any kind arising from or connected with this inspection.				
man	luters paugh Commissions Mich 555, End NII				
Inspect	or's Signature National Board, State, Province, Endorsements				
1	*FACTORY MUTUAL SYSTEM				
Date	19 91				

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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

							
1. Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	_ Date _	9/:	3/90	
P.O. Bo	x 60 Fort Way Address	ne, IN	46801	Sheet	1	of2	
2. Plant D.	C. COOK NUCLE	AR POWE	R PLANT	Unit _	· ··········	2	· · · · · · · · · · · · · · · · · · ·
One Coo	Name k Place, Brid Address	gman, M	<u> 49106</u>			:ME-VAL-2-	
3. Work Perf	ormed by <u>YOUNG</u>	, WILLIA	ams	-	_	0. No., Job ol Stamp <u>N</u>	•
Same a	s #2 Address	Name				No. <u>N/A</u> e <u>N/A</u>	
4. Identific	ation of System		CVCS-REA	CTOR LETDO	WN & C	HARGING	
(b) Applic	able Const. Cod able Edition of mer 1983 Adden	Section :	<u>II</u> 19 <u>86</u> Ed. XI Utilized	, 1988 for Repairs	Add	Code	Case
6. Identific	ation of Compon	ents Repa	ired or Repl	laced and Re	placemen	t Components	3
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
VALVE 2-QRV-303							•
STUD/NUTS	ENERGY STEEL	N/A	N/A	ASP-11909	1989	REPLACED	NO
							,
			<u> </u>				
	on of Work					,	
g. Test Cond	ucted: Hydrost		•		_	rating Press	
, n/a 🔀	⊸ i					mp	,
(1) size is 8 included on e	mental sheets in -1/2 in. x 11 in ach sheet, and he top of this	n., (2) i: (3) each :	nformation i	n items 1 t	hrouah 6	on this rep	ort is

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Page 2 of 2

. Remarks _	Unit 2, REPLACED FLANGE STUD/NUTS ON VALVE 2-ORV-303
	Applicable Manufacturer's Data Reports to be attached
	•
	Ref. JO #B016150 File:ME-VAL-2-ORV-303 ISI Class 2
	•
	CERTIFICATE OF COMPLIANCE
We cer	tify that the statements made in the report are correct and this
replacement or	ent conforms to the rules of the ASME Code, Section XI.
-	- ,
Type Code	Symbol Stamp N/A
Certifica	te of Authorization No. N/A Expiration Date N/A
	N/Ak.
Signed T.	P. Beilman, Maint. Superintendent Date 17 , 19 1
· · · · · · · · · · · · · · · · · · ·	
	· construct on the state of the
	CERTIFICATE OF INSERVICE INSPECTION
I, the und	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 NORWOOD, MASS.
have inspe	IGHT MUTUAL INS. CO.* of NORWOOD, MASS. cted the components described in this Owner's Report during the period
1/22/91	to, and state that to the best of my knowledge
and belief	, the Owner has performed examinations and taken corrective measures
Code, Sect	in this Owner's Report in accordance with the requirements of the ASME
	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
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 National Board, State, Province, Endorsements
_3	
Date //:	*FACTORY MUTUAL SYSTEM
Date	** <u>***********************************</u>

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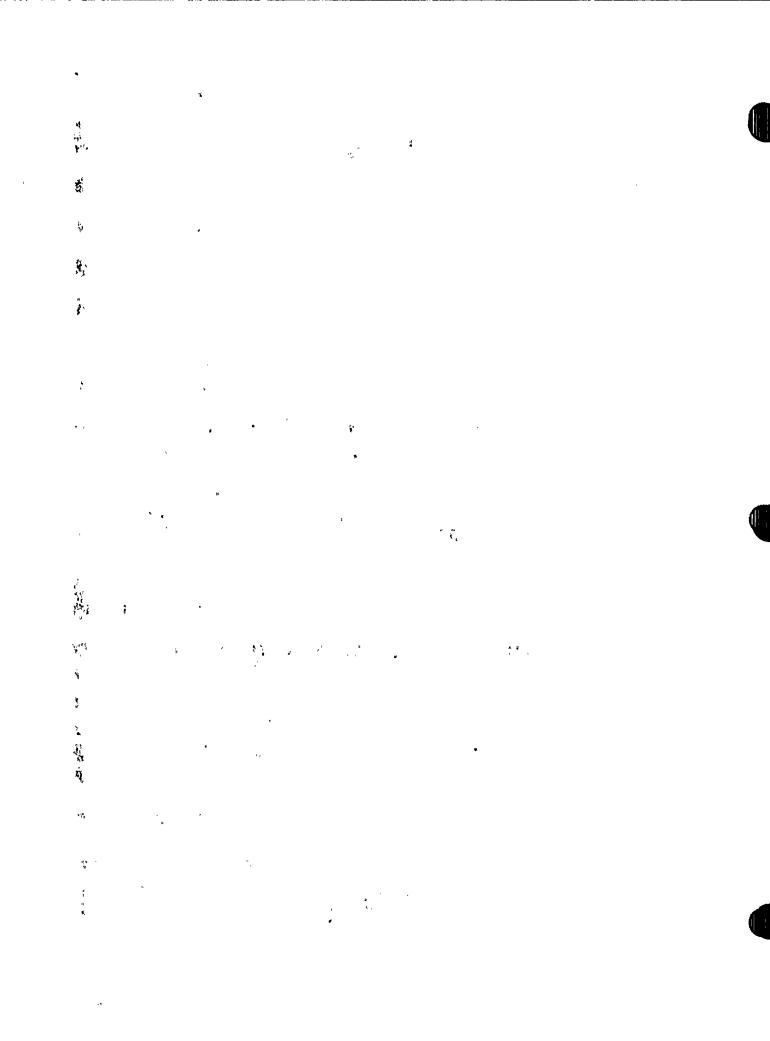
FORM NIS-2 OWNER'S REPORT FOR REPAIRS, OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1. 0%	ner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	Date _		9/4/90	
<u> P</u>	.O. Bo	x 60 Fort Way	ne, IN	46801	Sheet	1	of2_	
2. Pl	lant D.	C. COOK NUCLE	AR POWER	R PLANT	Unit _	 	2	
<u>O:</u>	ne Coo	Name k Place, Brid						
 3. Wo	ork Perf	Address ormed by <u>WAUGH</u>			_		Job No., e	
			Name		Author	ization	No. N/A	
_	Jame a	Address			- EXPILE	icton pac	.e <u>N/A</u>	
4. Id	lentific	ation of System	CV	CS-REACTO	R LETDOWN	& CHAR	GING	
		able Const. Code						
(5)		er 1983 Adder		vi ocilized	for Repairs	or kebi	acements 19	03,
Id	lentific	ation of Compone	ents Repa	ired or Repl	laced and Re	placemen	t Component	3
1	ne of ponent	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
,	ALVE RV-160							
STUD	/NUTS	NO.CENT.FAST.	N/A	N/A	ASP-272	1975	REPLACED	NO
STUD	s/NUTS	TEXAS BOLT	N/A	N/A	ASP-440	1975	REPLACED	МО
	 _							
7. De	escripti	on of Work	(See R	emarks)		<u></u>	<u></u>	J
		ucted: Hydrosta	[Nom	inal Ope	rating Press	sure
,	N/A ∑	Other	Pres	ssure	psi	Test Te	mp.	°F
(1) si includ	ze is 8 led on e	mental sheets in -1/2 in. x 11 in ach sheet, and he top of this	n., (2) i: (3) each :	nformation i	in items 1 t	hrough 6	on this re	port is

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Page 2 of 2

J.	Remarks	Unit 2. REPLACED BODY TO BONNET FASTNERS ON VALVE 2-ORV-160 Applicable Manufacturer's Data Reports to be attached
ž		
		PURCHASED PER DCCPM105QCN
		Ref. JO #B003799 File:ME-VAL-2-SV=160 · ISI Class 1
		CERTIFICATE OF COMPLIANCE
	<u>replaceme</u>	ify that the statements made in the report are correct and this nt conforms to the rules of the ASME Code, Section XI. replacement
1	Type Code	Symbol Stamp N/A
	Certificat	e of Authorization NgN/A Expiration DateN/A
1.		P. Beilman, Maintl Superintendent Date Manuary, 1951
	0	wner of Owner's Designee, Title
-		
		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.
	and belief, described i	cht Mutual Ins. co.* of Norwood, Mass. ted 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
	Code, Secti By signin	on XI. g this certificate neither the Inspector nor his employer makes any xpressed or implied, concerning the examinations and corrective measures
	described i employer sh	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.
		tus paugh commissions Mich 555, END NII
	Inspecto	r's Signature National Board, State, Province, Endorsements
	Date _ //2	*FACTORY MUTUAL SYSTEM



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

===								
1. (Owner <u>IN</u>	DIANA MICHIGA	N POWER	COMPANY	Date_	÷	9/4/90	
		Name				•		
•	P.O. Bo	x 60 Fort Way Address	ne, IN	46801	Sheet	1	_of2	
2. 1	Plant D.	C. COOK NUCLE	AR POWE	R PLANT	Unit		2	
		Name					•	
9	One Coo	k Place, Brid	gman, M	<u> 49106</u>				
		Address			Repair (org. P.O.	No., Job N	o., etc
3. 7	York Perf	formed by <u>I.H.</u>		<u> </u>			ol Stamp <u>N</u>	
	_Same a	ng #3	Name				No. <u>N/A</u>	
	_same a	Address	<u></u>		Expir	ation Dat	e <u>N/A</u>	
4.	Identific	ation of System		REACTOR	COOLANT			
		able Const. Cod	-			36 244		lodo Cago
· (1	o) Applic	able Edition of	Section	XI Utiliz	ed for Repairs	s or Repl	acements 19	83,
	Summ	er 1983 Adder	<u>nda</u>		-	_		
6.	Identific	ation of Compon	ents Repa	ired or R	eplaced and Re	eplacemen	t Component	g
/		<u> </u>	η	Υ		-		γ
			,		, `	1	Repaired	ASME
}			Manuf.	Nat.	Other		Replaced or	Code Stamped
	ame of	Name of Manufacturer	Serial '	Board No.	Identi- fication	Year Built	Replace-	(Yes
	mponent	Manuracturer	NO.	NO.	ricacion	Bulle	ment	or No)
	VALVE NRV-153			<u></u>				
В	/B STUD	HWD SPEC.CO.	N/A	N/A	ASP-9611 .	1987	REPLACED	МО
			 	 				
L		<u>!</u>		<u> </u>	L		.1	
7. I	escripti	on of Work	<u>(See_R</u>	<u>emarks)</u>				
					L			
8. 2	Cest Cond	ucted: Hydrost	atic —	Pneuma	tic Nom	inal Ope	rating Press	ure 🖂
		٠ ٢	\neg					
		Other L	Pres	ssure	psi	Test Te	mp	°F
NOTE	Supple	mental sheets in	n form of	lists, s	ketches, or dr	awings m	ay be used,	provided
inclu	ided on e	-1/2 in. x ll i	(3) each	nrormatio sheet is	n in items 1 to numbered and t	nrougn 6 he numbe	r of sheets	is
recor	ded at t	he top of this	form.					

Ž. ٩ ħ) |}* ,¥.

Page 2 of 2

J.	Remarks	Unit 2, REPLACED ONE (1) B/B SS STUD ON VALVE 2-NRV-153
		Applicable Manufacturer's Data Reports to be attached
		Pof TO #BOOAsse File WE-WAL-2-NBW 152 TOT Glass 1
		Ref. JO #B004666 File:ME-VAL-2-NRV-153 ISI Class 1
		CERTIFICATE OF COMPLIANCE
Ì	We cert	ify that the statements made in the report are correct and this
İ	replaceme	replacement conforms to the rules of the ASME Code, Section XI.
1	repair or	replacement .
}	Type Code	Symbol Stamp N/A
1	Certificat	e of Anthorization No. N/A Expiration Date N/A
1		P. Beilman, Maint. Superintendent Date 2-5, 199/
1.	Signed T.	P. Beilman, Maint. Superintendent Date, 19, 19
		*
7		CERTIFICATE OF INSERVICE INSPECTION
	I, the unde	ersigned, holding a valid commission issued by the National Board of Boiler
-	and Pressur	e Vessel Inspectors and the State or Province of <u>Michigan</u> and employed
	have inspec	GHT MUTUAL INS. CO.* of NORWOOD, MASS. Sted the components described in this Owner's Report during the period
1	2-6-91	to, and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures
ĸ	described i	in this Owner's Report in accordance with the requirements of the ASME
- {	Code, Secti	Lon XI.
	By signin	ng this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures
1	described i	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.
		or's signature Commissions Mich 555, END NiT National Board, State, Province, Endorsements
İ		*FACTORY MUTUAL SYSTEM
1	Date Feb	· · · · · · · · · · · · · · · · · · ·
1.	*	,

7 ¥ ž. * 4 W 1 Mes - Santa Rate ; 2, , which is the second of the s . . ilg 'A 7. ϵ_i

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

1.	Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	Date _	9	9/4/90	•
	P.O. Box	x 60 Fort Way	ne, IN	46801	Sheet	, <u> </u>	of2	
2.	Plant D.C	C. COOK NUCLE	AR POWER	PLANT	Unit _		2	¥
	One Cool	K Place, Brid Address	gman, MI	49106			:PS-2-GRC- O. No., Job	
3.	Work Perf	ormed by <u>REE</u>	SE.IMLER	.	Type C	ode Simbi	ol Stamp <u>N</u>	/2
		-	Name				No. N/A	
	<u>Same a</u>	s #2 Address					e N/A	
4.	Idențific	ation of System	R	EACTOR	COOLANT PIPI	E SUPPOI	RT (SNUBBE	R)
5.	(b) Applic	able Const. Cod able Edition of	Section >	3 <u>1.1</u> 19 <u>67</u> KI Utiliz	*Ed., N/A ed for Repairs	Add	N/A Cod acements 198	de Case
	Summ	<u>èr 1983 Adder</u>	<u>nda</u>				, `	
6.	Identific	ation of Compon	ents Repai	red or R	eplaced 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	SNUBBER -GRC-S609	GRINNELL	AH- 1575	N/A	SN# 12980	1977	REPLACED	NO
	CONTROL VALVE	GRINNELL	41-2861	N/A	ASP-11636	. 1989	REPLACE- MENT	NO
	,					<u> </u>		
				!				
7.	Descripti	on of Work	(See R	emarks)				
e	_	ucted: Hydrost				inal Oper	ating Press	ure
	. N/A	Other [Pres	sure	psi	Test Te	mp	°F
NO	TE: Supple	mental sheets in	n form of	lists, s	ketches, or dr	awings m	ay 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.

1. 1. 新春 ţ., 清明的教育的 一一人人*

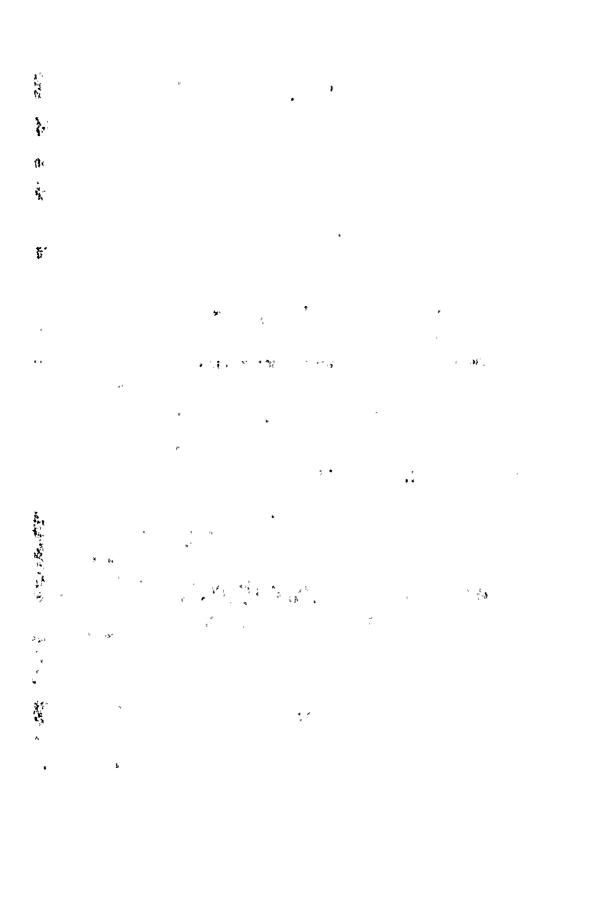
Page 2 of 2

FORM NIS-2 (Back)
9. Remarks Unit 2, REPLACED SNUBBER 2-GRC-S-609 CONTROL VALVE S/N
Applicable Manufacturer's Data Reports to be attached
79398753-574 WITH 77243163 19 1101, PURCHASED TO DESIGN
CRITERIA & INSTALLED PER T/S & MFG. INSTRUCTIONS.
Ref. JO #B007221 File:PS-2-GRC-S-609 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 T. P. Beilman, Maintl Superintendent Date 25 (25)
Signed T. P. Beilman, Maint Superintendent Date 25 Market 19 11 19 11 25 Market 19 11 25 Marke
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 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 of a loss of any kind arising from or connected with this inspection.
Inspector's Signature Commissions Mick 555, END NIT National Board, State, Province, Endorsements
*FACTORY MUTUAL SYSTEM
Date
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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

								
1.	Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	Date _	ç	/8/90	
	P.O. Box	60 Fort Way	ne, IN	46801	` Sheet	1	of2	
		Address	•		•			
2.	Plant D.C	C. COOK NUCLE Name	AR POWER	PLANT	Unit _		2	
	One Cool	R Place, Brid	oman. MT	49106	, B00481	9.FTTE	:PS-HS-2-F	WS-12
	<u>0110_0001</u>	Address	9.114.	17200	Repair		O. No., Job	
٠	Maule Doug	RHEW, ormed by <u>WALLA</u>	CE DEFCE	עחמטע י	Time C	nda Simbi	ol Stamp N	/ a
٥.	WOLK Perio	ormed by MADDA	Name	NOTIDE		_	No. N/A	
	Same a	s #2					e <u>N/A</u>	
		Address						
4.	Tdentific	ation of System		न	EEDWATER SYS	TEM		
	(a) Applic	able Const. Code	e ANSI B	3 <u>1.1</u> 19 <u>6</u>	57*Ed., N/A	Add	N/A co	ode Case
		able Edition of er 1983 Adder		KI Utiliz	ed for Repairs	or Kepi	acements 19 <u>8</u>	33,
							- 1	
6.	Identific	ation of Compone	ents Repai	red or R	Replaced and Re	placemen	t Components	
	Name, of	Name of	Manuf.	Nat. Board	Other Identi-	Year	Repaired Replaced or Replace-	ASME Code Stamped (Yes
	Component	Manufacturer	No.	No. ·	fication	Built	ment	or. No)
	SNUBBER 2-FWS-12	GRINNELL	11570	. N/A	CYL.S/N 73352916-90	1973	REPLACED	NO ·
	SNUBBER 2-FWS-12	GRINNELL	31279	N/A	CYL.S/N 78304284-19	1978	REPLCMENT	NO
	•							
L_		l	<u> </u>	<u> </u>	<u> </u>	J	1	
7.	Descripti	on of Work	(See_R	<u>emarks)</u>				
8.	Test Cond	ucted: Hydrost	atic	Pneuma	Atic Nom	inal Ope	rating Press	ure
		r]		•			
	. N/A [psi			
- /1) size is 8 cluded on e	mental sheets i -1/2 in. x 11 i ach sheet, and	n.; (2) i: (3) each	nformatio	on in items l t	nrougn t	on this rep	OLC IR
*		he ton of this	form					



Page 2 of 2

	. Remarks	Unit 2, REPLACED SNUBBER 2-FWS-12 S/N 11570 WITH S/N 31279.
		Applicable Manufacturer's Data Reports to be attached
		*PURCHASED TO DESIGN CRITERIA & INSTALLED PER T/S & MFG.
		INSTRUCTIONS
		Ref. JO #B004819 File:PS-HS-2-FWS-12 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.
ļ	Type Code	Symbol Stamp N/A
	2	the of Authorization No. N/A Expiration Date N/A
	Signed T.	P. Beilman Maint. Superintendent Date 2-5 , 19 9/ Owner of Owner's Designee, Title
		CERTIFICATE OF INSERVICE INSPECTION
	and Pressur by ARKWF have inspectively and belief described	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. Sected the components described in this Owner's Report during the period to, and state that to the best of my knowledge in this Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME
	warranty, described	cion 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 or any kind arising from or connected with this inspection.
	MA N	tor's Signature Commissions Mich 555, End NiI National Board, State, Province, Endorsements
	Date <u>Fe</u>	*FACTORY MUTUAL SYSTEM
- 1		

1 4. N. 4,0 , ×, ** The state of the s • 公月第八 15 1 4 3 1 * 1 \$ m, . 'n

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

				حاضي ع				
1. (Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	Date _		9/15/90	
	P.O. Bo	x 60 Fort Way Address	ne, IN	46801	Sheet'	11	of2	
2. 1	Plant D.	C. COOK NUCLE	AR POWER	PLANT	Unit _		2	
. 9	One Cool	k Place, Brid Address	gman, MI	49106			PS-MS-2-FV O. No., Job	
3. j	ork Perf	ormed by WALLA S #2 Address	Name		Author	ization	ol Stamp <u>N</u> No. <u>N/A</u> e <u>N/A</u>	/A
4.	dentific	ation of System	•	FE	EDWATER SYST	EM	-	
5. (8	a) Applic o) Applic	able Const. Code	e <u>ANSI B</u>	31.1 196	57*Ed., N/A	Add.		
6. :		er 1983 Adder		ired or F	eplaced and Re	placemen	t Component:	. 5
	ame of	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)
	SNUBBER 2-FWS-7	GRINNELL	11566	N/A	CYL. S/N 733552916-91	1973	REPLACED	NO
	SNUBBER 2-FWS-7	GRINNELL	20616	N/A	CYN. S/N 7611824831	1976	REPLACE- MENT	МО
						•		
7. 1	escripti	on of Work	(See R	emarks)				
8. :	Test Cond	ucted: Hydrost	atic	Pneuma	tic Nomi	inal Ope	rating Press	ure 🗀
	N/A 🔀	Other [Pres	iėnie —	psi_	Test Te	mp	·°F
(1) i	size is 8 ided on e	mental sheets in -1/2 in. x 11 in ach sheet, and he top of this:	n., (2) ir (3) each s	iformatic	n in items 1 t	hrough 6	on this rep	port is

37.5 P K), ٠. The second of th 1 . 1

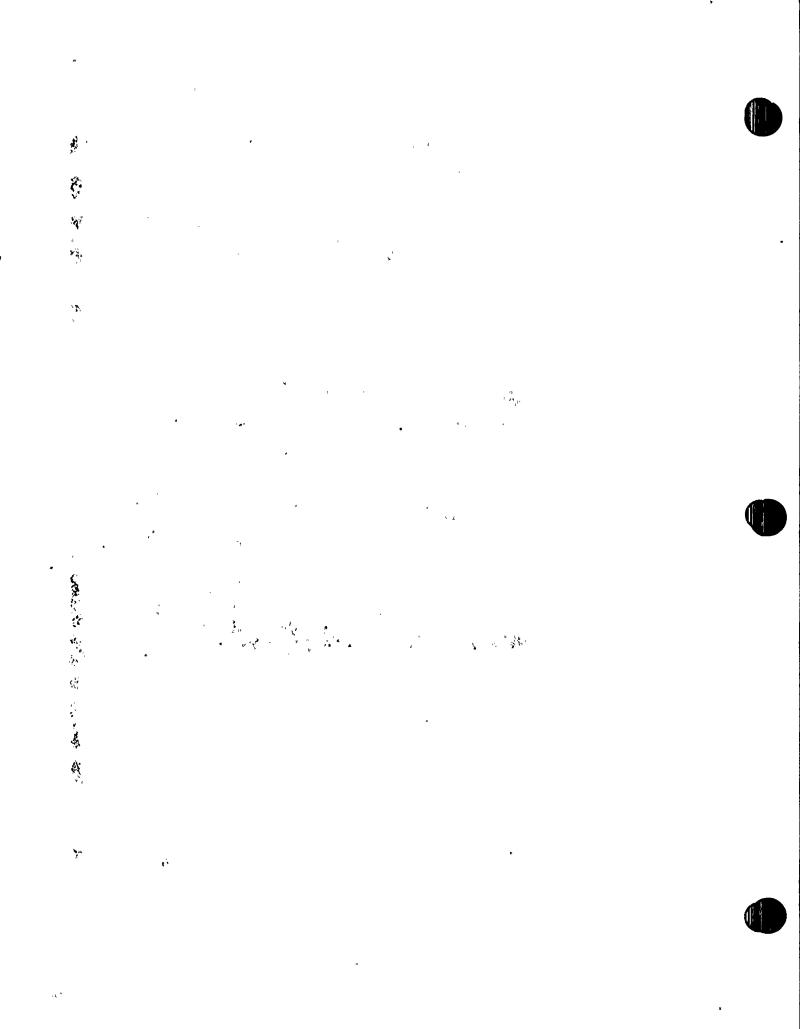
Page 2 of 2

_	Applicable Manufacturer's Data Reports to be attached
1	
	* PURCHASED TO DESIGN CRITERIA & INSTALLED TO T/S & MFG.
	INSTRUCTIONS.
	Ref. JO #B51200 File:PS-MS-2-FWS-7 ISI Class 2
	Ref. 00 #B31200 fffe.f3-M3-7 f81 Class 2
ſ	
	CERTIFICATE OF COMPLIANCE
ł	·
-	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 Anthorization No. N/A Expiration Date N/A
	Signed T. P. Beilman, Maint. Superintendent Date 2-5 , 19 9/
-	Owner of Owner's Designee, Title
	•
	CERTIPICATE 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.
. ,	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.
	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 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
	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 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.
	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 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
. ,	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 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
	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 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
	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 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
	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 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. MICH SES, END NII

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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

==								
1.								
	P.O. Box	Name <u>x 60 Fort Way</u>	ne, IN	46801	Sheet'	1	of2	
		Address			•			
2.	Plant D.(C. COOK NUCLE Name	AR POWER	R PLANT	Unit _			
•	One Cool	C Place, Brid Address	qman, MI	49106			:PS-HS-2-M O. No., Job	
3.	Work Perf	ormed by <u>REESE</u>		ROHDY			ol Stamp N	/A
	Same a	s #2	Name		Author Expira		No. <u>N/A</u> e <u>N/A</u>	
		s #2 Address					-111-11	
4.	Identific	ation of System		MAIN	STEAM			 _
5.		able Const. Code						
		able Edition of er 1983 Adder		KI Utilized	for Repairs	or Repl	acements 19 <u>8</u>	33,
6.	Identific	ation of Compone	ents Repa	ired or Repl	laced and Re	placemen	t Components	;
	Name of Component	. Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
	SNUBBER 2-MSS-4	GRINNELL	s/N 11581	N/A	CYL.S/N 73212356	1973	REPLACED	NO
	SNUBBER 2-MSS-4	GRINNELL	18192	N/A	CYL.S/N 761321914	1976	REPLCEMNT	NO
	ROD EYE	GRINNELL	18192	N/A	ASP-1209	1977	REPLACED	NO
L			<u> </u>		<u> </u>	<u> </u>		
7.	Description	on of Work	(See R	emarks)				· · · · · · · · · · · · · · · · · · ·
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure								
	N/A Other Pressurepsi Test 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.								



Page 2 of 2

9.	Remarks _	Unit 2. REPLACED SNUBBER 2-MSS-4 AND 1 (ONE) ROD EYE						
		Applicable Manufacturer's Data Reports to be attached						
	•	* MATERIAL PROCURED TO DESIGN CRITERIA & INSTALLED TO T/S AND						
		MANUFACTURER'S INSTRUCTIONS						
		Ref. JO #B004818 File:PS-HS-2-MSS-4 ISI Class 2						
Į.		CERTIFICATE OF COMPLIANCE	-					
	replacem	tify that the statements made in the report are correct and this ment conforms to the rules of the ASME Code, Section XI.						
	repair or replacement							
	Type Code Symbol Stamp N/A							
1	, , , , , , , , , , , , , , , , , , , ,							
	· Certificate of Authorization No N/A Expiration Date N/A							
ĺ	Signed T .	'P. Beilman, Maint. Superintendent Date 25 worm , 19 3						
_		Owner of Owner's Designee, Title						
		a v						
		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.* ofNORWOOD, MASS						
- }	have inspe	RIGHT MUTUAL INS. CO.* of NORWOOD, MASS. ected the components described in this Owner's Report during the period						
,	1-28-9/ 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, Sect	ion XI.						
1	By signi	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 s	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.						
- }	At Plat	too sauch Commissions Mich 555, END N'I						
	Inspect	or's Signature National Board, State, Province, Endorsements	ſ					
		*FACTORY MUTUAL SYSTEM						
	Date							

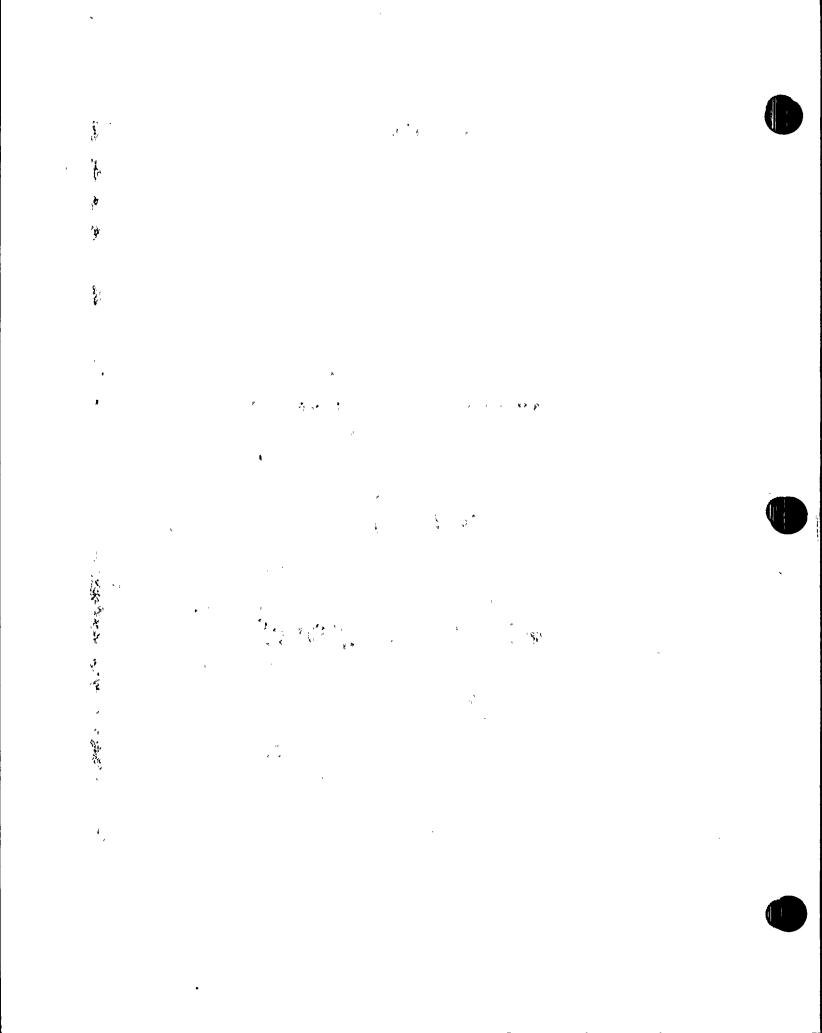
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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

. Owner <u>IN</u>	Owner INDIANA MICHIGAN POWER COMPANY Name					9/15/90		
P.O. Bo	x 60 Fort Way Address	ne, IN	46801	Sheet	1_	_of2_	·	
. Plant D.	C, COOK NUCLE	AR_POWE	R PLANT	Unit		2		
One Coo	k Place, Brid	gman, M	<u> 49106</u>			::PS-HS-2-1 O. No., Job		
. Work Perf	CRUM crmed by WALLA	CE, REES	E,ROHDY	Туре	Code Symb	ool Stamp <u>1</u>	1/A	
<u>Same'a</u>	s #2 Address	Name	•			No. <u>N/A</u>		
. Identific	ation of System			FEEL	WATER S	YSTEM	4	
(b) Applic	. (a) Applicable Const. Code <u>ASME III</u> 1974*Ed., <u>S/1976</u> Add. <u>N/A</u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,							
Summer 1983 Addenda 5. Identification of Components Repaired or Replaced and Replacement Components								
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)	
SNUBBER 2-FWS-2U TAPER PIN	GRINNELL	N/A	N/A	ASP-10364	1986	REPLACED	NO	
		.,,						
•								
. Descripti	on of Work	(See F	Remarks)	*** <u>*</u>	· · · · · ·			
. Test Cond	ucted: Hydrost	atic	Pneuma	tic Nom	inal Ope	rating Press	ure 🗀	
N/A Other Pressurepsi Test Temp°F								
ize is 8-1/2	mental sheets in in. x 11 in., ((2) inform	nation in	items 1 throu	gh 6 on t	his report i	is include	

of this form.



Page 2 of 2

	Remarks	Unit 2. REPLACED TAPERED LOAD PIN ON SNUBBER 2-FWS-2U				
	Memarks	Applicable Manufacturer's Data Reports to be attached				
	•	••				
		*MATERIAL PROCURED TO DESIGN CRITERIA & INSTALLED PER				
	_1	MANUFACTURER'S INSTRUCTIONS.				
	_	·				
*	<u>. I</u>	Ref. JO #B004820 File:PS-HS-2-FWS-2U ISI Class 2				
		,				
_						
ĺ		•				
ł	ł	CERTIFICATE OF COMPLIANCE				
ı						
1	We certif	y that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.				
ł	replacement	conforms to the rules of the ASME Code, Section XI.				
ł	-					
1	Type Code Sy	mbol Stamp N/A				
1	Corrigiante	of/ Aythorization NoN/A Expiration DateN/A				
1						
1	Signed T. P.	Beilman Maint. Superintendent Date 2-5., 19 9/				
1	Owner of Owner's Designee, Title					
L	<u></u>	· · ·				
	<i>y</i>					
٦	1	CERTIFICATE OF INSERVICE INSPECTION				
1	I. the unders	signed, holding a valid commission issued by the National Board of Boiler				
1	and Pressure	Vessel Inspectors and the State or Province of Michigan and employed				
1	by ARKWRIGH	T MUTUAL INS. CO.* of NORWOOD, MASS. d the components described in this Owner's Report during the period				
Į	have inspecte	d the components described in this Owner's Report during the period				
١	and belief. t	to, and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures				
'n	described in	this Owner's Report in accordance with the requirements of the ASME				
ĺ	Code, Section					
1	By signing	this certificate neither the Inspector nor his employer makes any				
1	described in	ressed or implied, concerning the examinations and corrective measures this Owner's Report. Furthermore, neither the Inspector nor his				
	employer shal	1 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.				
١	an me	ton maush Commissions Mich 555 End NiI				
1		s Signature Commissions Mich 555 End Ni I National Board, State, Province, Endorsements				
1						
1		*FACTORY MUTUAL SYSTEM				
ļ	Date Feb	<u>6</u>				
١.	1					

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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

1.	Owner <u>IN</u>	DIANA MICHIGA	N POWER	COMPANY	_ Date _	9,	/16/90		
	P.O. Box	Name x 60 Fort Way	ne, IN	46801	Sheet	1	of2		
		Address							
2.	Plant D.	C. COOK NUCLE	AR POWER	R PLANT	_ Unit _		2		
	One Cool	k Place, Brid Address	qman, MJ	49106			:ME-VAL-2- O. No., Job		
3.	Work Perf	ormed by R.MA	SON, R. GA	ISER	Type C	ode Symb	ol Stamp <u>N</u>	/A	
			Name		Authorization No. N/A				
	<u>Same a</u>	S #2 Address			_ Expira	tion Dat	e N/A		
				·					
4.	Identific	ation of System		EMERGE	NCY CORE C	COOLING	(RHR)		
5.	(b) Applic	able Const. Code	Section 2	II 1983 KI Utilized	Ed., <u>1984</u> for Repairs	Add. or Repl	acements 19	ode Case	
	Summ	er 1983 Adder	<u>ida</u>			_	•		
6.	Identific	ation of Compon	ents Repa	ired or Repl	Laced and Re	placemen	t Component	8. '	
	Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)	
	VALVE 2-RH-139	ų				•		,	
S'	TUDS/NUTS	CARDINAL	N/A	N/A	ASP-11938	1989	REPLACED	NO	
-			<u> </u>						
			 				<u> </u>		
L_			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
7.	Descripti	on of Work	(See R	emarks)	9				
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure									
	N/A Other Pressurepsi Test Temp°F								
(1) ind	NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								

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Page 2 of 2

Ŋ,	. Remarks Unit 2, REPLACED STUDS/NUTS ON VALVE 2-RH-139						
	Applicable Manufacturer's Data Reports to be attached						
	-						
		Ref. JO #B001474 File:ME-VAL-2-RH-139 ISI Class 2					
Γ_							
	•	CERTIFICATE OF COMPLIANCE					
İ	No corr						
	<u>replaceme</u>	tify that the statements made in the report are correct and this ent conforms to the rules of the ASME Code, Section XI.					
	repair or	replacement					
1	Type Code	Symbol Stamp N/A					
	Certificat	te of Authorization No. N/A Expiration Date N/A					
1	Signed T. P. Beilman, Maint. Super Intendent Date Date 1991						
: 1	01900 17	Owner of Owner's Designer, Title					
İ							
							
-['	•	CERTIFICATE OF INSERVICE INSPECTION					
		ersigned, 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 inspec	cted the components described in this Owner's Report during the period					
	and belief	// to					
İ	described : Code, Sect	in this Owner's Report in accordance with the requirements of the ASME					
l	By signi	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					
ļ	employer si	hall be liable in any manner for any personal injury or property damage or					
i	_	any kind arising from or connected with this inspection.					
	Kast	w. white commissions Mich. # 0686					
j	Inspect	or's Signature National Board, State, Province, Endorsements					
	Date 7	*FACTORY MUTUAL SYSTEM					
	Date						

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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

1.	Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	Date _		9/16/90	
	P.O. Box	x 60 Fort Way	ne, IN	46801	Sheet	1	of2	
2.	Address 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2							
		Name			_	·····		
	One Cool	k Place, Brid Address	gman, MI	49106		46,FILE Org. P.	:ME-VAL-2- O. No., Job	No., etc
3.	Work Perf	ormed byD.		?			ol Stamp N	
	Same a	s #2 Address	Name				No. <u>N/A</u> e <u>N/A</u>	
4.		Address ation of System	C	ONTATNMEN	T SPRAY			
		able Const. Cod				Add.		ode Case
	(b) Applic	able Edition of er 1983 Adder	Section :					
6.		ation of Compon		Lred or Repl	aced and Re	plácemen	t Component	3
	Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
2-	VALVE -CTS-138W	ALOYCO	N/A	N/A	N/A	N/A	REPAIRED	NO
							*	
-		· · · · · · · · · · · · · · · · · · ·					{ 	
-					<u> </u>	 		
7.	Descripti	on of Work	(See R	emarks)				<u></u>
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure								
	Other Pressurepsi Test 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.								

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Page 2 of 2

	Remarks	Unit 2. REPAIR TO VALVE COVER OF 2-CTS-138W. REMOVED .005"						
Applicable Manufacturer's Data Reports to be attached								
	í	FROM GASKET SURFACE.						
		Ref. JO #B016546 File:ME-VAL-2-CTS-138W 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 Stamp N/A						
	Certificate of Authorization No. N/A Expiration Date N/A							
	Signed T. P. Beilman, Maint. Superintendent Date 12-19, 1990 Owner of Owner's Designee, Title							
	•							
		CERTIFICATE OF INSERVICE INSPECTION						
	and Pressur by ARKWRI have inspec- and belief,	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. The ted the components described in this Owner's Report during the period to 10/23/90, 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 signing warranty, edescribed is employer shape.	og 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 Mich 555 End Nit Tor's Signature National Board, State, Province, Endorsements						
		*FACTORY MUTUAL SYSTEM						
-	Date Jan	3 19 9/						

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M.,

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/20/90							
P.O. Bo	x 60 Fort Way	ne, IN	46801	Sheet	1	of2	
	Address			, ,			
2. Plant D.	C. COOK NUCLE	AR POWER	R PLANT	Unit _		2	
One Cool	k Place, Brid Address	gman, MI	49106			PS-HS-2-GC O. No., Job	
3. Work Perf	ormed by <u>RE</u>	ESE		Туре С	ode Symb	ol Stamp <u>N</u>	/A `
_	w -	Name				No. N/A	
<u>Same a</u>	us #2 Address			Expira	tion Dat	e <u>N/A</u>	. —
	ation of System			•	_WATER		<u>'</u>
(b) Applic	able Const. Code	Section 3					
	eation of Compone		ired or F	Replaced and Re	placemen	t 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)
SNUBBER 2GCCW-S320	GRINNELL	11588	N/A	CYL S/N 74400228-257	1974	REPLACED	NO
SNUBBER 2GCCW-S320	GRINNELL	18107	N/A	CYL S/N 76154313-20	1976	REPLACE- MENT	NO
ROD EYE	GRINNELL	N/A	N/A	ASP-1209	1977	REPLACED	NO
	<u> </u>		<u></u>				
						,	
7. Descripti	on of Work	(See R	emarks)				
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure							
N/A Other Pressurepsi Test 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							

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Page 2 of 2

6	. Remarks Unit 2, REPLACED SNUBBER S/N 11588 WITH S/N 18107 AND ROD EYE
7	Applicable Manufacturer's Data Reports to be attached
	*MATERIAL PROCURED TO DESIGN CRITERIA & INSTALLED TO T/S AND
	MANUFACTURER'S INSTRUCTIONS.
	Ref. JO #B51193 File:PS-HS-2-GCCW-S320 ISI Class 3
_	ž
ł	. 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
l	Type Code Symbol Stamp N/A
	. Certificate of Authorization No. N/A Expiration Date N/A
١	Signed T. P. Beilman, Waint. Superintendent Date 2.5. , 19 9/
	Owner of Owner's Designee, Title
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 <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 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.
	MA Mutan paugh Commissions Mich 555, End NII Inspector's Signature National Board, State, Province, Endorsements
	*FACTORY MUTUAL SYSTEM
	Date <u>Feb 6</u> 19 9/
1	

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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

							•	
1.	Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	Date _		/25/90	
	P.O. Box	x 60 Fort Way	ne, IN	46801	Sheet	1	of2	
		Address		¥		1		
.2.	Plant D.C	C. COOK NUCLE	AR POWER	PLANT	Unit _		2	
	One Ceel	. Dlaga Dwid	eman Wi	. 40106	, D0045			ADA 6400
	one coor	k Place, Brid Address	qman. M.	49100			:STP-004-2	
3.	Wowle Bowf	ormed by L.G.	WAT.T.ACE		_	_	·	·
٠.	HOLK PGLL	ormed by <u>Dig.</u>	Name			ization	ol Stamp <u>·N</u> No. <u>N/A</u>	/A
ı	<u>Same a</u>	s #2					e N/A	
		Address					al.	
4.	Identific	ation of System		REACT	OR COOLANT			
	· · · · · · · · · · · · · · · · · · ·		,			_		
5.		able Const. Cod						
j		able Edition of er 1983 Adder		KI UCLILZ	ed for Repairs	or Kepi	acements 19	33,
, l	 -						м	
•	Identific	ation of Compone	ents Repa	ired or R	eplaced and Re	placemen	t Component	3
-			1		·	T	Ponelund	ASME
1]		1			Repaired Replaced	Code
	•••		Manuf.	Nat.	Other	 	or	Stamped
1 6	Name of	Name of Manufacturer	Serial No.	Board No.	Identi- fication	Year Built	Replace-	(Yes or No)
 			-					3
12-	SNUBBER -GRC-S629	GRINNELL	N/A	N/A	ASP-10364	1986	REPLACED	NO
	COAD PIN		",	,				
 	*		<u> </u>					
-				 		 		
 				 				
	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	
7.	Descripti	on of Work	(See R	emarks)		ť		
_	m		🗀	D =		inal Ones	andan Dunge	
٥.	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure							
	N/A Other Pressurepsi Test Temp°F							
TON	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							
$I_{inc}^{(1)}$	size is 8 luded on e	-1/2 in. x 11 is ach sheet. and	n., (2) i (3) each :	nformatio sheet is	n in items 1 t numbered and t	nrough 6 he numbe	on this reproperty	port is is
rec	included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							

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Page 2 of 2

Remarks _	Unit 2. REPLACED LOAD PIN FOR SNUBBER 2-GRC-S629					
Applicable Manufacturer's Data Reports to be attached						
	Ref. JO #B004526 File:STP-004-2-GRC-S629 ISI Class 1					
	<u> </u>					
						
	CERTIFICATE OF COMPLIANCE					
We cer	stify that the statements made in the report are correct and this					
repair or	ment conforms to the rules of the ASME Code, Section XI.					
mino Code	Sumbal Strama 11/3					
1	Symbol Stamp N/A					
1	Certificate of Authorization No. N/A Expiration Date N/A					
Signed T. P. Beilman Maint. Superintendent Date 25 , 19 9/						
	Owner of Owner's Designee, Title					
						
)						
1	CERTIFICATE OF INSERVICE INSPECTION					
I, the und	dersigned, holding a valid commission issued by the National Board of Boiler					
and Pressu	ure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed					
have inspe	RIGHT MUTUAL INS. CO.* of NORWOOD, MASS. ected the components described in this Owner's Report during the period					
2/4/9	to, and state that to the best of my knowledge the Owner has performed examinations and taken corrective measures					
described	i, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME					
Code, Sect	cion 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 a	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.					
200 00						
Inspect	cor's Signature National Board, State, Province, Endorsements					
	*FACTORY MUTUAL SYSTEM					
Date Fc	b 6 19 91					
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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

1. Owner INDIANA	OMPANY	Date 10-3-90					
P.O. Box 60	, Fort Wayn	e, Indiana	46801	Sheet of	2		
2, Plant Donald C. Cook Nuclear Plant Unit II							· · · · · ·
One Cook Pla	Address	n, Michiga	n 49106	J.O. # B380 Repair Organ	85 MM	-137 .O. No., JOD No.,	etc.
3. Work Performed by_	CIMCO	Name		Type Code Symbol S			
P.O. Box 218	Stevensvil	.,	an 49127	Authorization No Expiration Date			
4. Identification of Syst	REACTOR	COOOLANT EP*Specifi	cations/M	DS Standards/	ANSI	B31,1-83	
5. (a) Applicable Const	ruction Code	19	Edition	Δι	denda	,	Code Case
(b) Applicable Edition	on of Sectio®XI Uti	lized for Repairs	or Replacement	19 <u>83 W</u> /S 19	983 AD	D	
6. Identification of Con	•					i	
o, iodinimeation of con		// replaced and re				·	
•			National			Repaired,	ASME Code Stamped
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes
2" Ø Bolts	N/A	N/A	N/A	ASP #12727 A354-89GRBD	N/A	REPLACE-	NO
HEAVY HEX 2" Ø Nuts	N/A	N/A	N/A	ASP #12727 A194-88AGR21	I N/A	REPLACE- MENT	NO
2" Flat. Washer	n/A	N/A	n/a	ASP #12727 FH36-89	N/A	REPLACE- MENT	NO
				1			
			L	1	L	<u> </u>	
7. Description of Work						on steam	generat
8. Tests Conducted:	Hydrostatic Prossure	neumatic 🔲 No	ominal Operatin Test Temp	g PressureF	Q		
NOTE: Supplement tion in items 1 thro recorded at the top	rugh 6 on this repor	f lists, sketches, o t is included on o	or drawings may each sheet, and	be used, provided (1) (3) each sheet is num	size is 8? nbered an	in, x 11 in., (2) i d the number of	nforma• , sheets is

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E, 47th St., New York, N.Y. 10017

(12/82)

Port Service ó 1 49 等 議員 養養者以以本 * 65. 2 **4**

FORM NIS-2 (Back)

9. Remarks Performed minor modification to steam generator snubber #29, slotting	
Applicable Manufacturer's Data Reports to be attached	_
the existing holes in the structural mounting plate to correct misalignment	_
* ************************************	
of snubber #29 to steam generator #21	_
Pontogod haltdag handrons dundag medaghallandag	
Replaced bolting hardware during reinstallation.	-
ASME CLASS II	
CERTIFICATÉ OF COMPLIANCE	٦
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the	١
ASME Code, Section XI.	1
	١
•	١
Type Code Symbol StampN/A	1
	Ì
Certificate of Ayxhorization No. N/A Expiration Date N/A	ł
Signed John Journ Project Page Date 10 - 3 19 90	ł
Signed John Journey Project Engs. Date	1
Ormal of Ormal 5 Designer, Title V	۲
	7
CERTIFICATE OF INSERVICE INSPECTION	ļ
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State	ł
or Province of Michigan and employed by Arkwright Mutual Ins. Co. * of Norwood Mass.	١
Norwood Mass	ı
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this	١
Owner's Report in accordance with the requirements of the ASME Code, Section XI,	1
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the	ł
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer	ł
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	ł
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Inspector valignature restional posto, State, Province, and Emborsaments	í
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Oate Oct 3 19 90 * Factory Mutual Group	
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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

1.	Owner IN	DIANA MICHIGA Name	Date _	10/	5/90			
•								
	P.O. Bo	x 60 Fort Way Address	ne, IN	46801	Sheet	1	_of2	
•	Diant D	C COOK MILICIE	יאם חרמבי	אור אות	** * 1.	•	•	
2.	Plant D.	C. COOK NUCLE Name	AR_POWE	R PLANT	Oute _	•		
	One Cool	k Place, Brid	cman M	T 49106	P0152	10 ETTE	·ME-UST - O	.DG 10071
	One coo	Address	gman, m.	1 49100			:ME-VAL-2- O. No., Job	
_		= =			•	•	·	•
3.	Work Perf	formed by F.R	Name Name		Type C	ode Symb	ol Stamp N	<u>/A</u>
	_Same_a	ıs #2	Name				No. <u>N/A</u> e <u>N/A</u>	-
		Address		-	_ DAPIL	icton par	.6 <u>11/A</u>	
4.	Identific	ation of System	RI	EACTOR COO	LANT			
	•	_				· <u>····································</u>		
5.	(a) Applic	able Const. Cod	e <u>ASME I</u>	II 19 <u>80</u>	Ed., 1984	Add.		ode Case
		able Edition of <u>er 1983 Adde</u>		XI Utilized	for Repairs	or Repl	acements 19	83,
	<u> </u>	ier 1703 Addel	<u></u>					
6.	Identific	ation of Compon	ents Repa	ired or Rep	laced and Re	placemen	t Component	g '
/		1.	T			1		1.7
	Name of Component	Name of Manufacturer	Manuf. Serial	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
		·		,	 	 	 	
	ALVE 2-RC 103-L1		}					•
<u> </u>				 				[
<u> </u>	BONNET	CONVAL	N/A	N/A'	ASP-7690	1984	REPLACED	NO
	•							
							}	
<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>	ł	.L	<u> </u>		·L	<u> </u>
7.	Descripti	on of Work	(See R	emarks)		·	•	··
8.	Test Cond	ucted: Hydrost	atic	Pņeumatic	Nom.	inal Ope	rating Press	ure 🖂
	· · · · · · · · · · · · · · · · · · ·							
		Other L	Pres	sure	psi	Test Te	mp	°F
тои	E: Supple	mental sheets i	n form of	lists, sket	ches, or dr	awings m	ay be used,	provided
	size is 8	-1/2 in. x 11 i	(2) 1)	nrormation ;	thered and t	he numbe	r of aboota	Ya IB

recorded at the top of this form.

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Page 2 of 2

	RemarksUnit 2, REPLACED VALVE BONNET ON VALVE 2-RC-103-LI					
		Applicable Manufacturer's Data Reports to be attached				
	1					
		Ref. JO #B015210 File:ME-VAL-2-RC-103-L1 ISI Class 1				
		1122 12 12 12 12 12 12 12 12 12 12 12 12				
_						
		. CERMINATORMS OF COUNTY AND				
ļ		CERTIFICATE OF COMPLIANCE				
İ	We cert	tify that the statements made in the report are correct and this				
1	repair or	ent conforms to the rules of the ASME Code, Section XI. replacement .				
	Type Code	Symbol StampN/A				
		te of Authorization Ng. N/A Expiration Date N/A				
Ī	Signed <u>T.</u>	P. Beilman, Maint. Superintendent Date ZO MANNA , 1971 Owner of Owner's Resignee, Title				
L						
	_					
		CERTIFICATE OF INSERVICE INSPECTION				
	and Pressu	ersigned, holding a valid commission issued by the National Board of Boiler re Vessel Inspectors and the State or Province of <u>Michigan</u> and employed IGHT MUTUAL INS. CO.* of NORWOOD, MASS. cted the components described in this Owner's Report during the period				
- }	have insper	cted the components described in this Owner's Report during the period, and state that to the best of my knowledge				
1	and belief	, the Owner has performed examinations and taken corrective measures				
	Code, Sect.					
		ng this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures				
1	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.						
		teropough commissions Mich 555, End NII				
	سحب حساب	or's Signature National Board, State, Province, Endorsements				
		*FACTORY MUTUAL SYSTEM				
	Date					
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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

1. Owner							
P.O.	Name P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2						
	Address				*		
2. Plant	D.C. COOK NUCLI	EAR POWE	R PLANT	Unit _		2	
One C	cook Place, Brid	igman, M	T 49106			:ME-VAL-2	
	MABRY,	REEHLING,				O. No., Job	
		Name	*			1 Stamp <u>N/</u> . <u>N/A</u>	
_Same_a	Address	·		Expirati			
				CMD DV		-	
	fication of System			•			-,
5. (a) App (b) App	licable Const. Coo licable Edition of	le <u>ANSI B</u> E Section	<u>31.1</u> 19 <u>83</u> XI Utilized	Ed., for Repairs	Add.	acements 19	ode Case 83.
	ımmer 1983 Adde		и				
6. Identi	fication of Compor	nents Repa	ired or Rep	laced and Re	placemen	t Component	8
Name of		Manuf. Serial	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
Componen	Manufacturer	NO.	NO.				
2-MS-135-	1 VOGT	N/A	N/A	ASP-12187	1989	REPLACED	NO
PIPE 2" SCH/80	RADNOR ALLOYS	N/A	N/A	ASP-12091	1984	REPLACED	NO
		ļ		<u> </u>		ļ	
						-	
						<u> </u>	
7. Descri	ption of Work	(See R	temarks)				
8. Test C	onducted: Hydrost	atic	Pneumatio	Nom:	inal Ope	rating Press	sure 🖂
Other Pressurepsi Test Tempor							
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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۶.	Remarks	Unit 2, REPLACED VALVE 2-MS-135-1 AND APPROX. 2' OF Applicable Manufacturer's Data Reports to be attached					
		2" SCHD. 80 PIPE					
		REF; 12-MM-022-86					
		Ref. JO #B54408 File:ME-VAL-2-MS-135-1 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					
	Certificate of Authorization N/A N/A Expiration Date N/A						
	Signed T. P. Beilman, Maint Superintendent Date Klaussy , 195						
,	Signed I.	Owner of Owner's Designee, Title					
		CERTIFICATE OF INSERVICE INSPECTION .					
	and Proggu	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. cted the components described in this Owner's Report during the period					
	10/11-100	+o ://5/90 and state that to the pest of my knowledge					
. *	and belief described	, the Owner has performed examinations and taken corrective measures in this Owner's Report in accordance with the requirements of the ASME					
	Code, Sect By signi	ion XI. ng this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures					
	decerthed	in this Owner's Deport. Furthermore, neither the inspector nor his					
١	employer a a loss of	thall be liable in any manner for any personal injury or property damage or any kind arising from or connected with this inspection.					
	Inspect	International Commissions Mech 555, EndWII or's Signature National Board, State, Province, Endorsements					
	255000	*FACTORY MUTUAL SYSTEM					
	Date						

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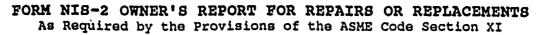
1.							10/17/90	
	P.O. Bo	Name x 60 Fort Way	ne, IN	46801	Sheet	1.	of	2
		Address		,				
2.	Plant D.	C. COOK NUCLE Name	AR POWER	RPLANT	Unit _		2	
	One Cool	k Place, Brid	gman, MJ	49106		FILE:	ME-VAL-2-1	(S-135-4
		Address NANCE,				Org. P.	O. No., Job	No., etc
3.	Work Perf	ormed by ANTHO		ELLEN			ol Stamp <u>N</u>	
	Same a		Name				No. <u>N/A</u> e <u>N/A</u>	
		Address		<u> </u>	- ·			
4.	Identific	ation of System	MAI	N STEAM				
5.	(a) Applic	able Const. Code	e <u>* PAG</u>	E 2 .19 -	Ed.,	Add.	Co	de Case
		er 1983 Adder						
6.	Identific	ation of Compone	ents Repai	ired or Repl	laced and Re	plácemen	t Component	8 .
		•	Manuf.	National	Other Identi-	Year	Repaired Replaced or Replace-	ASME Code Stamped (Yes
	Name of omponent	Name of Manufacturer	Serial No.	Board No.	fication	Built	ment	or No)
	VALVE MS-135-4	VOGT	N/A	N/A	ASP-12187	1989	REPLACED	NO
2" PI	S/80 PE	RADNOR ALLOYS, INC.	N/A	N/A	ASP-12091	1983	REPLACED	NO
						1		
	3							
7. Description of Work (See Remarks)								
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure								
Other Pressurepsi Test Temp°F								
(1) incl	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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C.S. PIPE. *PURCHASED PER SPEC. DCCPV8300CN & DCCPV105QCI REF. 12-MM-22 WELDING PER WPS 1.1 Ref. JO #B54410 File:ME-VAL-2-MS-135-4 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. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Expiration Date N/A Signed T. P. Beilman, Mainki Supprintendent Date N/A Signed T. P. Beilman, Mainki Supprintendent Date N/A Certificate of Windling a valid commission issued by the National Board of Boile and Pressure Vessel Inspectors and the State or Province of Michigan and employe by ARKMRIGHT HUTUAL INS. CO.* NORWOOD, MASS. And state that to the best of my knowledge and belief, the Components described in this Comer's Report during the period Now inspected the components described in this Comer's Report 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 Comer'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. **FACTORY MUTUAL SYSTEM*	Remarks Unit 2, REPLACED VALVE 2-MS-135-4 AND 2' OF 2"S/80 SEAMLES				
REF. 12-MM-22 WELDING PER WPS 1.1 Ref. JO #B54410 File:ME-VAL-2-MS-135-4 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. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Expiration Date N/A Signed T. P. Beilman, Maint! Superintendent Date N/A Signed T. P. Beilman, Maint! Superintendent Date N/A CERTIFICATE OF INSERVICE 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 employe by ARKMRIGHT MUTUAL INS. CO.* Of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period No-10-10-10-10-10-10-10-10-10-10-10-10-10-	Applicable Manufacturer's Data Reports to be attached				
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 Expiration Date N/A Signed T. P. Beilman, Maink! Supprintendent Date N/A Signed T. P. Beilman, Maink! Supprintendent Date N/A Owner of Owner's Designee, Title CERTIFICATE OF INSERVICE 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 employe by ARKWRIGHT MUTUAL INS. CO.* Of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period of Norwood, the Norwood of Norwood Nation of Nation of Norwood Nation of Nat	C.S. PIPE. *PURCHASED PER SPEC. DCCPV8300CN & DCCPV1050				
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 Expiration Date N/A Signed T. P. Beilman, Maink! Supprintendent Date N/A Signed T. P. Beilman, Maink! Supprintendent Date N/A Owner of Owner's Designee, Title CERTIFICATE OF INSERVICE 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 employe by ARKWRIGHT MUTUAL INS. CO.* Of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period of Norwood, the Norwood of Norwood Nation of Nation of Norwood Nation of Nat	DEE 12-MC-22 MUIDING DED MDC 1 1				
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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 T. P. Beilman, Maint' Superintendent Owner of Owner's Designee, Title CERTIFICATE OF INSERVICE 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 NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-16-20 to 1-5-20 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. **Mattendary** Commissions **Mach State**, Province**, Endorsement **FACTORY MUTUAL SYSTEM**	Ref. JO #B54410 File:ME-VAL-2-MS-135-4 ISI Class 2				
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 T. P. Beilman, Maint' Superintendent Owner of Owner's Designee, Title CERTIFICATE OF INSERVICE 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 NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-16-20 to 1-5-20 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. **Mattendary** Commissions **Mach State**, Province**, Endorsement **FACTORY MUTUAL SYSTEM**					
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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 T. P. Beilman, Maint' Superintendent Owner of Owner's Designee, Title CERTIFICATE OF INSERVICE 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 NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-16-20 to 1-5-20 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. **Mattendary** Commissions **Mach State**, Province**, Endorsement **FACTORY MUTUAL SYSTEM**					
replacement repair or replacement Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Expiration Date N/A Signed T. P. Beilman, Mainki Superintendent Date N/A Certificate of Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boild and Pressure Vessel Inspectors and the State or Province of Michigan and employed NAKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period not not not not not not not not not not	CERTIFICATE OF COMPLIANCE				
replacement repair or replacement Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Expiration Date N/A Signed T. P. Beilman, Mainki Superintendent Date N/A Certificate of Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiled 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 now of the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Mass. **PACTORY MUTUAL SYSTEM**	We certify that the statements made in the report are correct and this				
Certificate of Authorization No. N/A Expiration Date N/A Signed T. P. Beilman, Maint, Superintendent Owner of Owner's Designee, Title Certificate of No. N/A Expiration Date N/A Certificate of Authorization No. N/A Expiration Date N/A Signed T. P. Beilman, Maint, Superintendent Owner of Owner's Designee, Title Certificate of Inservice 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 employe by Arkwright MUTUAL INS. CO.* Of NORWOOD, MASS. Arkwright MUTUAL INS. CO.* of NORWOOD, MASS. Arkwright MUTUAL INS. CO.* of NORWOOD, MASS. Arkwright MUTUAL INS. CO.* of NORWOOD, MASS. Arkwright MUTUAL INS. CO.* of NORWOOD, MASS. Arkwright MUTUAL INS. CO.* of NORWOOD, MASS. Arkwright MUTUAL SYSTEM *FACTORY MUTUAL SYSTEM *FACTORY MUTUAL SYSTEM *FACTORY MUTUAL SYSTEM	replacement conforms to the rules of the ASME Code, Section XI.				
Certificate of Authorization No. N/A Expiration Date N/A Signed T. P. Beilman, Maint: Superintendent Owner of Owner's Designee, Title Certificate Of Inservice Inspection I, the undersigned, holding a valid commission issued by the National Board of Boild and Pressure Vessel Inspectors and the State or Province of Michigan and employed ARKWRIGHT MUTUAL INS. CO.* Of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period nor in the National Board of Boild 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 on a loss of any kind arising from or connected with this inspection. **TACTORY MUTUAL SYSTEM**	repair or replacement				
Certificate of Authorization No. N/A Expiration Date N/A Signed T. P. Beilman, Maint: Superintendent Owner of Owner's Designee, Title Certificate Of Inservice Inspection I, the undersigned, holding a valid commission issued by the National Board of Boild and Pressure Vessel Inspectors and the State or Province of Michigan and employed ARKWRIGHT MUTUAL INS. CO.* Of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period nor in the National Board of Boild 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 on a loss of any kind arising from or connected with this inspection. **TACTORY MUTUAL SYSTEM**	Type Code Symbol Stamp N/A				
CERTIFICATE OF INSERVICE 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 ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 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. **Mathematical Commissions** **FACTORY MUTUAL SYSTEM**					
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Inspector's Signature Commissions Migh 555 ENDNIT National Board, State, Province, Endorsement *FACTORY MUTUAL SYSTEM	employer shall be liable in any manner for any personal injury or property damage				
Inspector's Signature National Board, State, Province, Endorsement *FACTORY MUTUAL SYSTEM					
Inspector's Signature National Board, State, Province, Endorsement *FACTORY MUTUAL SYSTEM	a loss of any kind arising from or connected with this inspection.				
*FACTORY MUTUAL SYSTEM					
Date Jan 3 19 9/	MA Muturgary Commissions Migh 555 ENDNIT				
Date	Inspector's Signature Commissions Mich 555 End NIT National Board, State, Province, Endorsement				
	Inspector's Signature Commissions Migh 555 ENDNIT National Board, State, Province, Endorsement *FACTORY MUTUAL SYSTEM				

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D. C. COOK NUCLEAR PLANT, BRIDGMAN, MI UNIT 2 COMMERCIAL SERVICE DATE 2-1-1978 NATIONAL BOARD NUMBER 1



							*=====
1. Owner II	NDIANA MICHIGA Name	N POWER	COMPANY	Date _	1	0/20/90	
P.O. Bo	ox 60 Fort Way Address	ne, IN	46801	Sheet	1	of2	·
2. Plant D	2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2 Name						
One Cod	One Cook Place, Bridgman, MI 49106 Address B53937,FILE:ME-VAL-2-RC-103-I Repair Org. P.O. No., Job No., etc						
3. Work Per	formed by ROGAI	SKI, BAR	INKA, SCALI	Y Type C	ode Symb	ol Stamp <u>N</u>	I/A
Samo	,	Name		Author	ization	No. N/A	
same	as #2 Address	· · · · · · · · · · · · · · · · · · ·		_ Expira	ation Dat	e <u>N/A</u>	
4. Identifi	cation of System	i	REACT	OR COOLAN	r		
5. (a) Appli	cable Const. Cod	e <u>ASME</u> I	II 19 <u>80</u> E	d., 1984	Add	Co	de Case
	mer 1983 Adde		AI OUIIIZEU	TOL Repairs	or vebi	acements 19	03,
6. Identifi	cation of Compon	ents Repa	ired or Rep	laced and Re	placemen	t Component	s
Name of Component	Name of Manufacturer	Manuf. Serial No.	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
VALVE 2RC 103-L3							
BONNET	CONVAL	N/A	N/A	ASP-7690	1984	REPLACED	ИО
L	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
7. Description of Work (See Remarks)							
8. Test Con	ducted: Hydrost	atic	Pneumatio	Nom	inal Ope	rating Press	sure 🖂
Other Pressurepsi Test Temp°F							
(1) size is included on	NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.						



Page 2 of 2

Remarks	Remarks Unit 2. REPLACED VALVE BONNET ON VALVE 2-RC-103-L3					
	Applicable Manufacturer's Data Reports to be attached					
	Ref. JO #B53937 File:ME-VAL-2-RC-103-L3 ISI Class 1					
	·					
·	CERTIFICATE OF COMPLIANCE					
<u>replaceme</u>	ify that the statements made in the report are correct and this nt conforms to the rules of the ASME Code, Section XI. replacement					
Type Code	Symbol Stamp N/A					
Certificat	Certificate of Authorization NoV) N/A Expiration Date N/A					
Signed T. P. Beilman, Maint Superintendent Date A Course , 19 91 Owner of Owner's Designee, Title						
d						
•	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 Tan. At to Tan. 1811, 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						
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Rosky	w. white Commissions Mich. # 0688 r's Signature National Board, State, Province, Endorsements					
·	*FACTORY MUTUAL SYSTEM `					
Date	Tan. 16, 1991					



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

1.	Owner Il	NDIANA MICHIG	AN POWER	COMPANY	Date _	10-29-9	0	*
	P.O. Bo	ox 60 Fort Wa		46801	Sheet	1	of_2	
2.	Plant D	C. COOK NUCL		R PLANT	Unit	· · · · · · · · · · · · · · · · · · ·	2	
	One Cook Place, Bridgman, MI 49106 Address B008163, ME-VAL-2-SV-45A Repair Org. P.O. No., Job No., et							
3. Work Performed by M. Ketchel Type Code Symbol Stamp N/A Name Authorization No. N/A						N/A		
	Same	as #2 Address					te N/A	
4.	Identifi	cation of System	n <u>React</u>	or Coolant	<u> </u>			
5.	(b) Appli	cable Const. Cocable Edition of	f Section	Sec III 19 XI Utilized	86 Ed., <u>198</u> for Repairs	6 Add	d. NA acements 19	_Code Case
. 6.		mer 1983 Adde		ired or Ren	Naced and Re	nlacement	t Components	•
	Name of	Name of Manufacturer	Manuf. Serial	National Board No.	Other Identi- fication	Year Built	Repaired Replaced or Replace- ment	ASME Code Stamped (Yes or No)
	/alve 2-SV-45A	Crosby	N/A	N/A	SN-RV- 8010B ASP-11572	-	Replace- ment	Ио
	Inlet Studs/Nut	Nova Cardinal	N/A	N/A	ASP-12239 ASP-10636	1988 1988	Replace- ment	No
-		·						
7.	7. Description of Work(See Remarks)							
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure								
	Other Pressurepsi Test Temp°F							
(1 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 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 _							
	Applicable Manufacturer's Data Reports to be attached							
		Studs/Nuts						
		•						
		· · · · · · · · · · · · · · · · · · ·						
	-	Ref. JO #B008163 File: ME-VAL-2-SV-45A ISI Class 1						
		•						
٠,								
	-	CERTIFICATE OF COMPLIANCE						
1	We cer	tify that the statements made in the report are correct and this						
١	_replaceme	ent conforms to the rules of the ASME Code, Section XI.						
l	repair or	replacement						
1	Type Code	Symbol StampN/A						
l	Certifica	Certificate of Authorization NoN/A Expiration DateN/A						
ı	O Com							
1	orgiida <u>st</u>	Signed T. P. Beilman, Maint. Superintendent Date We Overber , 19 90 Owner of Owner's Designee, Title						
7		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 IGHT MUTUAL INS. CO.* of NORWOOD, MASS.						
1	by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period							
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١	described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.							
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-	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.							
ł	•							
1		or's Signature Commissions Mich 555, END NIT National Board, State, Province, Endorsements						
-	Tuspace	•						
	Date /2	*FACTORY MUTUAL SYSTEM						
1								
J								

<u>}</u>, 27 13.1 Sec. 育" , ***** At in * ** yr. **76** 1 F) 1年7日本 Į.

							-	
1.	Owner IN	DIANA MICHIGA	N POWER	COMPANY	_ Date _	1	0/29/90	
		Name						
	P.O. Bo	x 60 Fort Way	ne, IN	46801	Sheet	1	of2	
2.	Plant D.	C. COOK NUCLE Name	AR POWER	RPLANT	Unit _		5	
	One Cool	k Place, Brid	cman Mi	10106	B00814	ee mith	·WE WAT O	C17 13 4
	. <u>One Coo</u>	Address	gman, M.	49106		Org. P.	:ME-VAL-2-	No., etc
3.	Work Perf	ormed byJ.V	ERN		Type C	ode Symb	ol Stamp <u>N</u>	/A
	-	-	Name		Author	ization	No. N/A	7
	<u>Same a</u>	<u>s #2</u>					e N/A	
		Address					ø	
4.	Identific	ation of System		MAIN STEA	M			**
5.	(a) Applic	able Const. Code	a ASME I	II 19 <u>86</u>	Ed., 1988	Add.		ode Case
	(b) Applic	able Edition of er 1983 Adder	Section :	XI Utilized	for Repairs	or Repl	acements 19	83,
	Summ	et 1963 Addel	<u>lua</u>					
6.	Identific	ation of Compone	ents Repa	ired or Repl	laced and Re	placemen	t Component	8
7					1		Repaired	ASME
1			ļ	1	İ		Replaced	Code
1			Manuf.	National	Other Identi-	Year	or Replace-	Stamped
.	Name of	Name of	Serial	Board	fication	Built	ment	(Yes or No)
1_	Component	Manufacturer	ЙO.	No.				
2	VALVE 2-SV-1A-4							
OI	TLET FLG	-					Ţ	
	CUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-12009	1989	REPLACED	NO
-				 	 		 	
-					 		 	
<u></u>			<u>L</u>	<u> </u>	<u>l</u>	<u> </u>	<u> </u>	
7.	Descripti	on of Work	(See R	emarks)				
-								
8.	Test Cond	ucted: Hydrosta	atic L	Pneumatic	Nom:	Lnal Ope	cating Press	ure L
	•	۲						
	n/a 🔀	Other	Pres	ssure	psi_	Test Te	mp	°F
TON	E: Supple	mental sheets in	n form of	lists, sket	ches, or dr	awings m	ay be used,	provided
(1)	size is 8	$-1/2$ in. \times 11 in ach sheet, and	n., (2) ir	nformation i	in items 1 t	hrough 6	on this rep	port is
rec	orded at t	he top of this	form.	alidae To Ilmi	maren ann c	11411MA	" or allegen	*

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Page 2 of 2

INDIANA MICHIGAN POWER COMPANY D. C. COOK NUCLEAR PLANT, BRIDGMAN, MI UNIT 2 COMMERCIAL SERVICE DATE 2-1-1978 NATIONAL BOARD NUMBER 1

FORM NIS-2 (Back)

	Unit 2, REPLACED OUTLET FLANGE STUDS/NUTS ON Applicable Manufacturer's Data Reports to be attached						
	pp.rcanto Manutaccaror o paca Neporco co na accaenad						
	VALVE 2-SV-1A-4						
e .							
	Ref. JO #B008166 File:ME-VAL-2-SV-1A-4 ISI Class 2						
	GERMANIAN AN AAADT TENAR						
	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.						
repart or	Tebigoemenc						
Type Code	e Symbol Stamp N/A						
Cortifica	te of Authorization Mp. N/A Expiration Date N/A						
	AVIA.						
Signed T .	P. Beilman, Maint. Superintendent Date Zolowan, 19 1						
	Owner of Owner's Designee, Title						
-							
							
	CERTIFICATE OF INSERVICE INSPECTION						
I, the und	·						
and Pressu	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						
and Pressu	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						
and Pressu by ARKWR have inspe	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 NORWOOD, MASS.						
and Pressu by <u>ARKWR</u> have inspe	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. Cted the components described in this Owner's Report during the period to, and state that to the best of my knowledged, the Owner has performed examinations and taken corrective measures						
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and Pressu by ARKWR have inspe //22/9 and belief described Code, Sect	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. Cted the components described in this Owner's Report during the period to, 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.						
and Pressu by ARKWR have inspe //22/9 and belief described Code, Sect By signi	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. cted the components described in this Owner's Report during the period to, 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						
and Pressu by ARKWR have inspe //22/9/ and belief described Code, Sect By signi warranty,	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. cted 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. Ing this certificate neither the Inspector nor his employer makes any expressed or implied, concerning the examinations and corrective measures						
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and Pressu by ARKWR have inspe //22/9 and belief described Code, Sect By signi warranty, described employer s	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. cted 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 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						
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and Pressu by ARKWR have inspe //22/9 and belief described Code, Sect By signi warranty, described employer s a loss 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. Cted the components described in this Owner's Report during the period to 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 hall be liable in any manner for any personal injury or property damage of any kind arising from or connected with this inspection. **Latent Parket						
and Pressu by ARKWR have inspe //22/9 and belief described Code, Sect By signi warranty, described employer s a loss 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. In the Components described in this Owner's Report during the period to, 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. 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. Interspace Commissions M.ch 555 END NII Or's Signature National Board, State, Province, Endorsement						
and Pressu by ARKWR have inspe //22/9 and belief described Code, Sect By signi warranty, described employer s a loss 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. Ceted the components described in this Owner's Report during the period , 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. **Intersection** **Commissions** **Mational Board, State, Province, Endorsement **FACTORY MUTUAL SYSTEM**						

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		•						
1.	Owner <u>IN</u>	DIANA MICHIGA Name	N POWER	COMPANY	Date _	1:	1/3/90	
		, terring						
	P.O. Bo	x 60 Fort Way	ne, IN	46801	Sheet	1	of <u>2</u>	
		Address						
2.	Plant D.	C. COOK NUCLE	AR POWER	PLANT	Unit _		2	
		Name						
	One Cool	k Place, Brid	oman. Ml	49106	B01359	98.FTT.E	:ME-VAL-2-	RC=103T.2
		Address					O. No., Job	
2	Work Borf	owned his WATICH	EODMYX	PODEM	Ma 6 6		-1 Ghana 17	/3
J.	HOLK PELL	ormed by <u>WAUGH</u>	Name	BUREN			ol Stamp <u>N</u> No. <u>N/A</u>	
	Same a	s #2					e <u>N/A</u>	
		Address			*			
4.	Identific	ation of System	•		ארשטייט פון	יינע ג. ז רו		
**	140,101110	acton of byscam			REACTOR CO	JODANI		
5.	(a) Applic	able Const. Code	e <u>ASME I</u>	<u> II198</u>	30 Ed., 1984	Add.	C	ode Case
		able Edition of		XI Utiliz	ed for Repairs	or Repl	acements 198	33,
	Summ	er 1983 Adder	<u>naa</u>					-
6.	Identific	ation of Compone	ents Repa	ired or R	eplaced and Re	placemen	t Components	•
,			т	<u></u>	,		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ 	
-						1	Repaired	ASME
			Manuf.	Nat.	Other	Ĭ	Replaced	Code Stamped
	Name of	Name of	Serial	Board	· Identi-	Year	Replace-	(Yes_
	component	Manufacturer	No.	No.	fication	Built	ment	or No)
1	VALVE	[1		1		
2-	RC-103L2	<u> </u>	<u> </u>	<u> </u>	<u>`</u>			
	BONNET	CONVAL	N/A	N/A	ASP-7690 '	1984	REPLACED	ио
				 				
-			 	 		 	 	
<u> </u>			<u> </u>	<u> </u>				
	•			1		ł	5	
			4.00 =	<u> </u>	·		<u></u>	·
7.	Description	on of Work	(See R	<u>emarks)</u>				
				,	 1			
8.	Test Cond	ucted: Hydrost	atic L	Pneuma	tic I Nom	inal Open	rating Press	ure 🔀
		, _				_		
_		Other [psi	more m-	~ ~	٩o
		Other -	PIGS	ssure	ps1	Test 16	mp•	
TON	E: Supple	mental sheets in	n form of	lists, s	ketches, or dr	awings m	ay be used,	provided
(1)	size is 8	$-1/2$ in. \times 11 in ach sheet, and	n., (2) i (3) each (nformatio sheet is	n in items 1 to numbered and t	nrough 6 he numbe	on this rep	ort 18 is
rec	included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							

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Page 2 of 2

FORM NIS-2 (Back)

		Total 112 2 (Such)
9	Remarks	Unit 2, REPLACED VALVE BONNET ON VALVE 2-RC-103-L2
		Applicable Manufacturer's Data Reports to be attached
,	•	
		Ref. JO #B013598 File:ME-VAL-2-RC-103-L2 ISI Class 1
		A, _
r		
ł		CERTIFICATE OF COMPLIANCE
İ	We cert	cify that the statements made in the report are correct and this
		ent conforms to the rules of the ASME Code, Section XI.
. [-	
٠.]	Type Code	Symbol Stamp N/A
l	Certificat	of Ayronorization No. N/A Expiration Date N/A
ł	Signad m	P. Beilman Maint. Superintendent Date 2-6, 199/
	signed <u>r.</u>	Dwner of Owner's Designee, Title
L		
		CERTIFICATE OF INSERVICE INSPECTION
		CERTIFICATE OF INSERVICE INSPECTION
		ersigned, holding a valid commission issued by the National Board of Boiler
}	by _ARKWR	re Vessel Inspectors and the State or Province of <u>Michigan</u> and employed IGHT MUTUAL INS. CO.* of NORWOOD, MASS.
	have inspec	COUNTY OF NORWOOD, MASS. County of NORWOOD, MASS. County of NORWOOD, MASS. County of NORWOOD, MASS.
ı	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
1	Code, Sect:	ion XI. ng 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 hall be liable in any manner for any personal injury or property damage or
1	a loss of a	any kind arising from or connected with this inspection.
İ		
į		Multisfaugh Commissions Mich 555, End NST or's Signature National Board, State, Province, Endorsements
ŀ		
	Date Fc	*FACTORY MUTUAL SYSTEM
- 1		

The following repair/replacements were performed during the 1990 refueling outage but were dated at the time the NIS-2 report was filled out.

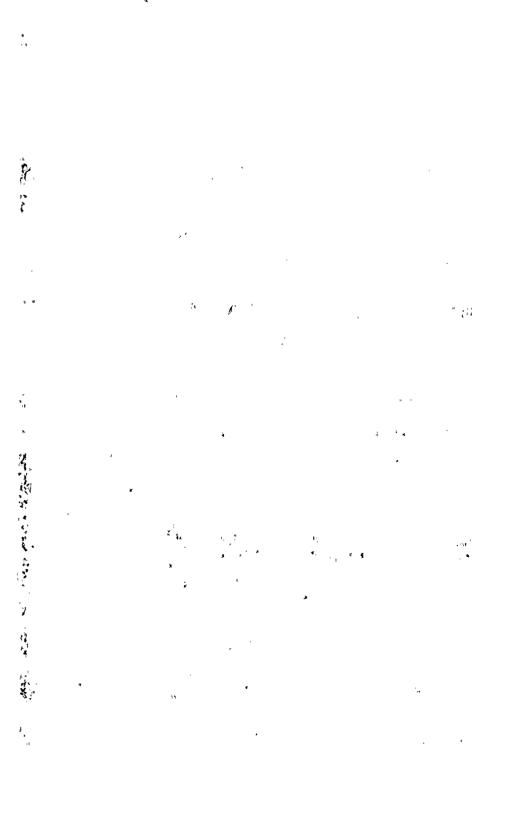
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					5 00		
1. Owner INDIANA	/MICHIGAN EL	ECTRIC COL	<u>IPANY</u>	Date11-2	5-90	•	
P. O. Box 6				Sheet 1 of.			
2. Plant Donald C	. Cook Nucle	ar Plant		Unit2			
P. O. Box 45							ite.
3. Work Performed by_	CIMCO	Name		Type Code Symbol S	tamp	<u>v</u> -v	
P. O. Box 21			9127	Authorization No Expiration Date	12-	31-90 .	
			-	•		•	
4. Identification of Syst *AEI	? Specificat	ions/MDS S	tandards/	ANSI B31.1-83	3/AISC		
5. (a) Applicable Const (b) Applicable Edition	ruction Code	*19.	Edition,	Ac 92 **/\$	idende,		Code Case
(b) Applicable Edition	on of Sectio®XI Util	lized for Hepairs (or Heplacementi	19 <u>0</u> , 0, 0, 0, 0	OJMaa	•	
6. Identification of Con	nponents Repaired o	or Replaced and R	leplacement Cor	mponents		<u>,</u>	
· , Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Component	Manufacturer	Serial No.	No.	Identification	Built	Of Replacement	0,
Hex Nut and Washer	HILTI	N/A	N/A	ASP-9864	N/A	Replace- ment	мо
Hardened Washer	n/A	N/A	N/A	ASP-8073	N/A	Replace-	МО
							<u> </u>
			*				<u> </u>
7. Description of Work	Paradrad a	nehor holt	on suppo	rt 2-GSI-R539	and :	installed i	new
7. Description of Work	nut and wa	shers	on suppor				
8, Tests Conducted:	Hydrostatic P	neumatic N	ominal Operatir i Test Temp	ng Pressure 🔲	N/.	A	
NOTE: Supplemention in items 1 the recorded at the top	ough 6 on this repo	of lists, sketches, art is included on	or drawings may each sheet, and	y be used, provided (1 1 (3) each sheet is nu) size is 8 mbered a	% in, x 11 in., (2) nd the number o	informa- f sheets is
(12/82)	This Form (E000)30) may be obtai	ined from the O	rder Dept., ASME, 34	5 E. 47th	St., New York, h	I,Y. 1001



FORM NIS-2 (Back)

Applicable Manuf	facturer's Data Reports to	be attached .	
washers	<u> </u>		
			1
			
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_ASME_I			
ISI II		_	,
• • •			
	÷		
	É OF COMPLIANCE	Jacoment '	
We certify that the statements made in the report ASME Code, Section XI.		or replacement	o the rules of the
ASME Code, Section Al.		·	
	•		•
Type Code Symbol Stamp N/A			
Type dode symbol stamp			
Certificate of Authorization No. N/A	Expiration D	N/A	
Signed London Designes Title 2			
Signed Godan The linest one	×Date	11-25	, 19 <u>.98</u>
Owner or Owner's Designee, Title /			
	of inservice inspect		
1, the undersigned, holding a valid commission issued by the			ctors and the State
or Province of Michigan and employed by Norwood. Mass.			01
in this Owner's Report during the period 11/26	/90	have inspected the com	iponents described
to the best of my knowledge and belief, the Owner has pe			
Owner's Report in accordance with the requirements of the	•		es described in this
By signing this certificate neither the Inspector nor his			ind concerning th
examinations and corrective measures described in this O			-
shall be liable in any manner for any personal injury or pro-			
inspection.			
			1
Inspector's Signature	ommissions Mich	555 ENN N	FI.
Inspector's Signature	. National i	Board, State, Province, an	G Endorsements
			· ·
Date Nov. 26 19 96	*Factory		·

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							====
1. Owner INDIAN	A/MICHIGAN E	LECTRIC CO	MPANY	Date 11-25	<u>-90</u>	•	
P. O. Box	60. Fort Way	ne. Indian	a 46801	Sheeto	2		
2. Plant Donald				Unit2			
	58. Brideman			Job Order I		Minor Mod	
3. Work Performed by,	CIMCO		**********	Type Code Symbol !	Stamp	v_	
P. O. Box 2	18, Stevensv	Name ille, MI 4	9127	Authorization No	<u>252</u>	- ♥	
4. Identification of Sv	uem Contain	ment Spray	,				
*A	EP Specifica	tions/MDS	Standards	/ANSI B31.1-8			
5. (a) Applicable Cons (b) Applicable Editi	truction Code ion of Sectio®XI Uti	ized for Repairs	Edition, or Replacement	A 83 W/S	ddenda,_ '83 ad	d.	Code Case
*	•						ŧ
6. Identification of Co	mponents Repaired o	or Replaced and R	leplacement Cor	mponents			
				,			ASME Code
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	-Year Built	Repaired, Replaced, or Replacement	Stamped (Yes or No)
3/4" Plate	N/A	N/A	N/A	ASP-10900 SA-36	N/A	Replace- ment	МО
l" Concrete Anchor	HILTI	N/A	N/A	ASP-7794	N/A	Replace-	NO
3/4" Nut and Washer	HILTI	N/A	N/A	ASP-10274	N/A	Replace-	ИО
Hardened Washer 1"	N/A	N/A	N/A	ASP-8073	N/A	Replace-	ИО
Hardened Washer 3/4"	N/A	N/A	N/A	ASP-12700	N/A	Replace-	NO
7. Description of World	Revise supr	ort 2-GCTS	S-S61 Base	Plate per M	inor M	fod 156	.
8. Tests Conducted:	_	neumatic 🔲 - No	ominal Operatio	g Pressure 🔲	N/A		
NOTE: Supplemention in items 1 the recorded at the top	ough 6 on this repo	f lists, sketches, ort is included on	or drawings may each sheet, and	be used, provided (1) (3) each sheet is nu) size is 8: mbered ar	t in. x'11 in., (2) ad the number of	informa- sheets is
(12/82)	This Form (E000	30) may be obtain	ned from the Oi	der Dept., ASME, 34	5 E, 47th	St., New York, N	.Y. 10017

is to ***

FORM NIS-2 (Back)

9	Remarks	Revised Snubber 2-GCTS-S61 Base Plate per Minor Modification 156
••		Applicable Manufacturer's Data Reports to be attached Reinstallation of snubber by Maintenance Dept under J.O. B005230
	ASME	II
	ISI	II
		CERTIFICATÉ OF COMPLIANCE
		e certify that the statements made in the report are correct and this <u>Replacement</u> conforms to the rules of the repair or replacement.
	Type Code S	Symbol Stamp N/A
	Certificate o	of Authorization No. N/A Expiration Data N/A
	Signed	Gardan True Project Engr. Date 11- 25 1996
		CERTIFICATE OF INSERVICE INSPECTION
ŀ	I, the under	signed, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Michiganand employed by Arkwright Mutual *of
	Norwoo	d. Mass. have inspected the components described ther's Report during the period 10/24/90 to 11/26/90 and state that
l	in this Own	of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
١	Owner's Re	port in accordance with the requirements of the ASME Code, Section XI.
	examinatio	ing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the instance of the inspector of this Owner's Report. Furthermore, neither the Inspector nor his employer ble in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
	<u> 212</u>	Mutatorial Commissions Mich 555 End NIT Inspector's Senature Commissions Mich 555 End NIT National Board, State, Province, and Endorsements
	Date	19 90 , *Factory Mutual Group

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MHI-5075 ATTACHMENT NO. 2

1. Owner INDIANA	A/MICHIGAN EI	LECTRIC CO	MPANY	Date 11-25-90			<u> </u>
	0. Fort Wavi			Sheetof	2		
2. Plant Donald (Unit2			
				JOB ORDER B	00015	7	
P. O. Box 45		<u> </u>		Repair Organ	ization P.	O. No., Job No.,	itc.
3. Work Performed by_		Name		Type Code Symbol S Authorization No	252	-V	
P. O. Box 2	18, Stevensy	ille, MI 4	9127	Expiration Date	12-	31-90	
4. Identification of Sys	tem EMERGENO	CATTONS (MD	OLING S STANDAR	DS/ANSI B31.	1/83/A	TSC	
5. (a) Applicable Cons	truction Code		Edition,	A	ddenda,		Code Case
(b) Applicable Editi	on of Sectio®XI Uti	lized for Repairs	or Replacement:	19 <u>83</u> W/S	.83 YD	υ.	
6. Identification of Cor	mponents Repaired (or Replaced and P	Replacement Cor	mponents			
			National			Repaired,	ASME Code. Stamped
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes or No)
1-1/4" NUT &	HILTI	N/A	N/A-	ASP-9864.	N/A	REPLACE- MENT	МО
1/2" PLATE	N/A	N/A	N/A	ASP-6626 SA-36	N/A	REPLACE- MENT	МО
		,				,	
<u> </u>	l		<u> </u>	,	0 675	nco1	J
7. Description of Work	Repair 1-1	/4" Concre	ete Anchor	on support	Z-GKH-	-KJUI.	
8. Tests Conducted:	Hydrostatic Possure	neumatic N	ominal Operatin I Test Temp	g Pressure F	I/A		
recorded at the top	ough 6 on this repo	of lists, sketches, rt is included on	or drawings may each sheet, and	be used, provided (1 (3) each sheet is nu) size is 81 mbered ar	is in. x 11 in., (2) and the number of	informs- sheets is
	e distribuit de la companya de la companya de la companya de la companya de la companya de la companya de la c Companya de la companya de la companya de la companya de la companya de la companya de la companya de la compa	30) may be obtai	ned from the Or	der Dept., ASME, 34	, . 5 E, 47th	St., New York, N	.Y. 10017

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FORM NIS-2 (Back)

Remarks Repair 1-1/4" Concrete Anchor on support 2-GRH-R501.
Applicable Manufacturer's Data Reports to be attached
ASME II TST II
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.
N'/ A
Type Code Symbol Stamp N/A
Certificate of Authoritation No. N/A Expiration Date N/A
Signed Landon aver layer Freque Date 11-25, 19 90
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 and of Norwood, Mass.
Norwood, Mass. have inspected the components described in this Owner's Report during the period 9/11/90 to 11/20/90, 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.
Mr. Materopano L
MA Matropang Commissions Mrsh 555 End NAT Insocrar a gignature Commissions Mational Board, State, Province, and Engorsements
Date 11/26 19 90 *Factory Mutual Group

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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

1. Owner INDIANA	MICHIGAN EI	ECTRIC COL	MPANY	Date11-2	6-90		
	0. Fort Wave			Sheet 1 of	2	•	
2. Plant Donald C	C. Cook Nucle	ar Plant		Unit2			
P. O. Box 45	8. Bridgman	Michigan	49106	JOB ORDER Repair Organ		06 0. No., Job No.,	otc.
3. Work Performed by_	CIMCO	Name		Type Code Symbol S	itamp	V	
P. O. Box 21			9127	Authorization No Expiration Date	12-	-v 31-90	
P. O. Box 21	~~~	•		Expiration Usite		<u> </u>	
4. Identification of Sys	mem Reactor	coolant					
5. (a) Applicable Const (b) Applicable Edition 6. Identification of Const	•	•			ddenda, 83 add	N/A i.	Code Case
				1		1	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Manway Stud Nut, Washer,P	n N/A	N/A	N/A	ASP-11674 30-011970	N/A	Replace- ment	NO
,							
7. Description of Work	Remove/rep Eddy Curre	lace Stm.	Gen. #22 1	Hot and Cold	Leg M	anways for	
8. Tests Conducted:	Hydrostatic Protection Processure						
NOTE: Supplemention in items 1 three recorded at the top	ough 6 on this repor	f lists, sketches, o t is included on	or drawings may each sheet, and	be used, provided (1 (3) each sheet is not) size is 81 mbered ar	5 in. x 11 in., (2) nd the number of	informa• sheets is

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E, 47th St., New York, N.Y. 10017

(12/82)

Page 3 of 4 Revision 2 Page 242

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FORM NIS-2 (Back)

9.	Remarks During Removal/Replacement of S/G #22 Primary Manways Stud Assemblies
	Applicable Manufacturer's Data Reports to be attached
	unacceptable for reinstallation were replaced. 2 on the Cold Leg. 1 on the
	Hot Leg.
	ASME Class 1
	ISI Class 1
	CERTIFICATÉ OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. repair or replacement
	·
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A
	Signed Joseph Javen Regard Engl. Date 11-26 1990
_	Owner's Designee, Title V
	CERTIFICATE OF INSERVICE INSPECTION
	t, 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 *
ı	Norwood, Mass, have impacted the components described
	in this Owner's Report during the period
	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.
	INTERPOLATION COMMISSIONS MICH 655 END NET National Board, State, Province, and Endorsements
	One Nevember 26 19 90 *Factory Mutual Group

r e Ý **å** 1 4 17.8 • . A a was a second Large Commence of the Commence **)**,, 4. 640 43

1. Owner INDIANA	A/MICHIGAN E	LECTRIC CO	MPANY	Date 11-29-	90		
P. O. Box 6	0. Fort Way	ne. Indian	a 46801	Sheet o	2	· · · · · · · · · · · · · · · · · · ·	
2. Plant Donald (Unit2			
P. O. Box 45				Job Order Repair Organ	B-0147	742 .O. No., Job No.,	•1C.
3. Work Performed by_	CIMCO	Name		Type Code Symbol	Stamp	<u>v</u>	
P. O. Box 21			9127	Authorization No Expiration Date	12-	-v ·31-90	
4. Identification of Sys	Address	-	·				
	*AEP specifi	Lcations/M	DS Standa:	rds/ANSI B31.	1-83/	AISC	
5. (a) Applicable Const (b) Applicable Edition	truction Code on of Sectio®XI Uti	lized for Repairs	Edition, or Replacement	A s 19 <u>83</u> w/S	ddenda,_ 5'83 a	dd.	_Code Case
6. Identification of Con	•						
6. Toentification of Co.	iiponents nepalieu t	or Mepiaced and P	i	inponents		· · · ,	· ·
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No,	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code, Stamped (Yes or No)
5/8" Hex Nat	N/A	N/A	N/A -	ASP-12757 SA-194-2H	N/A	Replace-	N/A
			,				
			,		<u> </u>		
							
		<u> </u>	<u> </u>	1	<u> </u>		1
7. Description of Work	Replaced a	11 Hex Nut	s on Manw	ay cover of	2-TK-8	66 and 87.	
	Other Pressure	psi	Test Temp	F *`	/A		
NOTE: Supplemention in items 1 three recorded at the top	ough 6 on this repo	of lists, sketches, or is included on	or drawings may each sheet, and	y be used, provided (1 I (3) each sheet is nu) size is 8 mbered a	is in, x 11 in., (2) and the number of	informa- sheets is
(12/82)	This Form (E000	30) may be obtain	ned from the O	der Dept., ASME, 34	5 E, 47th	St., New York, N	.Y. 10017

A XX ķĸ 78.

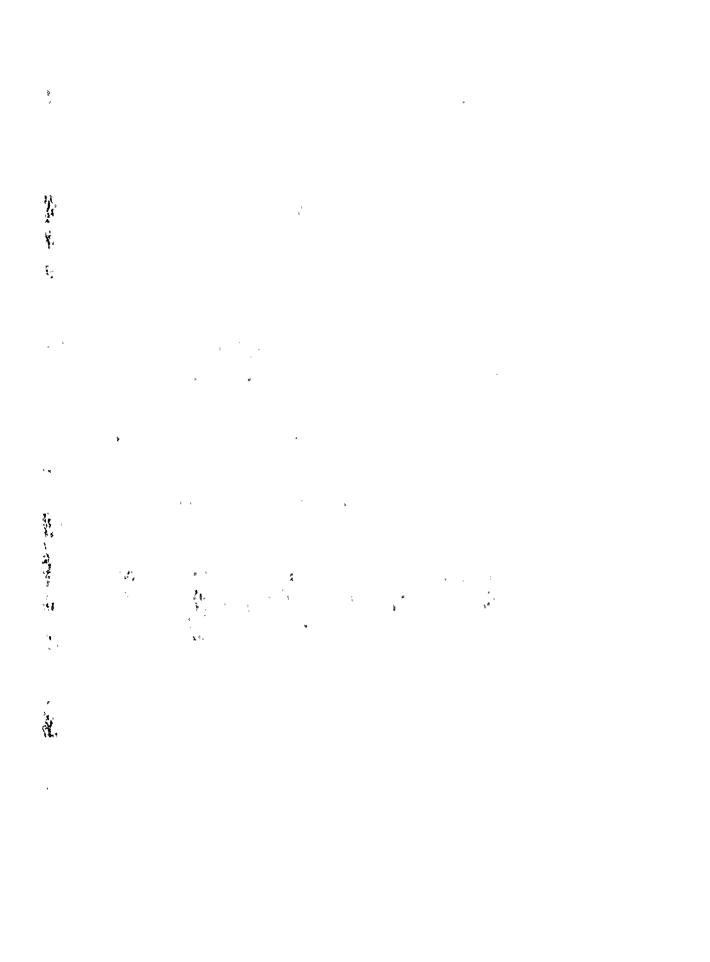
FORM NIS-2 (Back)

Remarks Replaced all Hex Nuts on Manway Cover of 2-TK-86 Applicable Manufacturer's Data Reports to be attached Manways were opened for valve inspection. Nuts w because they were worn and dirty	•
Manways were opened for valve inspection. Nuts w	ere replaced
because they were worn and dirty	
ASME II	
ISI II	•
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>Replacement</u> ASME Code, Section XI. repeir or replacement	
Type Code Symbol StampN/A	
Certificate of Authorization No. N/A Expiration Date N/A)
Signed Hodanaver leget Enge Date 11-	29
CERTIFICATE OF INSERVICE INSPECTION	
1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure or Province of Michigan and employed by Arkwright Mutual	Vessel Inspectors and the State
Norwood, Mass. have inspects	d the components described
in this Owner's Report during the period 12-4-70 to the best of my knowledge and belief, the Owner has performed examinations and taken corre	
Owner's Report in accordance with the requirements of the ASME Code, Section XI.	tive measures described in this
By signing this certificate neither the Inspector nor his employer makes any warranty, expres	sed or implied, concerning the
examinations and corrective measures described in this Owner's Report, Furthermore, neither shall be liable in any manner for any personal injury or property damage or a loss of any kind arisi	•
inspection.	ng from or connected with this
met Muta much and make 555 50	ONST
Inspector's Synature Commissions Metional Board, State;	Province, and Endorsements
Date December 7 19 90 *Factory Mutual (Froup

The following NIS-2 Repair/Replacement forms are from the period of June 24, 1986 to March 17, 1989. These NIS-2 forms were amended or inadvertently left out of the previous NIS-1 Summary Report.

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., Owner <u>Indiana</u>	/Michigan El	ectric Cou	pany	Date 1-18-89		 	•
P. O. Box 6	O, Fort Wayn	e, Indiana	46801	Sheet 1 o	1 <u>2</u>		
Plant Donald	C. Cook Nucl	ear Plant		Unit	2		
P. O. Box 45		Michigan	49106	Job Order (O. No., Job No.,	otc.
Work Performed by	CIMCO	Name		Type Code Symbol	Stamp	V 1252_V	
P.O. Box 218, Stevensville, Mi 49127				Authorization No Expiration Date	12	-31-89	
Identification of Sys	Address	ed air Sys					
(a) Applicable Cons	truction CodeB3	1.1 ' 19	83 Edition,	N/AA	ddenda,	none *	Code Case
(b) Applicable Editi	on of Sectio®XI Uti	lized for Repairs	or Replacement	19 <u>83</u> w/ S	1983	add.	
Identification of Co	magazete Pansicod e	o Pantagad and S	laniaamana Ca				
	inponents Negatired t	or neplaced and r	repiecement Co	mponents		<u>,</u>	1
		,				.5"	ASME Code.
A1			National			Repaired, Replaced,	Stamped (Yes
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	or Replacement	or No)
lea. 5/8" Bolts	N/A	N/A	N/A	SA-193-B7 ASP-10327	N/A	Replace- ment	МО
4ea.				SA-193-B7		Replace-	770
5/8" Bolts	N/A	N/A	N/A	ASP-7611	N/A	ment	NO
	,						
			•				
. Description of Work	Paravol or	d ronload	L walva Po	P-40 for IST	testi	ng Renlac	ed Rol
, Description of Work	Kemoved at	id rehraner	ATAC L	W 40 TOT TOT			
. Tests Conducted: 米	Hydrostatic P	_					
NOTE: Supplemention in items 1 the recorded at the top	ough 6 on this repo	f lists, sketches, or is included on	or drawings may each sheet, and	y be used, provided (1 (3) each sheet is nu) size is 81 mbered ar	S in.'x 11 in., (2) id the number of	informs• sheets is
12/82)	This Form (E000	30) may be obtain	ned from the O	der Dept., ASME, 34	5 E. 47th	St., New York, N	.Y. 10017



J.o. 628888

FORM NIS-2 (Back)

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 Signed Comment Common Designee, Tittle 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 Tws. Common Notwood. Mass. In this Owner's Report during the period Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer 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.	Remarks Installed new bolts during removal/replacement of valve PCR-40.
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 Signed Commer or Owner's Cesionee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessal Inspectors and the State or Province of Michigan and employed by Arkwright Mutual Trus. Commerce of Norwood. Mass. In this Owner's Report during the period Error 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.	Applicable Menufacturer's Data Reports to be estached Type C Leak Test conducted 12-20-85 MKM
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 Signed Come by Expiration Date N/A Certificate of Authorization No. N/A Certificate of Authorization No. N/A Certificate of Authorization No. N/A Certificate of Authorization No. N/A Certificate of Authorization No. N/A Certificate of Authorization No. N/A Certificate of Authorization No. 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 Arkwright Mutual Zws. Certificate of Norwood. Mass. In this Owner's Report during the period Fresh of Norwood 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.	
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 Oate N/A Signed Come by Expiration Oate N/A Certificate of Authorization No. N/A Expiration Oate N/A Certificate of Authorization No. N/A Owner's Designee, Tittle 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 Zws. Co. of Norwood, Mass. have inspected the components described in this Owner's Report during the period 5-y-59 to have inspected the components described 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.	
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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 Oate N/A Signed Come by Falcy Date 1/8, 1989 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 Zws. Co. of Norwood. Mass. have inspected the components described in this Owner's Report during the period 5-y-9 to have inspected the components described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	e e e
Type Code Symbol Stamp N/A Certificate of Authorization No. N/A' Expiration Oste N/A Signed Comer's Ossignee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by Arkwright Mutual Zou, Co. of Norwood, Mass. In this Owner's Report during the period 5-y-59 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.	
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 Inspectors and the State of Norwood. Mass. In this Owner's Report during the period First 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.	
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 Inspectors and the State of Norwood. Mass. In this Owner's Report during the period First 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.	
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 Inst. Co. of Norwood. Mass. have inspected the components described in this Owner's Report during the period 5-Y-9 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.	Type Code Symbol Stamp N/A
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by Arkwright Mutual Inspectors and the State of Province of Michigan and employed by Arkwright Mutual Inspector the components described in this Owner's Report during the period Inspector of the Components of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	Certificate of Authoritation No. N/A Evolution Oute N/A
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 ZNJ. Co. of Norwood, Mass. have inspected the components described in this Owner's Report during the period 5-Y-Ng 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.	Signed Hada James Cimes his, Edgs. Date 1-18 1989
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 Zws. of Norwood. Mass. have inspected the components described in this Owner's Report during the period 5-y-s9 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.	Owner or Owner's Designee, Title
or Province of Michigan and employed by Arkwright Mutual Inspected the components described in this Owner's Report during the period 5-y-9 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.	CERTIFICATE OF INSERVICE INSPECTION
have inspected the components described in this Owner's Report during the period 5-y-59 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.	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 Zws, Co.
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.	Norwood, Mass. have inspected the components described
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.	in this Owner's Report during the period 5-y-d-9 to and state that
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.	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
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.	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
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.	
Inspection,	· · · · · · · · · · · · · · · · · · ·
inspector's Printstury Commissions 18 9050, Mich 555, END NET,	Inspector's Agnatus Commissions 113 9050, MICK 555, END NET, Inspector's Agnatus National Board, State, Province, and Endorsements
Date 5-4 1989 Fractory MUTUAL GROUP	Date 5-4 1989 Fractory MUTUAL GRUUP

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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

1. Owner INDIAN				1		2	
P.O. Box	60 Fort Ways	ne, IN 468	301	Sheet 1	of		
Plant D.C. CO	OK NUCLEAR PO	OWER PLANT		Unit 2		· 	
. One Cook P	lace, Bridgma	an, MI 491	106	J.O. 018104			
. Work Performed by		Name		Type Code Symbo		.on dol ,.on no., N/A	etc,
				Authorization No.		N/A	
Same as	#2 Address		 ·	Expiration Date_	N/	<u> </u>	
. Identification of St	vitem Reactor (•				
(b) Applicable Edi	nstruction Code ASMI tion of Section XI Ut omponents Repaired	ilized for Repairs	or Replacement	19 <u>83 Su</u> mmen	2 1983	Addenda	_Code C
Name of Component 7-11-40	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe (Yes or No
alve 164 711- -NRV-163 1.11	4						
tuds	Hardware Specialty			ASP 10347	1988	Replacemen	r No
	Nova	 		ASP 10343		 	
•	Machine			ASP 10340	1988	Replacemen	E No
luts				ASP 10355	1988	Replacemen	t No
uts	Hardware	ľ		1		L	I
. Description of World.	Specialty (See Rema		•				***************************************

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

The second secon · Y int į .

D. C. COOK NUCLEAR PLANT, BRIDGMAN, MI UNIT 2 COMMERCIAL SERVICE DATE 2-1-1978 NATIONAL BOARD NUMBER 1

FORM NIS-2 (Back)

عبه	1 Valve 2-NRV-164
Ref. J.O.# -01804 File# ME-UF	RV-2-NRV-164_RFC_12-2718
. 018104	Code Cluss 1 MA.
•	
CE	RTIFICATE OF COMPLIANCE
We certify that the statements made in SME Code, Section XI.	the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
ype Code Symbol Stamp N/A	
ertificate of Authorization No. N/A	Superintendent Date N/A
Owner or Owner's Designee, Title CERT	IFICATE OF INSERVICE INSPECTION .
Province of Michigan and em	ued by the National Board of Boiler and Pressure Vessel Inspectors and the State ployed by ARKWRIGHT MUTUAL INS. CO.*
NORWOOD, MASS.	have inspected the components described 3-7-89 to, and state that
this Owner's Report during the period the best of my knowledge and belief, the Owner's Report in accordance with the requirement	ner has performed examinations and taken corrective measures described in this
·	or nor his employer makes any warranty, expressed or implied, concerning the
caminations and corrective measures described	in this Owner's Report, Furthermore, neither the Inspector nor his employer ury or property damage or a loss of any kind arising from or connected with this
KBlake	Commissions_NB6752_Mi. 762
Inspector's Signature	National Board, State, Province, and Endorsements
	*FACTORY MUTUAL GROUP

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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

=								===
1.	Owner INDIANA	A MICHIGAN PO	WER COMPAN	NY	Date 2-	17-89		
	P.O. Box	60 Fort Wayr	ne, IN 468	301	Sheet1c	of	2 ·	
				*				*
2.	Plant D.C. COC	OK NUCLEAR PO	WER PLANT	~	Unit2			
,	One Cook Pl	lace, Bridgma	in, MI 491	L06	J.O. 032602	. File	# ME-VAL-	2-SV-10
		7,00.00			Repair Orga	nization P	ON doL ,.ON .O.	etc.
3.	Work Performed by	Imler, Magga	rd, Allens	spach_	Type Code Symbol		N/A N/A	
	Same_as #	#2	-		Authorization No	N/		
		Address			expiration bate			
4.	Identification of Sys	tem Emergency	Core Cool	Ling (RHR)				 ,
5.	(a) Applicable Cons (b) Applicable Editi	struction Code <u>ASM</u> Ion of Section XI Uti	IE III 19	68 Edition, or Replacements	S-70 A	ddends,_ r 1983	N/A Addenda	_Code Case
6.	Identification of Co	mponents Repaired o	r Replaced and F	Replacement Con	nponents '			
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
_	VALVE 2-SV-104E	CROSBY VALVE	CR 6115	NA	ASP-8829	1982	REPLACEMENT	NO
	•							
L	•	=					<u></u>	
7.	Description of Work	(See Rema	rks)			<u> </u>		
8.		Hydrostatic Processure_		ominal Operating Test Temp,	Pressure X			
	NOTE: Supplemention in items 1 throrecorded at the top	tal sheets in form of ough 6 on this report of this form,	lists, sketches, or is included on a	or drawings may beach sheet, and (be used, provided (1) (3) each sheet is nur	size is 8% mbered and	in, x_11 in., (2) i d the number of	nforme- * sheets is *

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

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FORM NIS-2 (Back) *

Remarks <u>Unit 2. REPLACED VALUABLE</u> Appl	VE 2-SV-104E ilicable Manufacturer's Data Reports to be attached
Ref. J.O. #032602	File: ME-VAL-2-SV-104E ASME Class 2
	CERTIFICATE OF COMPLIANCE
We certify that the statements made in ASME Code, Section XI.	in the report are correct and this replacementconforms to the rules of the
ASME Code, Section At.	•
×1.	•
Type Code Symbol Stamp N/A	
Certificate of Authorization NoN/A	Expiration Date N/A
M D Boilman Waintonan	nce Superintendantness II Accest 1990
Owner or Owner's Designee, Title	Expiration Date N/A nce Superintendantoate II Accept , 19 90
	RTIFICATE OF INSERVICE INSPECTION issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of M1Ch1ganand e	employed by ARKWRIGHT MUTUAL INS. CO.*
NORWOOD, MASS.	have inspected the components described
in this Owner's Report during the period	3-3-87 to, and state that
to the best of my knowledge and belief, the O	Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirer	ector nor his employer makes any warranty, expressed or implied, concerning the
By signing this certificate neutrier the impe	ed 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 Mutnaganot	Commissions Mich 555 ENJN & T National Board, State, Province, and Endorsements
Inspector e Signature	•
	*FACTORY MUTUAL SYSTEM
Date 8/14/ 19 90	

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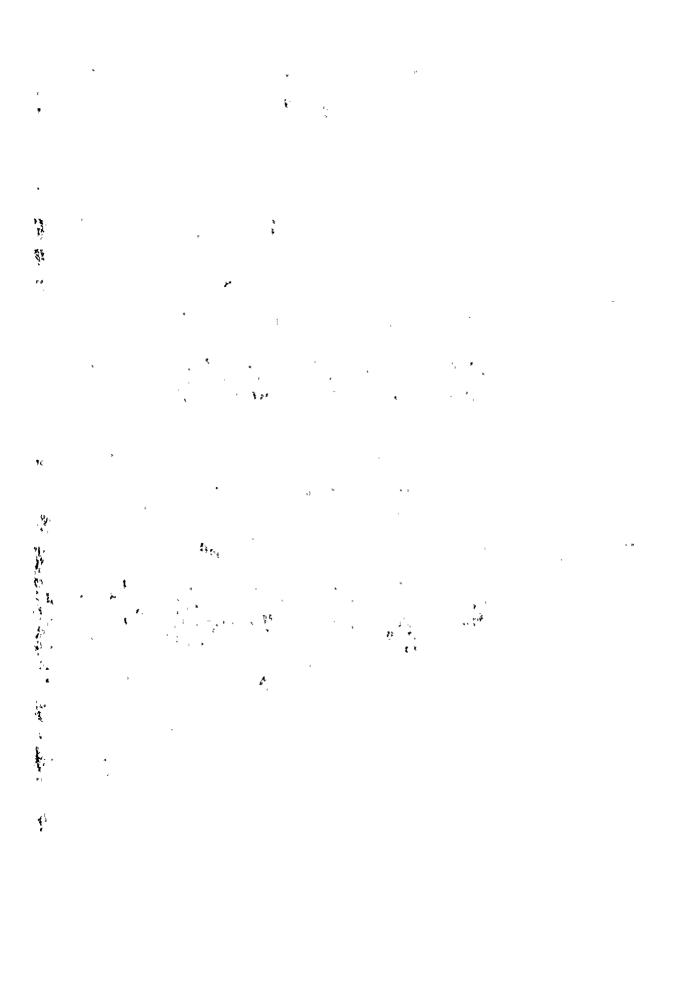
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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

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. Owner INDIAN	A MICHIGAN PO	WER COMPAN	IY	Date2-17-	-89		
P.O. Box	60 Fort Ways	ne, IN 468	301	Sheet 1	of	<u>.2</u>	
	OK NUCLEAR PO			Unit2			
One Cook P	lace, Bridgma	n, MI 491	.06	J. 0. 03264) Repair Org	. file	ME-VAL-2	<u>-SV-10</u>
Work Performed by	Smith. Thurs	ston		Type Code Symbo			
Same as				Authorization No. Expiration Date	N/	N/A A	
	Address stem Emerger		•				
	struction Code * ion of Section XI Uti			*	Addenda,_ er 1983	N/A Addenda	_Code Car
Name of Component	Name of Manufacturer	Manufacturer Serial No,	. National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE 2-SV-104W	CROSBY VALVE	4-1	N/A	ASP-10076	1987	REPLACEMENT	NO
	}		-		-		
Description of Work Tests Conducted:		neumatic No	ominal Operating				h
NOTE: Supplemention in items 1 the recorded at the top	ital sheets in form of ough 6 on this repor of this form.	f lists, sketches, o t is included on o	or drawings may sech sheet, and	be used, provided (1 (3) each sheet is nu) size is 8% mbered an	i in. x 11 in., (2) i d the number of	nforma- sheets is

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

^{*} Fabricated to original design specification and examined in accordance with ASME Section XI 1983 Edition Summer 1983 addenda.



FORM NIS-2 (Back)

Ref. J.O. #032641 File: ME-VAL-2-SV-104W ASME Class 2 CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this replacement for replacement. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Certificate of Authorization No. N/A Certificate of Authorization No. N/A Certificate of Authorization No. N/A Certificate of Authorization No. N/A Certificate of Authorization No. N/A Certificate of Authorization No. N/A Certificate of Maintenance Supart Intentiant Date N/A Certificate of Michigan Maintenance Supart Intentiant Date N/A Certificate of Michigan and employed by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* NORWOOD, MASS. have Inspected the components described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report, Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this Inspection. M.C. Mattagassel. Commissions Mich State, Province, and Endorsements Inspectors States, Province, and Endorsements National Board, State, Province, and Endorsements	9. Remarks Unit 2. REPLACED VALVE 2	-SV-104W			
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this			ta Reports to be attached		
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this replacement for replacement Type Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization No, N/A Signed T. P. Beilman, Maintenance Suparantentiantoate N/A Certificate of Authorization No, N/A Signed T. P. Beilman, Maintenance Suparantentiantoate N/A Certificate of Noner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS, CO.* NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3/3/27 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. M. Matanananananananananananananananananana					
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Signed T. P. Beilman, Maintenance Suparintentiantoate 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 ARKWRIGHT MUTUAL INS. CO.* NORWOOD. MASS. have inspected the components described in this Owner's Report during the period 3/3/2/9 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. M.A. Mantagarah Commissions Mich 555 End M.A. Mational Board, State, Province, and Endorsements	Ref. J.O. #032641	File: ME	-VAL-2-SV-104W	ASME Class	2
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Signed T. P. Beilman, Maintenance Suparintendant 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 ARKWRIGHT MUTUAL INS. CO.* of NORWOOD. MASS. have inspected the components described in this Owner's Report during the period 3/3/29 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and teken 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. Mach Mathamania Commissions Mich 555 End Mit National Board, State, Province, and Endorsements	•	report are correct as		nforms to the rules of the	
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	examinations and corrective measures described in a shall be liable in any manner for any personal injury of	this Owner's Repor	t, Furthermore, neither the I	nspector nor his employ	er
	M. Matinsayal	Commissions	Mich 555 Ene	2 NFE	
▼	Inspector's Signature	Commissions_	National Board, State, Prov	Ince, and Endorsements	_
*FACTORY MUTUAL SYSTEM	<u> </u>		*FACTORY MUT	UAL SYSTEM	
Date8/14 . 19.90	Date8/1419 90			*	

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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

Owner INDIANA	MICHIGAN PO	WER COMPAN	Υ	Date 2-21-8	19		
	60 Fort Ways			Sheet 1	ot_2		
Plant D.C. COO				Unit 2			·
	ace, Bridgma			J.0. #02814			
Work Performed by_	Larry R. Bo			Type Code Symbol Authorization No.	Stamp	N/A	
Same as #	2 Address			Expiration Date	N/	Α	
Identification of Sys		Steam	·				
(b) Applicable Edition	*		ē		er 198	3 Addenda	,
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Machining of 2-MRV-223	Fisher	N/A	N/A	N/A	N/A	Repair	No_
Description of Work							
Tests Conducted:	Hydrostatic Pr Other Pressure_						•
NOTE: Supplement	al sheets in form of uch 6 on this recor	i lists, sketches, o t is included on s	r drawings may ech sheet, and	be used, provided (1) (3) each sheet is nur) size is 8) mbered an	in. x 11 in., (2) i d the number of	nforme- sheets is

Page 255

* In accordance with vendor manual. instructions.

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Sheet 2 of 2

FORM NIS-2 (Back)

9.	Machining of lower gasket seating area on valve 2-MRV-223.
-,	Applicable Manufacturer's Data Reports to be attached Ref.: J.O. #028149 File: ME-VAL-2-MRV-223
	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.
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A Signed J. B. Droste Maintenance Superintendent Date Maintenance Superintendent
	Signed J. B. Droste Maintenance Superintendent Oate May 19 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
•	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
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	inspection.
	Inspector's Significate Commissions National Board, State, Province, and Endorsements
	Date5 - / 9 19 89

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