

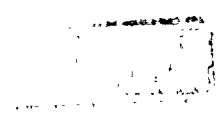
INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, BRIDGMAN MI.
UNIT 1 COMMERCIAL SERVICE DATE 8-23-1975
NATIONAL BOARD NUMBER 20761

Report of Inservice Inspections
From May 30, 1994 to October 25, 1995

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Section 3	NIS-2 Repair and Replacement Reports

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INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, BRIDGMAN MI.
UNIT 1 COMMERCIAL SERVICE DATE 8-23-1975
NATIONAL BOARD NUMBER 20761

INTRODUCTION

This report summarizes the Inservice Inspection activities performed at the Cook Nuclear Plant, Unit 1, for the period of May 30, 1994 through October 25, 1995. These activities were performed in accordance with the requirements of the ASME Boiler and Pressure Vessel Code, Section XI, Rules for Inservice Inspection of Nuclear Power Plant Components. As of July 1, 1986, the second ten-year inspection interval began and the applicable code for ISI activities then became the 1983 edition through the summer 1983 addenda.

The purpose of this report is to satisfy the requirements of IWA-6000 for the submittal of the Inservice Inspection Summary Report at the completion of each refueling outage. Examination and tests conducted since the preceding summary report (May 29, 1994) are included in this report. Repairs and replacements are also included in this report per the requirements of the 1983 Edition of ASME Section XI IWA-6220(b)10. Also, contained within this report are the supplemental information requirements of IWA-6220.

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



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FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTION

As required by the Provisions of the ASME Code Rules

1. Owner Indiana Michigan Power Company, One Summit Square, Ft. Wayne, IN 46802
(Name and Address of Owner)2. Plant Donald C. Cook Nuclear Plant, One Cook Place, Bridgman, MI 49106
(Name and Address of Plant)3. Plant Unit One 4. Owner Certification of Authorization (if required) N/A5. Commercial Service Date 8/23/75 6. National Board Number for Unit 20761 (Mich. M-09672-M)

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Combustion Engineering	CE 66105	M 96762 M	20761
Pressurizer	Westinghouse	1131	M 96763 M	6849
Steam Generator 1-1	Westinghouse	1121	M 96764 M	6831
Steam Generator 1-2	Westinghouse	1122	M 96764 M	6832
Steam Generator 1-3	Westinghouse	1123	M 96765 M	6833
Steam Generator 1-4	Westinghouse	1124	M 96767 M	6834
E. Containment Spray Ht. Ex.	Yuba	69-G-226-1A	-	-
W. Containment Spray Ht. Ex.	Yuba	69-G-226-1B	-	-
Boron Injection Tank	Struthers-Wells Corp.	Spin No. AEP-SIATB1-01	-	-

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8.5 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 5/30/94 to 10/25/95 9. Inspection Interval from 7/1/86 to 7/1/96

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. 1983 Edition 1983 Summer Addenda

Date 1-19 19 96 Signed Indiana Michigan Power Co. By [Signature]
Owner

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

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by Artwright Mfg. Inc. of Waltham, Mass. have inspected the components described in this Owner's Report during the period 5/30/94 to 10/25/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date JANUARY 19 19 96

INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, BRIDGMAN MI.
UNIT 1 COMMERCIAL SERVICE DATE 8-23-1975
NATIONAL BOARD NUMBER 20761

REACTOR VESSEL AUTOMATED ULTRASONIC EXAMINATIONS

Automated ultrasonic examinations were performed on the reactor vessel welds from the inside surface (ID) utilizing the Southwest Research Institute PaR ISI-2 device with Fast PaR and Enhanced Data Acquisition System (EDAS) equipment. The examination areas included nozzle-to-shell welds from the bore and vessel wall, nozzle inner radius sections, nozzle integral extensions, vessel shell welds (100%), and lower head weld examinations. The examination of the RPV was performed in accordance with the requirements of the 83S83 Edition of Section XI, USNRC Regulatory Guide 1.150, Rev. 1, and 10CFR50.55a.

The examinations revealed three 0-degree, one 45-degree, two 60-degree, and two 50/70-degree Code allowable indications. The summary pages in this section lists the examinations performed and results. In the following summary pages, "NOREC" is no recordable indications, "GEOM" is geometric indications, and "OTHER" are indications other than geometric indications.

Indiana Michigan Power; Donald C. Cook Nuclear Plant, Bridgman, MI.
Unit 1 Commercial Date 8-23-1975; National Board Number 20761

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COOK NUCLEAR PLANT UNIT 1

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1995), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

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

CALIBRATION BLOCK

VESSEL CIRCUMFERENTIAL WELDS (FIG NO A-1)

000100	1-RPV-B	B-A	AUTOL	DCC-AUT15/0/0/0	X	-	-	SWRI - ONE CODE ALLOWABLE AUT45
	UPPER SHELL TO MIDDLE SHELL	B1.11	AUTOW		X	-	-	INDICATION FOUND. SEE CNF DCC-10.
			AUT45		-	-	X	AUGMENTED EXAMINATION PER 10CFR50.55A.
			AUT45T		X	-	-	
			AUT60		X	-	-	**RV-1/11-CSCL-5-DCC**
			AUT60T		X	-	-	
			AUT50/70		X	-	-	
			AUT50/70T		X	-	-	
			AUTSLIC20		-	-	X	

000200	1-RPV-C	B-A	AUTOW	DCC-AUT15/0/0/0	-	-	X	SWRI - ONE CODE ALLOWABLE LAMINAR
	MIDDLE SHELL TO LOWER SHELL	B1.11	AUTOL		X	-	-	INDICATION. SEE CNF DCC-03.
			AUT45		X	-	-	
			AUT45T		X	-	-	
			AUT60		X	-	-	**RV-1/11-CSCL-5-DCC**
			AUT60T		X	-	-	
			AUT50/70		X	-	-	
			AUT50/70T		X	-	-	

000300	1-RPV-D	B-A	AUTOL	DCC-AUT15/0/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	LOWER SHELL TO LOWER HEAD	B1.11	AUTOW		X	-	-	CORE SUPPORT LUGS. AUGMENTED EXAMINATION
			AUT45		X	-	-	PER 10CFR50.55A.
			AUT45T		X	-	-	
			AUT60		X	-	-	**RV-3/11-CSCL-5-DCC**
			AUT60T		X	-	-	
			AUT50/70		X	-	-	
			AUT50/70T		X	-	-	

VESSEL LONGITUDINAL WELDS (FIG NO A-1)

000400	1-RPV-VA1	B-A	AUTOW	DCC-AUT15/0/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	UPPER SHELL AT 26.5 DEG.	B1.12	AUTOL		X	-	-	VESSEL NOZZLES AND KEYWAYS. AUGMENTED
			AUT45		X	-	-	EXAMINATION PER 10CFR50.55A.
			AUT45T		X	-	-	
			AUT60		X	-	-	**11-CSCL-5-DCC**
			AUT60T		X	-	-	
			AUT50/70		X	-	-	
			AUT50/70T		X	-	-	

**Indiana Michigan Power; Donald C. Cook Nuclear Plant, Bridgman, MI.
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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 2 (1995), THIRD PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

SUMMARY EXAMINATION AREA		ASME			N O	
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM		R E H
			ITEM NO	METHOD	PROCEDURE	E O E
						C M R
						REMARKS
						CALIBRATION BLOCK
<u>VESSEL LONGITUDINAL WELDS (FIG NO A-1).</u>						
000500	1-RPV-VA2	B-A	AUTOW	DCC-AUT15/0/0/0	X - -	SWRI - LIMITED EXAM DUE TO NOZZLE
	UPPER SHELL AT 146.5 DEG.	B1.12	AUTOL		X - -	PROXIMITY. AUGMENTED EXAMINATION PER
			AUT45		X - -	10CFR50.55A.
			AUT45T		X - -	
			AUT60		X - -	**11-CSCL-5-DCC**
			AUT60T		X - -	
			AUT50/70		X - -	
			AUT50/70T		X - -	
000600	1-RPV-VA3	B-A	AUTOW	DCC-AUT15/0/0/0	X - -	SWRI - LIMITED EXAM DUE TO INLET NOZZLE
	UPPER SHELL AT 266.5 DEG.	B1.12	AUTOL		X - -	RADIUS. CODE ALLOWABLE UT60 AND UT50/70
			AUT45		X - -	INDICATIONS. SEE CNF NO. DCC-09.
			AUT45T		X - -	AUGMENTED EXAMINATION PER 10CFR50.55A.
			AUT60		- - X	**11-CSCL-5-DCC**
			AUT60T		X - -	
			AUT50/70		- - X	
			AUT50/70T		X - -	
			AUTSLIC30		- - X	
			AUTSLIC40		- - X	
000700	1-RPV-VB1	B-A	AUTOW	DCC-AUT15/0/0/0	X - -	SWRI - AUGMENTED EXAMINATION PER
	MIDDLE SHELL AT 0 DEG.	B1.12	AUTOL		X - -	10CFR50.55A.
			AUT45		X - -	
			AUT45T		X - -	
			AUT60		X - -	**RV-1/11-CSCL-5-DCC**
			AUT60T		X - -	
			AUT50/70		X - -	
			AUT50/70T		X - -	
000800	1-RPV-VB2	B-A	AUTOW	DCC-AUT15/0/0/0	X - -	SWRI - CODE ALLOWABLE UT50/70
	MIDDLE SHELL AT 120 DEG.	B1.12	AUTOL		X - -	INDICATION. SEE CNF NO. DCC-06.
			AUT45		X - -	
			AUT45T		X - -	
			AUT60		X - -	**RV-1/11-CSCL-5-DCC**
			AUT60T		X - -	
			AUT50/70		- - X	
			AUT50/70T		X - -	
			AUTSLIC30	SWRI-AUT2/4/0	X - -	
			AUTSLIC40		- - X	



Indiana Michigan Power; Donald C. Cook Nuclear Plant, Bridgman, MI.
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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 2 (1995), THIRD PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

SUMMARY EXAMINATION AREA		ASME			N	O	REMARKS
		SEC. XI			O	G	
		CATGY	EXAM			R	
		ITEM NO	METHOD	PROCEDURE	E	O	
NUMBER	IDENTIFICATION				C	M	**CALIBRATION BLOCK**
-----	-----	-----	-----	-----	-	-	-----
<u>VESSEL LONGITUDINAL WELDS (FIG NO A-1)</u>							
000900	1-RPV-VB3	B-A	AUTOW	DCC-AUT15/0/0/0	X	-	SWRI - ONE CODE ALLOWABLE UT50/70 DEG.
	MIDDLE SHELL AT 240 DEG.	B1.12	AUTOL		X	-	INDICATION. SEE CNF NO. DCC-07.
			AUT45		X	-	AUGMENTED EXAMINATION PER 10CFR50.55A.
			AUT45T		X	-	
			AUT60		X	-	**RV-1/11-CSCL-5-DCC**
			AUT60T		X	-	
			AUT50/70		-	-	X
			AUT50/70T		X	-	
			AUTSLIC30		X	-	
			AUTSLIC40		-	-	X
001000	1-RPV-VC1	B-A	AUTOW	DCC-AUT15/0/0/0	X	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	LOWER SHELL AT 60 DEG.	B1.12	AUTOL		X	-	CORE SUPPORT LUGS. AUGMENTED EXAMINATION
			AUT45		X	-	PER 10CFR50.55A.
			AUT45T		X	-	
			AUT60		X	-	**RV-1/11-CSCL-5-DCC**
			AUT60T		X	-	
			AUT50/70		X	-	
			AUT50/70T		X	-	
001100	1-RPV-VC2	B-A	AUTOW	DCC-AUT15/0/0/0	X	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	LOWER SHELL AT 180 DEG.	B1.12	AUTOL		X	-	CORE SUPPORT LUGS. AUGMENTED EXAMINATION
			AUT45		X	-	PER 10CFR50.55A.
			AUT45T		X	-	
			AUT60		X	-	**RV-1/11-CSCL-5-DCC**
			AUT60T		X	-	
			AUT50/70		X	-	
			AUT50/70T		X	-	
001200	1-RPV-VC3	B-A	AUTOW	DCC-AUT15/0/0/0	-	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	LOWER SHELL AT 300 DEG.	B1.12	AUTOL		-	X	THE CORE SUPPORT LUGS. ONE CODE
			AUT45		X	-	ALLOWABLE LAMINAR INDICATION. SEE CNF
			AUT45T		X	-	NO. DCC-02. AUGMENTED EXAMINATION PER
			AUT60		X	-	10CFR50.55A.
			AUT60T		X	-	**RV-1/11-CSCL-5-DCC**
			AUT50/70		X	-	
			AUT50/70T		X	-	

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 2 (1995), THIRD PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

					N	O	REMARKS	
					O	G		T
					R	E		H
SUMMARY EXAMINATION AREA					E	O		E
NUMBER IDENTIFICATION					C	M		R
					CALIBRATION BLOCK			
					</			

LOWER HEAD MERIDIONAL WELDS (FIG NO A-3)

002200	1-LHM-03	B-A	AUT0W	DCC-AUT15/0/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF INSTRUMENT TUBES.
	MERIDIONAL WELD AT 150 DEG.	B1.22	AUT0L		X	-	-	
			AUT45		X	-	-	
			AUT45T		X	-	-	
			AUT60		X	-	-	**RV-3/11-CSCL-5-DCC**
			AUT60T		X	-	-	
			AUT50/70		X	-	-	
			AUT50/70T		X	-	-	

VESSEL TO FLANGE WELD (FIG NO.A-1)

002600	1-RPV-A	B-A	AUT3.7	DCC-AUT15/0/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO FLANGE KEYWAYS. ONE CODE ALLOWABLE UT60 INDICATION. SEE CNF NO. DCC-08.
	VESSEL TO FLANGE	B1.30	AUT4.1		X	-	-	
			AUT11.35		X	-	-	
			AUT18.0		X	-	-	
			AUT0W		X	-	-	**CSCL-5-DCC/CSCL-34-DCC**
			AUT0L		X	-	-	
			AUT45T		X	-	-	
			AUT60T		-	-	X	
			AUT50/70T		X	-	-	

NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (FIG NO A-1)

002800	1-N1A	B-D	AUT0W	DCC-AUT15/0/0/0	X	-	-	SWRI
	INLET NOZZLE TO SHELL	B3.90	AUT0L		X	-	-	
			AUT45		X	-	-	
			AUT45T		X	-	-	
			AUT6		X	-	-	**4-DCC/5-DCC/7-DCC**
			AUT60T		X	-	-	
			AUT50/70		X	-	-	
002900	1-N1B	B-D	AUT0L	DCC-AUT15/0/0	X	-	-	SWRI - EXAMINED FROM NOZZLE BORE DURING 1ST PERIOD. LIMITED EXAM DUE TO OUTLET NOZZLE INTEGRAL EXTENSION.
	OUTLET NOZZLE TO SHELL	B3.90	AUT0W		X	-	-	
			AUT45T		X	-	-	
			AUT60T		X	-	-	
			AUT50/70T		X	-	-	**4-DCC/5-DCC/7-DCC**

Indiana Michigan Power; Donald C. Cook Nuclear Plant, Bridgman, MI.
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COOK NUCLEAR PLANT UNIT 1
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 2 (1995), THIRD PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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REACTOR PRESSURE VESSEL AND CLOSURE HEAD

SUMMARY EXAMINATION AREA					N	O	REMARKS	
NUMBER	IDENTIFICATION	ASME			O	G		
		SEC. XI			R	E		
		CATGY	EXAM		E	O		
		ITEM NO	METHOD	PROCEDURE	C	M		
-----					-	-	**CALIBRATION BLOCK**	
<u>NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (FIG NO A-1)</u>								
003100	1-N2A	B-D	AUTOL	DCC-AUT15/0/0	X	-	SWRI	
	INLET NOZZLE TO SHELL	B3.90	AUTOW		X	-		
			AUT45		X	-		
			AUT45T		X	-		
			AUT6		X	-	**4-DCC/5-DCC/7-DCC**	
			AUT60T		X	-		
			AUT50/70T		X	-		
003200	1-N2B	B-D	AUTOL	DCC-AUT15/0/0	X	-	SWRI - EXAMINED FROM THE NOZZLE BORE	
	OUTLET NOZZLE TO SHELL	B3.90	AUTOW		X	-	DURING 1ST PERIOD. LIMITED EXAM DUE TO	
			AUT45T		X	-	OUTLET NOZZLE INTEGRAL EXTENSION.	
			AUT60T		X	-		
			AUT50/70T		X	-	**4-DCC/5-DCC/7-DCC**	
003300	1-N3A	B-D	AUTOL	DCC-AUT15/0/0	-	-	X	SWRI - ONE CODE ALLOWABLE AUTO LAMINAR
	INLET NOZZLE TO SHELL	B3.90	AUTOW		X	-	-	INDICATION.
			AUT45		X	-	-	
			AUT45T		X	-	-	
			AUT6		X	-	-	**4-DCC/5-DCC/7-DCC**
			AUT60T		X	-	-	
			AUT50/70T		X	-	-	
003400	1-N3B	B-D	AUTOL	DCC-AUT15/0/0	X	-	-	SWRI - EXAMINED FROM NOZZLE BORE DURING
	OUTLET NOZZLE TO SHELL	B3.90	AUTOW		X	-	-	1ST PERIOD. LIMITED EXAM DUE TO OUTLET
			AUT45T		X	-	-	NOZZLE INTEGRAL EXTENSION.
			AUT60T		X	-	-	
			AUT50/70T		X	-	-	**4-DCC/5-DCC/7-DCC**
003500	1-N4A	B-D	AUTOL	DCC-AUT15/0/0	X	-	-	SWRI
	INLET NOZZLE TO SHELL	B3.90	AUTOW		X	-	-	
			AUT45		X	-	-	
			AUT45T		X	-	-	
			AUT6		X	-	-	**4-DCC/5-DCC/7-DCC**
			AUT60T		X	-	-	
			AUT50/70T		X	-	-	



**Indiana Michigan Power; Donald C. Cook Nuclear Plant, Bridgman, MI.
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COOK NUCLEAR PLANT UNIT 1

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 2 (1995), THIRD PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

SUMMARY EXAMINATION AREA					N O	REMARKS	
NUMBER	IDENTIFICATION	ASME SEC. XI CATGY	EXAM METHOD	PROCEDURE	O G T	E O E	C M R
					CALIBRATION BLOCK		
<u>NOZZLE TO SAFE-END AND SAFE-END TO NOZZLE WELDS (FIG NO A-3)</u>							
005200	1-RPV-1-02	B-F	PT	12QHP5050NDE001	X	-	J.O. C26910/12 - PT. SWRI - AUT.
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40	DCC-AUT14/0/0	X	-	
			AUTSLIC40T		X	-	**CSCL-4-DCC/CCSS-9-DCC**
005400	1-RPV-2-02	B-F	PT	12QHP5050NDE001	X	-	J.O. C26910/12 - PT. SWRI - AUT.
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40	DCC-AUT14/0/0	X	-	
			AUTSLIC40T		X	-	**CSCL-4-DCC/CCSS-9-DCC**
005600	1-RPV-3-02	B-F	PT	12QHP5050NDE001	X	-	J.O. C26910/12 - PT. SWRI - AUT.
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40	DCC-AUT14/0/0	X	-	
			AUTSLIC40T		X	-	**CSCL-4-DCC/CCSS-9-DCC**
005800	1-RPV-4-02	B-F	PT	12QHP5050NDE001	X	-	J.O. C26910/12 - PT. SWRI - AUT.
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40	DCC-AUT14/0/0	X	-	
			AUTSLIC40T		X	-	**CSCL-4-DCC/CCSS-9-DCC**

****37-CCSS-X-3.0-9-DCC****

****37-CCSS-X-3.0-9-DCC****

INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, BRIDGMAN MI.
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REACTOR INTERNALS AND CORE BARREL/FORMER PLATE BOLT EXAMINATIONS

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

A special remote visual examination was performed on the 640 core barrel/former plate bolts which are located behind the thermal shield. The examination was performed due to a bolt found on the lower core plate in the previous refueling outage in 1994 which was tentatively identified and later confirmed to be a former plate bolt. Westinghouse provided a safety evaluation addressing continued operation for the next cycle with an assumed missing barrel-former bolt. For the 1995 outage, special examination tooling was designed and fabricated to perform the examination due to very limited clearance between the core barrel wall and the thermal shield.

The examination identified the location of the missing bolt and identified a loose bolt in a location adjacent to the missing bolt. Mechanical agitation identified a second loose bolt adjacent to the missing bolt and opposite the other loose bolt. The discrepant bolts were located near a thermal shield support block and on the top former plate.

The scope was expanded to perform mechanical agitation of all bolts on the top former plate, bolts on the next lower former plate in the area of the discrepant bolts, and, a random sample of the remaining bolts. No additional loose bolts were found.

Additional visual examinations were performed on other related areas of the lower internals to detect any signs of stress and to aid in root cause analysis. The additional examinations revealed no abnormal signs of stress.

The two loose bolts were removed and a safety evaluation was performed for one cycle of operation. An inspection on the former bolts to assess structural integrity will be performed the next refueling outage along with an evaluation for future actions.

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EXAMINATION OF CLASS 1 AND CLASS 2 COMPONENTS

Inservice examinations were performed during the period of May 30, 1994 through October 25, 1995. All examinations were in accordance with ASME Section XI, 1983 Edition through 1983 Summer Addenda.

Examinations were scheduled and performed according to the Second Ten-Year Long Term Inservice Examination and Testing Plan for Class 1, 2 and 3 Systems and Components for Donald C. Cook Nuclear Plant, Unit 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 Inspections 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 surface examination if one was needed in addition to the volumetric examination. MQS and IMP personnel performed all other surface and visual examinations.

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

IMP personnel performed VT-3/VT-4 visual examinations on ISI component supports. Design sketch nonconformances and other discrepancies found were evaluated by AEPSC Nuclear Engineering. All discrepant pipe supports and associated systems met operability limits. However, some of the pipe supports were or will be repaired or modified to be in accordance with the original design intent.

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

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COOK NUCLEAR PLANT UNIT 1
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OUTAGE 2 (1995), THIRD PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

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

<u>LOWER HEAD PENETRATIONS (FIG NO A-3)</u>							
004900	LOWER HEAD PENETRATIONS	B-E	VT-2	120HP5070ISI050	X	-	-
	58 PENETRATION WELDS	B4.13					
J.O. R30723/02 - PERFORMED DURING SYSTEM							
LEAKAGE TEST PER CC N498-1.							
<u>CLOSURE HEAD PENETRATIONS (FIG NO A-2)</u>							
005000	CLOSURE HEAD CRD PENETRATIONS	B-E	VT-2	120HP5070ISI050	X	-	-
	79 PENETRATION WELDS	B4.12					
J.O. R30723/02 - PERFORMED DURING SYSTEM							
LEAKAGE TEST PER CC N498-1.							
005010	CLOSURE HEAD VENT LINE	B-E	VT-2	120HP5070ISI050	X	-	-
		B4.11					
J.O. R30723/02 - PERFORMED DURING SYSTEM							
LEAKAGE TEST PER CC N498-1.							
<u>NOZZLE TO SAFE-END AND SAFE-END TO NOZZLE WELDS (FIG NO A-3)</u>							
005200	1-RPV-1-02	B-F	PT	12QHP5050NDE001	X	-	-
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40	DCC-AUT14/0/0	X	-	-
			AUTSLIC40T		X	-	-
J.O. C26910/12 - PT. SWRI - AUT.							
CSCL-4-DCC/CCSS-9-DCC							
005400	1-RPV-2-02	B-F	PT	12QHP5050NDE001	X	-	-
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40	DCC-AUT14/0/0	X	-	-
			AUTSLIC40T		X	-	-
J.O. C26910/12 - PT. SWRI - AUT.							
CSCL-4-DCC/CCSS-9-DCC							
005600	1-RPV-3-02	B-F	PT	12QHP5050NDE001	X	-	-
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40	DCC-AUT14/0/0	X	-	-
			AUTSLIC40T		X	-	-
J.O. C26910/12 - PT. SWRI - AUT.							
CSCL-4-DCC/CCSS-9-DCC							
305800	1-RPV-4-02	B-F	PT	12QHP5050NDE001	X	-	-
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40	DCC-AUT14/0/0	X	-	-
			AUTSLIC40T		X	-	-
J.O. C26910/12 - PT. SWRI - AUT.							
CSCL-4-DCC/CCSS-9-DCC							

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE-2 (1995), THIRD PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

					N	O		
					O	G	T	
					R	E	H	
SUMMARY EXAMINATION AREA		CATGY	EXAM		E	O	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	M	R	**CALIBRATION BLOCK**

CALIBRATION BLOCK

RPV INTERIOR SURFACES AND CORE SUPPORT STRUCTURES

007800	1-RPV-INTERIORS	B-N-1 B13.10	VT-3	DCC-VT7/0/0	-	-	X	SWRI - GASKET MATERIAL OBSERVED ON LOWER HEAD REGION. REFUELERS REMOVED MATERIAL.
007900	1-RPV-CS-LUGS 1 THROUGH 6 CORE SUPPORT LUGS	B-N-2 B13.60	VT-3	DCC-VT7/0/0	-	-	X	SWRI - GASKET MATERIAL OBSERVED ON CORE SUPPORT LUG. REFUELERS REMOVED MATERIAL.
008000	1-RPV-CORE SUPPORT STRUCTURE (WHEN REMOVED)	B-N-3 B13.70	VT-3	ISI-358/0	-	-	X	MASTER-LEE/B&W - SPECIAL VT-3 EXAMINATION ON CORE BARREL FORMER BOLTS REVEALED 1 MISSING BOLT HOLE AND TWO LOOSE BOLTS. THE TWO LOOSE BOLTS WERE REMOVED AND AN ENGINEERING ANALYSIS WAS PERFORMED ON THE AS-LEFT CONDITION.

CONTROL ROD DRIVE HOUSINGS WELDS

008100	CONTROL ROD DRIVE HOUSING WELD B-O 79 WELDS	B-O B14.10	PT	12QHP5050NDE001	X	-	-	J.O. C26910/27 - 10% (8) WELDS EXAMINED.
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PRESSURIZER

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

NOZZLE INSIDE RADIUS SECTIONS (FIG NO A-4)

010500	14"-1-RC-5-IRS SURGE NOZZLE	B-D	UT25	DCC-UT11/2/1	X	-	-	SWRI
		B3.120						**IR-CS-33-DCC**

PARTIAL PENETRATION WELDS (FIG NO A-4)

010800	HEATER PENETRATIONS 78 PENETRATION WELDS	B-E	VT-2	120HP5070ISI050	X	-	-	J.O. R30723/02 - PERFORMED DURING SYSTEM LEAKAGE TEST PER CC N498-1.
010850	INSTRUMENT AND SAMPLE NOZZLES 9 PENETRATIONS	B-E	VT-2	120HP5070ISI050	X	-	-	J.O. R30723/02 - PERFORMED DURING SYSTEM LEAKAGE TEST PER CC N498-1.
		B4.13						

NOZZLE TO SAFE-END AND SAFE-END TO NOZZLE WELDS (FIG NO A-4)

011400	1-PRZ-25 NOZZLE TO SAFE-END	B-F	PT	DCC-PT1/1/0	X	-	-	SWRI - LIMITED EXAM DUE TO FOUR WELDED
		B5.40	UT45	DCC-UT31/2/1	-	X	-	LUGS. UT45RL PERFORMED PER NRC IN 90-30.
			UT45T		X	-	-	
			UT45TAN		X	-	-	
			UT45RL		X	-	-	**3378032 (14-SS-160-1.40)**
			UT45RLT		X	-	-	

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STEAM GENERATOR NO. 11

SUMMARY EXAMINATION AREA		ASME			N	O	
		SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
NUMBER	IDENTIFICATION				C	M	R
							REMARKS
							CALIBRATION BLOCK
<u>CIRCUMFERENTIAL WELDS (FIG NO A-5)</u>							
011900	STM-11-01	B-B	UTOL	DCC-UT49/2/2	X	-	SWRI - LIMITED EXAM DUE TO WELDED PADS.
	LOWER HEAD TO TUBE SHEET	B2.40	UTOW		X	-	CODE ALLOWABLE UT60 INDICATION. SEE CNF
			UT45	DCC-UT15/3/1	-	X	DCC-01.
			UT45T		X	-	
			UT60		-	-	**RV-3/DCC-41**
			UT60T		X	-	



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CLASS 1 COMPONENTS

STEAM GENERATOR NO. 12

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

CIRCUMFERENTIAL WELDS (FIG NO A-5)

012800	STM-12-01	B-B	UT0L	DCC-UT49/2/2	X	-	-	SWRI - LIMITED EXAM DUE TO WELDED
	LOWER HEAD TO TUBE SHEET	B2.40	UT0W		X	-	-	PLATES.
			UT45	DCC-UT15/3/1	-	X	-	
			UT45T		X	-	-	
			UT60		-	X	-	**RV-3/DCC-41**
			UT60T		X	-	-	



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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
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CLASS 1 COMPONENTS

STEAM GENERATOR NO. 13

SUMMARY EXAMINATION AREA		ASME				N O			REMARKS
		SEC. XI	CATGY	EXAM		O	G	T	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		E	O	E	
						C	M	R	**CALIBRATION BLOCK**
<u>CIRCUMFERENTIAL WELDS (FIG NO A-5)</u>									
014000	STM-13-01	B-B	UT0L	DCC-UT49/2/2		X	-	-	SWRI - LIMITED EXAM DUE TO WELDED PADS.
	LOWER HEAD TO TUBE SHEET	B2.40	UT0W			X	-	-	
			UT45	DCC-UT15/3/1		-	X	-	
			UT45T			X	-	-	
			UT60			-	X	-	**RV-3/DCC-41**
			UT60T			X	-	-	

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STEAM GENERATOR NO. 14

					N	O	
					O	G	T
					R	E	H
SUMMARY EXAMINATION AREA					E	O	E
					REMARKS		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	M	R
					CALIBRATION BLOCK		

<u>CIRCUMFERENTIAL WELDS (FIG NO A-5)</u>							
014900	STM-14-01	B-B	UT0L	DCC-UT49/2/2	X	-	-
	LOWER HEAD TO TUBE SHEET	B2.40	UT0W		X	-	-
			UT45	DCC-UT15/3/1	-	X	-
			UT45T		X	-	-
			UT60		-	X	-
			UT60T		X	-	-
							RV-3/DCC-41

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CLASS 1 COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
		SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
NUMBER	IDENTIFICATION				C	M	R
							REMARKS
							CALIBRATION BLOCK
<hr/>							
<u>LINE 1-RC-1 (FIG NO 1-A-6)</u>							
020000	1-RC-1-01F	B-J	AUTSLIC40	DCC-AUT15/0/0	X	-	SWRI - AUTOMATED UT ADDITIONAL COVERAGE.
	SAFE-END TO PIPE	B9.11	AUTSLIC40T		X	-	UT/PT PERFORMED DURING THE 1987 OUTAGE.
			M-UT				**37-CCSS-X-3.0-9-DCC**
<u>LINE 1-RC-2 (FIG NO A-7B)</u>							
024800	1-RC-2-27N	B-J	PT	DCC-PT1/1/0	X	-	SWRI - LIMITED EXAM DUE TO WELD
	10-IN. NOZZLE (BRANCH	B9.31	UT0L	DCC-UT49/2/2	X	-	CONFIGURATION.
	CONNECTION)		UT45	DCC-UT56/0/0	X	-	
			UT60		X	-	
			UT38T		X	-	**TO BE DETERMINED**
<u>LINE 1-RC-3 (FIG NO A-8)</u>							
025500	1-RC-3-32N	B-J	PT	DCC-PT1/1/0	X	-	SWRI - LIMITED EXAM DUE TO WELDED
	6-IN. NOZZLE (BRANCH :	B9.31	UT0L	DCC-UT49/2/2	X	-	CONFIGURATION.
	CONNECTION)		UT45	DCC-UT56/0/0	X	-	
			UT60		X	-	
			UT34T		X	-	**TO BE DETERMINED**
025600	1-RC-3-33N	B-J	PT	DCC-PT1/1/0	X	-	SWRI - LIMITED EXAM DUE TO WELD
	14-IN. NOZZLE (BRANCH	B9.31	UT0L	DCC-UT49/2/2	X	-	CONFIGURATION.
	CONNECTION)		UT45	DCC-UT56/0/0	X	-	
			UT60		X	-	
			UT40T		X	-	**TO BE DETERMINED**
028000	1-RC-3-21F	B-J	AUTSLIC40	DCC-AUT15/0/0	X	-	SWRI - AUTOMATED UT ADDITIONAL COVERAGE.
	ELBOW TO SAFE-END	B9.11	AUTSLIC40T		X	-	UT/PT PERFORMED DURING THE 1987 OUTAGE.
			M-UT				**37-CCSS-X-3.0-9-DCC**
<u>LINE 1-RC-6 (FIG NO A-11A)</u>							
033800	1-RC-6-24F	B-J	PT	12QHP5050NDE001	X	-	J.O. C26910/10
	REDUCER TO PIPE	B9.21					

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CLASS 1 COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
		SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
					C	M	R
							REMARKS
NUMBER	IDENTIFICATION						**CALIBRATION BLOCK**
<hr/>							
<u>LINE 1-RC-9 (FIG NO A-14)</u>							
037400	1-RC-9-06S	B-J	PT	DCC-PT1/1/0	X	-	SWRI
	ELBOW TO ELBOW	B9.11	UTOL	DCC-UT31/2/1	X	-	
			UT45		X	-	
			UT45T		X	-	
			UT45TAN		X	-	**3378028 (6-SS-160-.71)**
			UT60		-	X	
<u>LINE 1-RC-10 (FIG NO A-15)</u>							
038400	1-RC-10-07S	B-J	UT45	DCC-UT31/2/1/1	X	-	SWRI - EXAM PERFORMED IN RESPONSE NRCB
	PIPE TO TEE	B9.11	UT45T		X	-	88-08.
			UT45TAN		X	-	
			UT60		X	-	
							3378027 (4-SS-120-.430)
038500	1-RC-10-08P	B-J	UT45	DCC-UT31/2/1/1	X	-	SWRI - EXAM PERFORMED IN RESPONSE TO
	TEE TO PIPE	B9.11	UT45T		X	-	NRCB 88-08.
			UT45TAN		X	-	
			UT60		X	-	
							3378027 (4-SS-120-.430)
038600	1-RC-10-09P	B-J	UT45	DCC-UT31/2/1/1	X	-	SWRI - EXAM PERFORMED IN RESPONSE TO
	TEE TO PIPE	B9.11	UT45T		X	-	NRCB 88-08.
			UT45TAN		X	-	
			UT60		X	-	
							3378027 (4-SS-120-.430)
038700	1-RC-10-10S	B-J	UT45	DCC-UT31/2/1/1	X	-	SWRI - EXAM PERFORMED IN RESPONSE TO
	PIPE TO ELBOW	B9.11	UT45T		X	-	NRCB 88-08.
			UT45TAN		X	-	
			UT60		X	-	
							3378027 (4-SS-120-.430)
<u>LINE 1-RC-15 (FIG NO A-20A)</u>							
054750	1-RC-15-13S-FB	B-G-2	VT-1	12SHP5050NDE006	X	-	J.O. C26910/10
	FLANGE BOLTING	B7.50					

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REACTOR COOLANT SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
		SEC. XI			O	G	T
		CATGY.	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
NUMBER	IDENTIFICATION				C	M	R
							REMARKS
							CALIBRATION BLOCK
<u>LINE 1-RC-507 (FIG NO A-26)</u>							
073450	1-RC-507-21S-FB	B-G-2	VT-1	12SHP5050NDE006	X	-	J.O. C26910/10
	FLANGE BOLTING	B7.50					

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 2 (1995), THIRD PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

SAFETY INJECTION SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM			
		ITEM NO	METHOD	PROCEDURE	E	O	E
					C	M	R
							REMARKS
<u>LINE 1-SI-26 (FIG NO A-35)</u>							
097900	1-SI-26-10S	B-J	PT	DCC-PT1/1/0	X	-	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/2/1/1	-	X	
			UT45T		X	-	
			UT45TAN		X	-	
							3378028 (6-SS-160-.71)
<u>LINE 1-SI-33 (FIG NO A-39)</u>							
108200	1-SI-33-20S	B-J	PT	DCC-PT1/1/0	X	-	SWRI
	ELBOW TO PIPE.	B9.11	UT45	DCC-UT31/2/1/1	-	X	
			UT45T		X	-	
			UT45TAN		X	-	
							3378030 (10-SS-140-1.0)
<u>LINE 1-SI-549 (FIG NO A-44A)</u>							
124900	1-SI-549-51S	B-K-1	PT	12QHP5050NDE001	X	-	J.O. C26910/10
	COLLAR TO PIPE	B10.10					



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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
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CLASS 1 COMPONENTS

VALVE PRESSURE RETAINING BOLTING (2" AND LESS)

SUMMARY EXAMINATION AREA		ASME			N	O	
		SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
NUMBER	IDENTIFICATION				C	M	R
							REMARKS
							CALIBRATION BLOCK
<hr/>							
<u>LINE 1-SI-23 (FIG NO A-33)</u>							
224700	SI-158-L3 FLANGE BOLTING	B-G-2 B7.70	VT-1	12SHP5050NDE006	X	-	J.O. C26910/10
<u>LINE 1-SI-30 (FIG NO A-38)</u>							
225200	SI-166-L2 FLANGE BOLTING	B-G-2 B7.70	VT-1	12SHP5050NDE006	X	-	J.O. C26910/10
<u>LINE 1-SI-31 (FIG NO A-38)</u>							
225300	SI-170-L2 FLANGE BOLTING	B-G-2 B7.70	VT-1	12SHP5050NDE006	X	-	J.O. C26910/10
<u>LINE 1-SI-68 (FIG NO A-37)</u>							
225800	SI-166-L1 FLANGE BOLTING	B-G-2 B7.70	VT-1	12SHP5050NDE006	X	-	J.O. C26910/10



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COOK NUCLEAR PLANT UNIT 1
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
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DARLING SWING CHECK VALVES

SUMMARY EXAMINATION AREA		ASME			N O			REMARKS	
NUMBER	IDENTIFICATION	SEC. XI			O G T				
		CATGY EXAM			R E H				
		ITEM NO METHOD PROCEDURE			E O E				
					C M R			**CALIBRATION BLOCK**	
<u>LINE 1-RH-30 (FIG NO A-39)</u>									
232100	RH-133	B-M-2	VT-3	12SHP5050NDE006	X	-	-	J.O. C25690/05 - DESIGN ENHANCEMENT:	
	VALVE BODY INTERNAL SURFACE	B12.50						TACK WELD DISC NUT LOCKING PIN.	



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CROSBY SAFETY VALVES

SUMMARY EXAMINATION AREA		ASME			N	O	
NUMBER	IDENTIFICATION	SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
					C	M	R
							REMARKS
							CALIBRATION BLOCK
<hr/>							
<u>LINE 1-RC-9 (FIG NO A-14)</u>							
234200	SV-45-A	B-M-2	VT-3	12SHP5050NDE006	X	-	J.O. R32580/16
	VALVE BODY INTERNAL SURFACE	B12.50					



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COPEs VULCAN GLOBE VALVES

SUMMARY EXAMINATION AREA		ASME			N O			REMARKS
NUMBER	IDENTIFICATION	SEC. XI			O G T			
		CATGY EXAM			R E H			
		ITEM NO	METHOD	PROCEDURE	E O E			
					C M R			
-----					-----			**CALIBRATION BLOCK**
<u>LINE 1-RH-28 (FIG NO A-58)</u>								
234600	ICM-129	B-M-2	VT-3	12SHP5050NDE006	-	-	X	J.O. C27177/06 - SCRATCHES
	VALVE BODY INTERNAL SURFACE	B12.50						(NONSTRUCTURAL) FOUND AND REMOVED.



				N	O		
				O	G	T	
				R	E	H	
				E	O	E	REMARKS
SUMMARY EXAMINATION AREA	CATGY	EXAM		C	M	R	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE			**CALIBRATION BLOCK**
-----				-	-	-	-----
<u>CIRCUMFERENTIAL WELDS (FIG NO B-1)</u>							
300000	STM-11-04	C-A	UT0L	DCC-UT49/2/2	X	-	SWRI - LIMITED EXAM DUE TO BRANCH
	TUBE SHEET TO STUB BARREL	C1.30	UT0W		X	-	CONNECTION, PERMANENT INSULATION RING,
			UT45	DCC-UT15/3/1	-	X	AND INSTRUMENT TUBES. UT35 USED FOR
			UT45T		X	-	ADDITIONAL COVERAGE.
			UT60		X	-	**PL-3.0-CS-22-DCC**
			UT60T		X	-	
			UT35		X	-	

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STEAM GENERATOR NO. 14

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

<u>CIRCUMFERENTIAL WELDS (FIG NO B-4)</u>						
300390 STM-14-10 SHELL TO HEAD	C-A	UT0L	DCC-UT49/2/2	X	-	SWRI - LIMITED EXAM DUE TO INSULATION
	C1.20	UT0W		X	-	SUPPORT RINGS. UT35 USED FOR ADDITIONAL
		UT45	DCC-UT15/3/1	X	-	COVERAGE.
		UT45T		X	-	
		UT60		X	-	**PL-3.0-CS-22-DCC**
		UT60T		X	-	
		UT35		X	-	

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CTS HEAT EXCHANGER EAST

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

NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (FIG NO B-7)

300734	E-CTSHX-OUT	C-B	PT	12QHP5050NDE001	X	-	-	J.O. C26905/07 - ADDITIONAL EXAMINATION.
	SHELL TO NOZZLE	C2.11						



J.O. C26905/07 - SURFACE POROSITY
MEASURING 1/4" IN TWO AREAS. REMOVED
UNDER J.O. C32691.

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BORON INJECTION TANK

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

INTEGRALLY WELDED VESSEL SUPPORTS (FIG NO B-9)

300950	1-BIT-VS-4	C-C	MT	12SHP5050NDE002	X	-	-	J.O. C26905/07
		C3.10						

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EMERGENCY CORE COOLING SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM			
		ITEM NO	METHOD	PROCEDURE			REMARKS
					C	M	R
<u>LINE 1-SI-2 (FIG NO B-10)</u>							
301100	1-SI-2-14S ELBOW TO PIPE	C-F CS.11	PT	12QHP5050NDE001	X	-	J.O. C26905/07
<u>LINE 1-SI-4 (FIG NO B-12)</u>							
302220	1-SI-4-08F VALVE TO VALVE	C-F CS.11	PT	12QHP5050NDE001	X	-	J.O. C26905/07
<u>LINE 1-SI-21 (FIG NO B-14)</u>							
302640	1-SI-21-13S ELBOW TO PIPE	C-F CS.21	PT UTOL UT45 UT45T UT45TAN	DCC-PT1/1/0 DCC-UT49/2/2 DCC-UT31/2/1/1	X X - X X	- - X - -	SWRI **3378029 (8-SS-140-.81)**
<u>LINE 1-SI-68 (FIG NO B-21)</u>							
303880	1-SI-68-15F PIPE TO ELBOW	C-F CS.21	PT UTOL UT45 UT45T UT45TAN	DCC-PT1/1/0 DCC-UT49/2/2 DCC-UT31/2/1/1	X X X X X	- - - - -	SWRI **3378028 (6-SS-160-.71)**
<u>LINE 1-SI-70 (FIG NO B-23)</u>							
304205	1-SI-70-02S-PL 1 THROUGH 4 PIPE LUG	C-C C3.20	PT	12QHP5050NDE001	X	-	J.O. C26910/10
<u>LINE 1-RH-3 (FIG NO B-27)</u>							
305430	1-RH-3-04F TEE TO PIPE	C-F CS.11	PT	12QHP5050NDE001	X	-	J.O. C26905/07

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EMERGENCY CORE COOLING SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
		SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E	O	E
					C	M	R
					REMARKS		
					CALIBRATION BLOCK		
<u>LINE 1-RH-5 (FIG NO B-29)</u>							
306290	1-RH-5-34F PIPE TO PENETRATION	C-F C5.11	PT	12QHP5050NDE001	X	-	- J.O. C26905/07
<u>LINE 1-RH-6 (FIG NO B-30)</u>							
306710	1-RH-6-34S PIPE TO ELBOW	C-F C5.11	PT	12QHP5050NDE001	X	-	- J.O. C26905/07
<u>LINE 1-RH-7 (FIG NO B-31)</u>							
306900	1-RH-7-13F PIPE TO VALVE	C-F C5.11	PT	12QHP5050NDE001	X	-	- J.O. C26905/07
306940	1-RH-7-16S-HL 1 THROUGH 4 HANGER LUG	C-C C3.20	PT	12QHP5050NDE001	X	-	- J.O. C26905/07
<u>LINE 1-RH-8 (FIG NO B-32)</u>							
307130	1-RH-8-01F VALVE TO PIPE	C-F C5.11	PT	12QHP5050NDE001	X	-	- J.O. C26905/07

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CHEMICAL AND VOLUME CONTROL SYSTEM

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

LINE 1-CS-33 (FIG NO B-39)

308560	1-CS-33-24S . ELBOW TO PIPE	C-F CS.11	PT	12QHP5050NDE001	X	-	-	J.O. C26905/07
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LINE 1-CS-35 (FIG NO B-40)

308660	1-CS-35-17S REDUCER TO TEE	C-F CS.11	PT	12QHP5050NDE001	X	-	-	J.O. C26905/07
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CLASS 2 COMPONENTS

CONTAINMENT SPRAY PIPING

SUMMARY EXAMINATION AREA		ASME			N	O	
		SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
NUMBER	IDENTIFICATION				C	M	R
							REMARKS
							CALIBRATION BLOCK
<hr/>							
<u>LINE 1-CTS-1 (FIG NO B-41)</u>							
308850	1-CTS-1-04F	C-F	PT	DCC-PT1/1/0	X	-	SWRI - 7.5% AUGMENTED UT REQUIREMENT
	VALVE TO PIPE	C5.11	UT0L	DCC-UT49/2/2	X	-	
			UT45	DCC-UT35/2/1	-	X	
			UT45T		X	-	
			UT60		X	-	**10-SS-40-.365-26-DCC**
308980	1-CTS-1-17S	C-F	PT	DCC-PT1/1/0	X	-	SWRI - 7.5% AUGMENTED UT REQUIREMENT.
	ELBOW TO PIPE	C5.11	UT0L	DCC-UT49/2/2	X	-	
			UT45	DCC-UT35/2/1	X	-	
			UT45RL		X	-	**10-SS-40-.365-26-DCC**
309090	1-CTS-1-27S	C-F	PT	12QHP5050NDE001	X	-	J.O. C26905/07
	ELBOW TO PIPE	C5.11					
<u>LINE 1-CTS-3 (FIG NO B-43)</u>							
309550	1-CTS-3-02F	C-F	PT	DCC-PT1/1/0	X	-	SWRI - 7.5% AUGMENTED UT REQUIREMENT
	PIPE TO VALVE	C5.11	UT0L	DCC-UT49/2/2	X	-	
			UT45	DCC-UT35/2/1	X	-	
			UT45RL		X	-	**8-SS-40-.322-17-DCC**



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FEEDWATER SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM		O	G T
		ITEM NO	METHOD	PROCEDURE		R	E H
						E	O E
						C	M R
							CALIBRATION BLOCK
<u>LINE 1-FW-11 (FIG NO B-48)</u>							
311040	1-FW-11-02S-PS	C-C	MT	12SHP5050NDE002	X	-	J.O. C26910/10
	PENETRATION SUPPORT WELD	C3.20					

				N	O		
				O	G	T	
				R	E	H	
SUMMARY EXAMINATION AREA				E	O	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	M	R
				CALIBRATION BLOCK			
<u>LINE 1-MS-6 (FIG NO B-61)</u>							
313800	1-MS-6-11S-PS	C-C	PT	12QHP5050NDE001	X	-	-
	PENETRATION SUPPORT WELD	C3.20					J.O. C26910/10 - LIMITED EXAM DUE TO WELDED BELLOWS.

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REACTOR COOLANT SYSTEM

SUMMARY EXAMINATION AREA		ASME			N O	
		SEC. XI			O G T	
		CATGY	EXAM		R E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E O E	REMARKS
					C M R	**CALIBRATION BLOCK**
<u>LINE 1-RC-11 (FIG NO A-16)</u>						
613700	1-GRC-R-500 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP5050NDE006	X - -	J.O. C26910/10
614100	1-GRC-R-503 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP5050NDE006	X - -	J.O. C26910/10
<u>LINE 1-RC-13 (FIG NO A-18)</u>						
614600	1-GRC-R-536 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP5050NDE006	X - -	J.O. C26910/10
<u>LINE 1-RC-14 (FIG NO A-19)</u>						
615200	1-GRC-R-558 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	- - X	J.O. C26910/10 - DESIGN/AS-FOUND DISCREPANCY: PIPE CLEARANCES. OPERABILITY NOT IMPAIRED PER DCCNECP202QCN BUT THE SUPPORT WILL BE REPAIRED TO MEET THE ORIGINAL DESIGN INTENT. SEE A/R A102026.

CHEMICAL AND VOLUME CONTROL SYSTEM

SUMMARY	EXAMINATION AREA	ASME			N O	
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM	O G T	
			ITEM NO	METHOD	R E H	
					E O E	REMARKS
					C M R	**CALIBRATION BLOCK**
<hr/>						
<u>LINE 1-CS-96 (FIG NO A-46)</u>						
631500	1-GCS-R-540 PIPE SUPPORT COMPONENTS	F-C	VT-3	12SHPS050NDE006	X - -	J.O. C26910/10
		F3.00				

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RHR HEAT EXCHANGER WEST

					N	O		
					O	G	T	
					R	E	H	
SUMMARY EXAMINATION AREA					E	O	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	M	R	**CALIBRATION BLOCK**
-----					-----			

COMPONENT SUPPORTS (FIG NO B-8A)

700180	W-RHRHEX-SC-2	F-B	VT-3	12SHP5050NDE006	X - -	J.O. C26905/07
		F2.00				



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EMERGENCY CORE COOLING SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
		SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
NUMBER	IDENTIFICATION				C	M	R
							REMARKS
							CALIBRATION BLOCK
<hr/>							
<u>LINE 1-SI-2 (FIG NO B-10)</u>							
701500	1-GCTS-R-70 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	- J.O. C26905/07 - DRAWING DISCREPANCY; SEE A/R A100131.
<u>LINE 1-SI-3 (FIG NO B-11)</u>							
702050	1-GRH-L-51 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X J.O. C26905/07 - INSTALLATION RELATED DISCREPANCY; PIPE CLEARANCES. OPERABILITY NOT IMPAIRED PER DCCNECP202QCN BUT THE SUPPORT WILL BE REPAIRED TO MEET THE ORIGINAL DESIGN INTENT. SEE A/R A100143
<u>LINE 1-RH-1 (FIG NO B-25)</u>							
704850	1-GRH-V-8 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	X	-	- J.O. C26905/07
<u>LINE 1-RH-5 (FIG NO B-29)</u>							
705810	1-GCTS-L-81 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X	-	- J.O. C26905/07
705830	1-GRH-R-17 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	- J.O. C26905/07 - DRAWING DISCREPANCY; SEE A/R A100136.
<u>LINE 1-RH-6 (FIG NO B-30)</u>							
706620	1-GCTS-L-13 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	- J.O. C26905/07

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SUMMARY EXAMINATION AREA		ASME			N	O	
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM		O	G T
		ITEM NO	METHOD	PROCEDURE		R	E H
						E	O E
						C	M R
<u>LINE 1-RH-9 (FIG NO B-33)</u>							
707650	1-GSI-L-822 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X
							J.O. C26905/07 - INSTALLATION RELATED DISCREPANCY; FLAME CUT HOLE. OPERABILITY NOT IMPAIRED PER DCCNECP202QCN. ACCEPTABLE AS IS PER A/R A100026.
<u>LINE 1-RH-10 (FIG NO B-34)</u>							
707930	1-GSI-V-18 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	-	-	X
							J.O. C26905/07 - INSTALLATION RELATED DISCREPANCY; ADDITIONAL ATTACHMENTS. OPERABILITY NOT IMPAIRED PER DCCNECP202QCN. ACCEPTABLE PER A/R A100140.

718500	1-GCS-V-108A	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C26905/07
	PIPE SUPPORT COMPONENTS	F3.00	VT-4		X	-	-	



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CONTAINMENT SPRAY SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
		SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E	O	E
					C	M	R
							REMARKS
							CALIBRATION BLOCK
<hr/>							
<u>LINE 1-CTS-1 (FIG NO B-41)</u>							
719060	1-GCTS-V-21	F-C	VT-3	12SHP5050NDE006	X	-	-
	PIPE SUPPORT COMPONENTS	F3.00	VT-4		-	-	X
							J.O. C26905/07 - SPRING LOAD SETTING DISCREPANCY. OPERABILITY NOT IMPAIRED PER DCCNECP202QCN BUT SUPPORT WILL BE ADJUSTED TO MEET THE ORIGINAL DESIGN INTENT. SEE A/R A100027.
719150	1-GCTS-V-22	F-C	VT-3	12SHP5050NDE006	X	-	-
	PIPE SUPPORT COMPONENTS	F3.00	VT-4		X	-	-
							J.O. C26905/07
<u>LINE 1-CTS-2 (FIG NO B-42)</u>							
719330	1-GCTS-L-30	F-B	VT-3	12SHP5050NDE006	X	-	-
	PIPE SUPPORT COMPONENTS	F2.00					J.O. C26905/07
719430	1-GCTS-R-59	F-B	VT-3	12SHP5050NDE006	X	-	-
	PIPE SUPPORT COMPONENTS	F2.00					J.O. C26905/07
<u>LINE 1-CTS-4 (FIG NO B-44)</u>							
719920	1-GCTS-V-26	F-C	VT-3	12SHP5050NDE006	X	-	-
	PIPE SUPPORT COMPONENTS	F3.00	VT-4		X	-	-
							J.O. C26905/07 - DRAWING DISCREPANCY; SEE A/R A100028.

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FEEDWATER SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
		SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
NUMBER	IDENTIFICATION				C	M	R
							REMARKS
							CALIBRATION BLOCK
<u>LINE 1-FW-11 (FIG NO B-48)</u>							
726430	1-FW-H-3 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP5050NDE006	X	-	- J.O. C26910/10
<u>LINE 1-FW-17 (FIG NO B-53)</u>							
726820	1-FW-17-12F-HANGER PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	- J.O. C26905/26
<u>LINE 1-FW-30 (FIG NO B-57)</u>							
727020	1-GFW-L-823 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X J.O. C26905/07 - INSTALLATION RELATED DISCREPANCY; CLEARANCES. OPERABILITY NOT IMPAIRED PER DCCNECP202QCN BUT SUPPORT WILL BE REPAIRED TO MEET THE ORIGINAL DESIGN INTENT. SEE A/R A100122.

INDIANA MICHIGAN POWER COMPANY
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UNIT 1 COMMERCIAL SERVICE DATE 8-23-1975
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TECHNICAL SPECIFICATION/INSERVICE INSPECTION
SURVEILLANCE OF HYDRAULIC SNUBBERS

The Unit 1 Tech. Spec./ISI snubber examination and test results for the period of May 30, 1994 to the end of the Unit 1 1995 Refueling Outage are noted below.

The examinations (visual) are separated into three (3) categories: Grinnell "Accessible", Grinnell "Inaccessible", and "Steam Generator". The Functional Test surveillances are also separated into three (3) categories: "Grinnell", "Steam Generator" and "ISI/Non-Tech. Spec.".

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

I. VISUAL EXAMINATIONS

<u>Category</u>	<u>Compl. Date</u>	<u>Comments/Result</u>
a. Grinnell "Accessible"	09-08-95	all acceptable
	09-22-95	all acceptable
b. Grinnell "Inaccessible"	08-23-95	all acceptable
	10-13-95	all acceptable
c. Steam Generator	08-19-95	all acceptable
	09-15-95	all acceptable

FUNCTIONAL TESTS

<u>Category</u>	<u>Compl. Date</u>	<u>Comments/Result</u>
a. Grinnell	08-29-95	ten tested, all acceptable, see attached sheet
b. Steam Generator	08-28-95	four tested, all acceptable, see attached sheet

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Note that the five (5) ISI/Non-Tech. Spec. snubbers that are listed in the following were visually inspected per Procedure No. **12MHP4030.TSP.004 with the as-found Grinnell "Accessible" snubber inspections. Details of each examination and test are included in applicable Job Order Packages.

FUNCTIONAL TEST SURVEILLANCES

<u>Snubber Mark No.</u>	<u>Date Tested</u>	<u>As-Found</u>
<u>Grinnell</u>		
1-GRC-S575	08-22-95	Pass
1-GRC-S587	08-22-95	Pass
1-GRC-S598	08-22-95	Pass
1-GRC-S608	08-23-95	Pass
1-FWS-2-U	08-23-95	Pass
1-FWS-4-U	08-29-95	Pass
1-FWS-7	08-25-95	Pass
1-FWS-10-L	08-25-95	Pass
1-GCS-S634	08-23-95	Pass
1-GCTS-S73-E	08-22-95	Pass
<u>Steam Generator</u>		
1-OME-3-2-HSD-1U	08-27-95	Pass
1-OME-3-2-HSD-3L	08-28-95	Pass
1-OME-3-2-HSD-3U	08-28-95	Pass
1-OME-3-3-HSD-3U	08-25-95	Pass

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UNIT 1 GRINNELL "INACCESSIBLE" SNUBBERS

<u>Tech. Spec.</u>	<u>Mark Number</u>	<u>Azimuth</u>	<u>Elevation</u>	<u>Size (in.)</u>
1	1-GRC-S519	310	683	2 1/2 x 5
2	1-GRC-S537	25	610	2 1/2 x 5
3	1-GRC-S538	41	614	2 1/2 x 5
4	1-GRC-S555	141	614	2 1/2 x 5
5	1-GRC-S562	154	610	2 1/2 x 5
6	1-GRC-S564	313	614	2 1/2 x 5
7	1-GRC-S566	332	610	2 1/2 x 5
8	1-GRC-S573	223	614	2 1/2 x 5
9	1-GRC-S575	208	610	2 1/2 x 5
10	1-GRC-S582	212	617	1 1/2 x 5
11	1-GRC-S587	260	622	2 1/2 x 5
12	1-GRC-S592	292	683	3 1/4 x 5
13	1-GRC-S594	292	691	3 1/4 x 5
14	1-GRC-S596	285	691	2 1/2 x 5
15	1-GRC-S598	292	670	2 1/2 x 5
16	1-GRC-S599	287	672	2 1/2 x 5
17	1-GRC-S604	286	688	1 1/2 x 5
18	1-GRC-S608	286	693	1 1/2 x 5
19	1-GRC-S614	282	681	1 1/2 x 5
20	1-FW-S1	31	634	2 1/2 x 5
21	1-FW-S2 (L)	26	633	2 1/2 x 5
22	1-FW-S2 (U)	26	636	2 1/2 x 5
23	1-FW-S3	20	629	2 1/2 x 5
24	1-FW-S4 (L)	154	636	2 1/2 x 5
25	1-FW-S4 (U)	154	640	2 1/2 x 5
26	1-FW-S5	163	634	2 1/2 x 5
27	1-FW-S6	157	629	2 1/2 x 5
28	1-FW-S7	204	634	2 1/2 x 5
29	1-FW-S8 (L)	200	633	2 1/2 x 5
30	1-FW-S8 (U)	200	636	2 1/2 x 5
31	1-FW-S9	194	629	2 1/2 x 5
32	1-FW-S10 (L)	334	633	2 1/2 x 5
33	1-FW-S10 (U)	334	636	2 1/2 x 5
34	1-FW-S11	330	634	2 1/2 x 5
35	1-FW-S12	343	629	2 1/2 x 5
36	1-GCS-S634	292	613	2 1/2 x 5
38	1-GCS-S757	128	612	2 1/2 x 5



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UNIT 1 GRINNELL "INACCESSIBLE" SNUBBERS (CONT.)

<u>Tech. Spec.</u>	<u>Mark Number</u>	<u>Azimuth</u>	<u>Elevation</u>	<u>Size (in.)</u>
39	1-MSS-1	8	639	5 x 5
40	1-MSS-2	17	635	3 1/4 x 5
41	1-MSS-3	172	639	5 x 5
42	1-MSS-4	165	635	3 1/4 x 10
43	1-MSS-5	191	635	3 1/4 x 5
44	1-MSS-6	184	639	4 x 5
45	1-MSS-7	349	635	3 1/4 x 5
46	1-MSS-8	356	639	4 x 5
70	1-GSI-S707	228	608	1 1/2 x 5

UNIT 1 GRINNELL "ACCESSIBLE" SNUBBERS

<u>Tech. Spec.</u>	<u>Mark Number</u>	<u>Azimuth</u>	<u>Elevation</u>	<u>Size (in.)</u>
37	1-GCS-S637	71	608	1 1/2 x 10
47	1-GCCW-S278		609	1 1/2 x 5
48	1-GCCW-S309		597	4 x 5
49	1-GCCW-S837		621	1 1/2 x 5
50	1-GCCW-S838		621	1 1/2 x 5
51	1-GCCW-S839		621	1 1/2 x 5
52	1-GCCW-S840		621	1 1/2 x 5
53	1-GCCW-S841		621	1 1/2 x 5
54	1-GCCW-S842		621	1 1/2 x 5
55	1-GCCW-S844		609	1 1/2 x 5
56	1-GBD-S563	277	608	1 1/2 x 5
57	1-GBD-S569	278	608	1 1/2 x 5
58	1-GBD-S573	181	607	1 1/2 x 5
59	1-GBD-S574	181	607	1 1/2 x 5
60	1-GRH-S7A		581	2 1/2 x 5
61	1-GRH-S7B		581	2 1/2 x 5
62	1-GRH-S47		581	2 1/2 x 5
63	1-GRH-S48		580	2 1/2 x 5
64	1-GDG-S13		596	2 1/2 x 5
65	1-GDG-S14		603	2 1/2 x 5
66	1-GSI-S103		573	3 1/4 x 5
67	1-GSI-S128		573	3 1/4 x 5
68	1-GSI-S575	66	598	2 1/2 x 5
69	1-GSI-S657	185	610	1 1/2 x 5



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UNIT 1 GRINNELL "ACCESSIBLE" SNUBBERS (CONT.)

<u>Tech. Spec.</u>	<u>Mark Number</u>	<u>Azimuth</u>	<u>Elevation</u>	<u>Size (in.)</u>
71	1-GCTS-S73 (E)		582	2 1/2 x 5
72	1-GCTS-S73 (W)		582	2 1/2 x 5
73	1-GCTS-S76 (B)		579	2 1/2 x 5
74	1-GCTS-S76 (A)		579	2 1/2 x 5
75	1-GCTS-S160A (N)		582	2 1/2 x 5
76	1-GCTS-S160A (S)		582	2 1/2 x 5
77	1-GCTS-S161 (E)		579	2 1/2 x 5
78	1-GCTS-S161 (W)		579	2 1/2 x 5

ISI/Non-Tech. Spec. Snubbers

1-GFW-S852	1 1/2 x 5
1-GFW-S854	1 1/2 x 5
1-GFW-S861	1 1/2 x 5
1-GFW-S862	2 1/2 x 5
1-GFW-S866	3 1/4 x 5

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UNIT 1, 800 Kip MCDOWELL-WELLMAN
STEAM GENERATOR SNUBBERS

<u>COMPONENT NUMBER</u>	<u>TECH. SPEC. NO.</u>	<u>SERIAL NUMBER</u>
1-OME-3-1-HSD-3U	79	25.12620.007-1
1-OME-3-1-HSD-3L	80	25.12620.007-5
1-OME-3-1-HSD-1U	81	25.12620.007-7
1-OME-3-1-HSD-1L	82	25.12620.007-14
<hr/>		
1-OME-3-2-HSD-1U	85	25.12620.007-9
1-OME-3-2-HSD-1L	84	25.12620.007-6
1-OME-3-2-HSD-3U	86	25.12620.007-15
1-OME-3-2-HSD-3U	83	25.12620.007-3
<hr/>		
1-OME-3-3-HSD-3U	88	25.12620.007-4
1-OME-3-3-HSD-3L	87	25.12620.007-2
1-OME-3-3-HSD-1U	90	25.12620.007-16
1-OME-3-3-HSD-1L	89	25.12620.007-8
<hr/>		
1-OME-3-4-HSD-1U	93	25.12620.007-12
1-OME-3-4-HSD-1L	92	25.12620.007-11
1-OME-3-4-HSD-3U	94	25.12620.007-13
1-OME-3-4-HSD-3L	91	25.12620.007-10

INDIANA MICHIGAN POWER COMPANY
 COOK NUCLEAR PLANT, BRIDGMAN, MICHIGAN
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STEAM GENERATOR INSPECTIONS AND REPAIRS

Unit One Steam Generator inspections and repairs were performed from August 15, 1995 to October 11, 1995 in accordance with plant Technical Specifications. Eddy current bobbin coil testing was performed on 100% of the tubes in service in all four steam generators. Each tube was also inspected to the top of the hot leg top of tube sheet location with a Cecco5 probe. Plugs were removed from 146 tubes and they were inspected in a similar manner. In addition, all low row tubes in one steam generator were inspected in the Ubend area using a rotating pancake probe. All tubes with indications exceeding Technical Specification limits were repaired by plugging or rerolling during this outage. No sleeving was performed.

TUBES REPAIRED PER STEAM GENERATOR

Steam Generator	#11	#12	#13	#14
Tubes				
Inspected Bobbin Coil	2991	3084	3149	3101
Inspected Cecco5	2991	3084	3149	3101
Low Row RPC	0	0	0	173
Rerolled	231	117	477	109
Plugged	20	18	25	22
Reclaimed	26	16	70	13

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ACCUMULATED PERCENTAGE OF TUBES PLUGGED IN EACH STEAM
 GENERATOR, INCLUDING SLEEVE EQUIVALENT PLUGS:

Cook Nuclear Plant Plugging and Sleeving Summary Hot Leg						
Steam Generator	27" Sleeve Tubes	30" Sleeve Tubes	Sleeve Equiv. Plugs	Plugged Tubes	Total Equiv. Plugs	Percent Plugged Tubes
S/G 11	309	518	35.19	391	426.19	12.6%
S/G 12	12	168	7.66	306	313.66	9.2%
S/G 13	83	376	19.53	194	213.53	6.3%
S/G 14	114	260	15.91	296	311.91	9.2%
TOTALS	518	1322	78.30	1227	1265.29	9.3%



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SYSTEM PRESSURE TESTS

Inservice Inspection System Pressure Tests were performed during the summer 1995 Unit One Refueling Outage. These tests fulfill the requirements of ASME Section XI Articles IWA, IWB, IWC, and IWD as applicable.

System functional, inservice and leakage tests were conducted on class 1, 2 and 3 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. Some of the systems tested included the following:

- Essential Service Water
- Residual Heat Removal
- Safety Injection
- Diesel Generator
- Boric Acid Tanks and Piping
- Component Cooling Water
- Steam Generator
- RCP Seal Injection
- RCP Seal Leakoff
- Refueling Water Storage Tank
- SFP Cooling Piping
- Condensate Storage Tank
- Letdown Piping
- Plant and Control Air

All procedures satisfy the testing and documentation requirements set forth in ASME Section XI, 1983, Summer 1983 Addendum for Class 1, 2 and 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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JO	ACT	UNIT	COMPID	CC	DATEW	COMMENT
C12199	4	1	CS-443-1	1	8/30/95	Replace valve
C22524	02	1	RC-106-L1	1	9/10/95	Machine bonnet and disc
C25436	03	1	SV-51	1	8/30/94	Replace safety valve
C25621	05	1	IMO-315	1	8/29/95	Remove seal ring weld
C25936	03	1	SI-138	1	8/26/95	Machine inbody seat
C26265	1	1	GCS-S634	1	8/24/95	Upgrade snubber
C27177	7	1	ICM-129	1	8/31/95	Weld C-ring canopy to valve
C28118	1	1	GRC-S575	1	8/23/95	Upgrade snubber
C31799	01	1	CS-325	1	8/29/95	Replace valve and piping
C33062	2	1	OME-1	1	9/30/95	Install cleanout connection
R20879	03	1	NRV-163	1	8/28/95	Replace Trim Assy
R32576	06	1	SV-45C	1	8/28/95	Replace valve with spare
R32580	06	1	SV-45A	1	8/28/95	Replace valve with spare
R32583	06	1	SV-45B	1	8/28/95	Replace valve with spare
R35511	4	1	SI-170-L2	1	8/27/95	Replace body to bonnet stud
R35538	2	1	OME-3-2-HSD-1U	1	8/27/95	Replace clevis pin
C19262	03	1	QRV-161	2	8/27/95	Replace body/bonnet nut
C19345	2	1	CS-356	2	8/24/95	Replace bonnet assembly
C19364	2	1	CCW-242-72	2	8/24/95	Replace bonnet assembly
C23628	01	1	GRH-S7B	2	6/17/94	Snubber upgrade
C24072	02	1	IFI-331-V2	2	9/6/95	Recut seat
C24315	02	1	QMO-225	2	9/12/94	Replace cracked disc
C24540	01	1	QPX-300-V1	2	8/21/95	Machine seat
C24553	3&5	1	ABD-R5028	2	9/19/95	Modify pipe support
C24553	3&5	1	ABD-R5033	2	9/19/95	Install pipe support
C24553	3&5	1	ABD-R5038	2	9/19/95	Install pipe support
C24553	3&5	1	ADB-R5024	2	9/19/95	Install pipe support
C25542	01	1	ACTS-R5304	2	8/28/95	Modify hanger
C25757	03	1	QMO-226	2	12/3/94	Replace cracked Disc-Overthrust damage
C25936	3	1	SI-138	2	8/27/95	Machine seating surface
C26261	01	1	FW-S2-U	2	9/1/95	Upgrade control valve
C26262	01	1	FW-S7	2	8/26/95	Upgrade control valve
C26263	01	1	FW-S10-L	2	8/26/95	Upgrade control valve
C26266	01	1	GCTS-S73E	2	8/28/95	Upgrade control valve
C26932	07	1	OME-3-3	2	9/30/95	Replace manway bolt
C27166	10	1	MCM-221	2	2/13/95	Drill body & leak seal
C27166	3	1	MCM-221	2	11/22/33	Valve replaced - C28804 9/6/95
C27251	31	1	CTS-6	2	9/6/95	Install saddle near valve
C27251	19	1	GC-R229	2	9/15/95	Modify support
C27251	19	1	GC-R25A	2	9/15/95	Modify support
C27251	20	1	GCCW-R92	2	9/19/95	Modify support
C27251	20	1	GCTS-R19	2	9/19/95	Modify support
C27251	20	1	GCTS-R24A	2	9/19/95	Modify support
C27332	04	1	GFW-R186	2	4/18/95	Modify support
C27496	01	1	CTS-119W	2	4/7/95	Replace U-Bolt
C28340	01	1	NCR-252	2	9/8/95	Replace bonnet assy



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C28804	1&5	1	MCM-221	2	9/6/95 See C27166 for NIS2. Replace Valve
C28909	04	1	MS-135-2	2	9/12/95 Replace valve and pipe
C29187	02	1	GFW-L867	2	5/18/95 Modify support
C29448	02	1	SI-115N	2	6/21/95 Repair seating surface
C30382	03	1	MRV-213	2	7/7/95 Replace cage and plug
C31878	03	1	CCW-135	2	9/5/95 Replace valve
C31906	01	1	XCR-103	2	9/12/95 Machine Bonnet
C32155	01	1	FW-S8-U	2	8/30/95 Replace snubber and rod eye
C32163	02	1	FW-S8-L	2	8/30/95 Install configuration A kit
C32590	02	1	GFW-L178	2	10/30/95 Replace missing nut
C32691	01	1	HE-18W	2	9/16/95 Repair porosity in weld
R05530	01	1	SV-105E	2	9/5/95 Replace fasteners
R20836	05	1	PP-50W	2	8/24/95 Repair cladding cracks. Also replaced bolting
R22402	02	1	GCTS-S73E	2	9/5/95 Replace load pin
R35010	02	1	PCR-40	2	9/22/95 Replace trim assembly
R35160	02	1	CCR-440	2	9/20/95 Replace plug
R35160	02	1	CCR-440	2	9/20/95 Machine bonnet
R35160	14	1	CCR-440	2	9/20/95 Replace plug and seat ring
R35168	01	1	CCR-441	2	9/3/95 Replace plug
R35168	02	1	CCR-441	2	9/3/95 Machine bonnet
R35169	01	1	CCR-460	2	8/24/95 Replace plug
R35169	02	1	CCR-460	2	9/2/95 Replace bonnet assy
R35187	02	1	CCR-462	2	9/3/95 Replace plug
R35187	02	1	CCR-462	2	9/3/95 Replace bonnet assy
R35256	02	1	CCR-457	2	9/1/95 Refurbish valve
R35256	02	1	CCR-457	2	9/1/95 Replace plug
R35293	02	1	CCR-456	2	9/4/95 Refurbish valve
R35293	02	1	CCR-456	2	9/4/95 Weld repair pitted B/B gasket area
R35295	02	1	CCR-455	2	9/2/95 Refurbish valve
R35295	02	1	CCR-455	2	9/2/95 Weld repair pitted B/B gasket area
R35477	03	1	FW-118-1	2	9/14/95 Replace bonnet stud and nut
R35491	02	1	N-158	2	8/29/95 Machine seat
R36021	01	1	QRV-200	2	8/30/95 Replace plug
R36121	01	1	QRV-251	2	8/25/95 Replace trim assembly
R36615	13	1	MRV-230	2	9/21/95 Cut vent line and reweld
R36615	11	1	MRV-230	2	9/21/95 Replace studs and nuts
R36965	02	1	ECR-36	2	9/11/95 Replace body to bonnet nuts
R37838	02	1	QRV-160	2	8/27/95 Replace trim assembly
R48719	01	1	SV-3-1	2	9/7/95 Replace valve disc
R48721	01	1	SV-3-2	2	8/31/95 Replace valve disc
R48723	01	1	SV-2A-3	2	9/1/95 Replace valve disc
R48726	01	1	SV-1A-4	2	9/5/96 Replace valve disc
R48728	01	1	SV-2B-4	2	9/5/95 Replace valve disc
R48730	01	1	SV-3-4	2	9/11/95 Replace valve disc

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 08-30-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C12199-4 1-CS-443-1
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No: N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System REACTOR COOLANT PUMP SEAL WATER INJ/LEAKOFF
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CS-443-1	CONVAL INC.	N/A	N/A	SA-182 GR. F-316 M&E30035209 ASP# 14119	N/A	REPLACE- MENT	NO
2" SCH.160 PIPE	RADNOR ALLOYS INC.	N/A	N/A	ASME SA-376 TYPE 304 M&E30019310 ASP# 14295	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ VT-2
N/A ☐ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED VALVE AND PIPING DUE TO NORMAL WEAR. VT-2 SYSTEM
 Applicable Manufacturer's Data Reports to be attached

LEAKAGE EXAM WAS PERFORMED PER CODE CASE N-416-1 AND ACCEPTED.

Ref. JO: C12199-4

File: 1-CS-443-1

ISI: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/3, 19 95
 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. have inspected the components described in this Owner's Report during the period 8-18-95 to 11-30-95, 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.

Mike M. [Signature] Commissions MICHIGAN, ENR, NBT
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 30 19 95



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 09-09-95
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 C22524-2 1-RC-106-L1
Address _____ Repair Org. P.O. No., Job No., etc _____
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
Same as #2 Expiration Date N/A
Address _____
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed. N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1-RC-106-L1	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
BONNET. GASKET SEATING SURFACE	EXISTING	N/A	N/A	ASTM A-182 F-316	N/A	REPAIRED MACHINED	NO
STUD	CARDINAL INDUSTRIAL PRODUCTS	N/A	N/A	ASTM SA-453 GRADE 660 M&E30212295 ASP # 16300	1989	REPLACE-MENT	NO
NUT	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASME SA-194 GRADE 8FA M&E30212100 ASP # 17501	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ Other ☐ PT & VT1 Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks MACHINED BONNET GASKET SEATING SURFACE TO REMOVE SCRATCHES, PT
Applicable Manufacturer's Data Reports to be attached

EXAM WAS PERFORMED ON MACHINED SURFACE AND ACCEPTED. VT-1 EXAM

WAS PERFORMED ON BONNET TO BODY REPLACEMENT FASTENER. DISC WAS

LAPPED AND NOT MACHINED AS STATED ON R/R TRAVELER.

Ref. JO:C22524-2

File: 1-RC-106-L1

ISI: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/28, 1995
 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. have inspected the components described in this Owner's Report during the period 9-7-95 to 12-1-95, 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 Mutual
 Inspector's Signature

Commissions Michigan OOS, EN, NFI

National Board, State, Province, Endorsements

Date December 1 1995

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-01-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C25426-3 1-SV-51
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System LETDOWN (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-51	CROSBY VALVE	N/A	N/A	ASME SA-351 GRADE CF8M M&E30036382 ASP#10077	N/A	REPLACE-MENT	NO
		N/A	N/A				

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure VT2
N/A ☐ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED SAFETY VALVE. VT-2 INSERVICE INSPECTION PERFORMED
Applicable Manufacturer's Data Reports to be attached

DURING MODE CHANGE WALKDOWN.

Ref. JO:C25436

File: 1-SV-51

ISI: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 4/5, 1995
 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. have inspected the components described in this Owner's Report during the period 3-24-94 to 4-12-95, 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. [Signature] Commissions Michigan, ENR 1151
 Inspector's Signature National Board, State, Province, Endorsements

Date April 12 1995

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-28-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C25621-5 1-IMO-315
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-IMO-315	EXISTING	N/A	N/A	BODY ASME SA-351 GRADE CF8M	N/A	REPAIRED	NO
SEAL RING	EXISTING	N/A	N/A	ASME SA-351 GRADE CF8M	N/A	REPAIRED	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ VT2

N/A ☐ Other ☒ PT Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REMOVED SEAL RING FROM VALVE BODY TO FACILITATE INTERNAL
Applicable Manufacturer's Data Reports to be attached

INSPECTION. REWELDED SEAL RING TO BODY UPON REASSEMBLY.

PT EXAM WAS PERFORMED ON SEAL WELD AND ACCEPTED. VT-2 FUNCTIONAL

INSPECTION WAS PERFORMED AND ACCEPTED.

Ref. JO: C25621-5

File: 1-IMO-315

ISI: 1

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 Frank Pisarsky, Maint. Eng. Supervisor Date 11/16, 1995
 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. have inspected the components described in this Owner's Report during the period 11-7-94 to 11-28-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions Michigan, END NIE
 Inspector's Signature National Board, State, Province, Endorsements

Date November 28 1995

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-08-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C27177-5 & 7 1-ICM-129
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-ICM-129	EXISTING VALVE BODY	N/A	N/A	ASTM A-182 TYPE F-304	N/A	REPAIRED MACHINED	NO
CANOPY "C" RING	EXISTING	N/A	N/A	ASME SA-240 GRADE 304	N/A	REPAIRED	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure VT2

N/A ☐ Other PT Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REMOVED CANOPY "C" RING FROM BODY TO BONNET TO INSPECT VALVE
Applicable Manufacturer's Data Reports to be attached
- INTERNALS, CANOPY WAS REWELDED UPON REASSEMBLY. MACHINED BODY
GASKET SEATING SURFACES TO MANUFACTURES DIMENSIONS. PT EXAMS
WERE PERFORMED ON ALL WELDS AND MACHINED SURFACES AND ACCEPTED.
VT-2 SYSTEM FUNCTIONAL TEST WAS PERFORMED AND ACCEPTED.
- Ref. JO:C27177-5 & 7 File: 1-ICM-129 ISI: 1

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 Frank Pisarsky, Maint. Eng. Supervisor Date 11/3, 19 95
 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. have inspected the components described in this Owner's Report during the period 7-6-95 to 11-30-95, 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.

Mike Whitman Commissions Michigan, END NBT
 Inspector's Signature National Board, State, Province, Endorsements

Date November 30 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner: INDIANA MICHIGAN POWER COMPANY Date 08-28-95
Name _____
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
One Cook Place, Bridgman, MI 49106 C31799-1 1-CS-325
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
Same as #2 Expiration Date N/A
Address _____
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CS-325	CONVAL INC.	N/A	N/A	ASME SA-182 GRADE F316 M&E30035085 ASP# 17400	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ VT2

N/A ☐ Other ☐ Pressure _____ psi 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.

1
2
3



FORM NIS-2 (Back)

9. Remarks REPLACED VALVE PER MINOR MOD 12-MM-404 SUBTASK 238. ADJACENT.
Applicable Manufacturer's Data Reports to be attached

PIPING WAS NOT REPLACE AS STATED ON R/R TRAVELER. VT-2 SYSTEM

LEAKAGE EXAM WAS PERFORMED PER CODE CASE N-416-1 AND ACCEPTED.

Ref. JO: C31799-1

File: 1-CS-325

ISI: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/3, 19 95
 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. have inspected the components described in this Owner's Report during the period 2-18-95 to 11-29-95, 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.

Mike Whelan Commissions Michigan, EN, N, I
 Inspector's Signature National Board, State, Province, Endorsements

Date November 29 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-25-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R20879-3 1-NRV-163
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2. Authorization No. N/A
Address Expiration Date N/A
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed. N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1-NRV-163	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
TRIM ASSEMBLY	COPEES-VULCAN INC.	N/A	N/A	ASME SA-564 GRADE 630 M&E30036134 ASP # 12464	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED TRIM ASSEMBLY DUE TO HIGH RADIATION LEVELS.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R20879-3

File: 1-NRV-163

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 19 95
 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. have inspected the components described in this Owner's Report during the period 8-23-95 to 11-27-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions Mich 0055, ENR N&E
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 27 19 95

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

NIS-2-076-95

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/28/95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R32576-06 & 16 R/R 1405
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System PRESSURIZER ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-45C	CROSBY	RV-2-8010C	N/A	STYLE HB-86-BP-E	N/A	REPLACED	N/A
1" SS THREADED ROD	CARDINAL	ASP# 17603	N/A	SA453 GR 660 (91)	N/A	REPLACE-MENT	NO
1" SS H.H. NUTS	CARDINAL	ASP# 17651	N/A	SA194 GR 8FA (92)	N/A	REPLACE-MENT	NO

7. Description of Work REMOVED AND REPLACED VALVE 1-SV-45C FOR SETPOINT TESTING AND REPLACED OUTLET STUDS AND NUTS

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

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

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: R32576-06 & 16 DESIGN CHANGE: N/A

REPAIR/REPLACEMENT TRAVELLER: RR95-1405 ISI CLASS: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Wayne Cretsinger, Senior Planner Date Dec 29, 19 95
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. have inspected the components described in this Owner's Report during the period 8-7-95 to 1-3-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. H. Hutsch Commissions Mich 0055, END NIT
Inspector's Signature National Board, State, Province, Endorsements

Date January 3 19 96

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

NIS-2-074-95

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/28/95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R32580-06 & 17 R/R 1403
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System PRESSURIZER ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-45A	CROSBY	N56499-00-0001	N/A	STYLE HB-86-BP-E	N/A	REPLACED	N/A
1 1/4" SS THREADED ROD	NOVA	ASP# 11021	N/A	SA453 GR 660 (83)	N/A	REPLACE-MENT	NO
1 1/4" SS H.H. NUTS	NOVA	ASP# 11021	N/A	SA194 GR 8F (86)	N/A	REPLACE-MENT	NO
1" SS THREADED ROD	CARDINAL	ASP# 17603	N/A	SA453 GR 660 (91)	N/A	REPLACE-MENT	NO
1" SS H.H. NUTS	CARDINAL	ASP# 17651	N/A	SA194 GR 8F (92)	N/A	REPLACE-MENT	NO

7. Description of Work REMOVED AND REPLACED VALVE 1-SV-45A FOR SETPOINT TESTING AND REPLACED INLET AND OUTLET STUDS AND NUTS

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

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

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: R32580-06 & 17 DESIGN CHANGE: N/A

REPAIR/REPLACEMENT TRAVELLER: RR95-1403 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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date Dec. 29, 19 95
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. have inspected the components described in this Owner's Report during the period 8-7-95 to 1-3-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions Michigan ENDORS
National Board, State, Province, Endorsements

Date January 3 19 96

NIS-2-075-95

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/28/95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R32583-06 & 16 R/R 1404
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System PRESSURIZER ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-45B	CROSBY	N56499-01-0007	N/A	STYLE HB-86-BP-E	N/A	REPLACED	N/A
1" SS THREADED ROD	CARDINAL	ASP# 17603	N/A	SA453 GR 660 (91)	N/A	REPLACE-MENT	NO
1" SS H.H. NUTS	NOVA	ASP# 17394	N/A	SA194 GR 8FA (90)	N/A	REPLACE-MENT	NO

7. Description of Work REMOVED AND REPLACED VALVE 1-SV-45B FOR SETPOINT TESTING AND REPLACED OUTLET STUDS AND NUTS

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

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

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JO: R32583-06 & 16 DESIGN CHANGE: N/AREPAIR/REPLACEMENT TRAVELLER: RR95-1404 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/ACertificate of Authorization No. N/A Expiration Date N/ASigned Wayne Cretsinger, Senior Planner Date Dec. 29, 1995
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. have inspected the components described in this Owner's Report during the period 8/7/95 to 1-3-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. A. Waters Commissions Mich. ASS. G. J. N. E. T.
Inspector's Signature National Board, State, Province, Endorsements

Date January 3 1996

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 08-27-95
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 R35538-2 1-OME-3-2-HSD-1U
Address Repair Org. P.O. No., Job No., etc _____
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
Same as #2 Expiration Date N/A
Address _____
4. Identification of System STEAM GENERATOR PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-OME-3-2-HSD-1U	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
CLEVIS PIN	ANKER HOLTH	N/A	N/A	ASTM A-322 GRADE 4340 M&E30023592 ASP# 6671	1983	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ Other ☐ VT3/4 Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED CLEVIS PIN THAT WAS GALLED UPON REMOVAL.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R35538-2

File: 1-OME-3-2-HSD-1U

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/16, 1995
 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. have inspected the components described in this Owner's Report during the period 7-18-95 to 11-22-95, 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.

Mike J. Hutzinger Commissions MAIA 0055, ENR 2N&L
 Inspector's Signature National Board, State, Province, Endorsements

Date November 28 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-27-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R35511-4 1-SI-170-L2
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SI-170-L2	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
BONNET TO BODY STUD	HARDWARE SPECIALTY CO	N/A	N/A	ASTM A453 GRADE 660 M&E30047100 ASP# 10356	1986	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☐ VT1 Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED BONNET TO BODY STUD DUE TO DAMAGED THREADS. VT-1 EXAM
Applicable Manufacturer's Data Reports to be attached

WAS PERFORMED ON NEW STUD PRIOR TO INSTALLATION AND ACCEPTED.

Ref. JO: R35511-4

File:1-SI-170-L2

ISI: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/3, 1995
 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. have inspected the components described in this Owner's Report during the period 8-22-95 to 11-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.K. Winterspaul Commissions Michigan 0055, ENR NIT
 Inspector's Signature National Board, State, Province, Endorsements

Date November 30 1995

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-23-95
 Name
 P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
 Name
 One Cook Place, Bridgman, MI 49106 C19262-3 1-ORV-161
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name
 Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System LETDOWN (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed. N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
 Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-QRV-161	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
TRIM ASSEMBLY	COPESE-VULCAN INC.	N/A	N/A	ASME SA-564 GRADE 630 M&E30036134 ASP # 14479	N/A	REPLACE- MENT	NO
ALL THREAD STUDS	CARDINAL INDUSTRIAL PRODUCTS	N/A	N/A	ASME SA-193 GRADE B7 M&E30211660 ASP # 17239	N/A	REPLACE- MENT	NO
NUTS	CARDINAL INDUSTRIAL PRODUCTS	N/A	N/A	ASME SA-194 GRADE 2H M&E30211925 ASP # 15684	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

N/A ☒ Other ☐ Pressure psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED TRIM ASSEMBLY DUE TO HIGH RADIATION LEVELS.Applicable Manufacturer's Data Reports to be attachedREPLACED BODY TO BONNET FASTENERS DUE TO BORON BUILD UP.Ref. JO:C19262-3File: 1-ORV-161ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 1995
 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. have inspected the components described in this Owner's Report during the period 2-17-94 to 11-29-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. M. J. [Signature]
 Inspector's Signature

Commissions Michoos, EN IN I
 National Board, State, Province, Endorsements

Date November 28 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-24-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C19345-2. 1-CS-356
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System REACTOR COOLANT PUMP SEAL WATER INJECTION/LEAKOFF
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CS-356	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
BONNET ASSEMBLY	ITT ENGINEERED VALVE	N/A	N/A	ASME SA-351 GRADE CF8 M&E30040528 ASP# 14155	N/A	REPLACEMENT	NO

7. Description of Work. (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

N/A ☒ Other ☐ Pressure _____ psi 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.

Ref. JO: C19345-2

File: 1-CS-356

ISI: 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.
repair or replacement

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 1995
Owner or Owner's Designee, Title

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL\INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-1-95 to 11-1-95, 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 MICHOOS, ENJNEI
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 1 19 95

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 08-24-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C19364-1 1-CCW-242-72
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System COMPONENT COOLANT WATER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CCW-242-72 BONNET GASKET SEATING SURFACE	EXISTING HANCOCK VALVE	N/A	N/A	ASTM A-105	N/A	REPAIRED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☐ PT Pressure psi 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.

FORM NIS-2 (Back)

9. Remarks THE BONNET GASKET SEATING SURFACES WERE MACHINED TO OBTAIN
Applicable Manufacturer's Data Reports to be attached

ACCEPTABLE TOLERANCES PER MANUFACTURERS DIRECTIONS. LIQUID

PENETRANT EXAM WAS PERFORMED AND ACCEPTED.

Ref. JO:C19364-1

File: 1-CCW-242-72

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Date 10/13, 1995
 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. have inspected the components described in this Owner's Report during the period 7/22/95 to 11-1-95, 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. Matuszewska
 Inspector's Signature

Commissions Michigan, EN, D, N, S, I

National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 1 1995

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 06-13-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C23628-1 1-GRH-S7B
Address Repair Org., P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GRH-S7B	GRINNELL CORP	N/A	N/A	SNUBBER M&E30024700 ASP# 15767	N/A	REPLACE- MENT	NO
PISTON ROD EYE	GRINNELL CORP	N/A	N/A	CARBON STEEL M&E30024875 ASP#12135	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A. ☐ Other ☐ VT3 Pressure psi 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.

FORM NIS-2 (Back)

9. Remarks REPALCED SNUBBER AND PISTON ROD EYE.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C23628-1

File: 1-GRH-S7B

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 1995
 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. have inspected the components described in this Owner's Report during the period 5-6-94 to 10/31/95, 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.

Frank Pisarsky Commissions Michigan, EN, N, I
 Inspector's Signature National Board, State, Province, Endorsements

Date October 31 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-06-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C24072-2 1-IFI-331-V2
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-IFI-331-V2	EXISTING	N/A	N/A	IN BODY SEAT SA-479 XM19H	N/A	REPAIRED	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

N/A ☒ Other ☐ Pressure _____ psi 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.



FORM NIS-2 (Back)

9. Remarks REMOVED MINOR STEAM CUTS FROM IN BODY SEATING SURFACE USING A
Applicable Manufacturer's Data Reports to be attached

CONVAL SEAT CUTTING TOOL.

Ref. JO:C24072-2

File:1-IFI-331-V2

ISI: 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 Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 1995
 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. have inspected the components described in this Owner's Report during the period 9-5-95 to 11-16-95, 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.

HR. W. [Signature]
 Inspector's Signature

Commissions Mich 0055, END NFI
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 16 19 95

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 08-18-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C24315-2 1-OMO-225
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-QMO-225	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
DISC	VELAN INC.	N/A	N/A	A-351 S/S GRADE CF8 STELLITE #6 M&E30043945 ASP# 15711	1986	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED DISC DUE TO OVER THRUSTING OF ACTUATOR DURING
Applicable Manufacturer's Data Reports to be attached
DIAGNOSTIC TESTING.

Ref. JO:C24315-2

File: 1-OMO-225

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 4/17, 1995
 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. have inspected the components described in this Owner's Report during the period 3-24-94 to 7-27-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions MICH 0055, END N51

National Board, State, Province, Endorsements

Date July 27, 1995

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-21-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C24540-1 1-OPX-300-V1
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System LETDOWN (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-QPX-300-V1 BODY SEATING SURFACE	EXISTING	N/A	N/A	SA-479	N/A	REPAIRED MACHINED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REMOVED MINOR PITTING FROM BODY SEATING SURFACE USING A
Applicable Manufacturer's Data Reports to be attached

CONVAL SEAT CUTTING TOOL.

Ref. JO: C24540-1

File: 1-OPX-300-V1

ISI: 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 Frank Pisarsky, Maint. Eng. Supervisor Date 11/3, 19 95
 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. have inspected the components described in this Owner's Report during the period 8-21-95 to 11-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. H. H. H. H. Commissions Mich 0055, END N&I
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 30, 19 95

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

NIS-2-061-95

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/13/95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C24553-05 R/R1297 thru 1300
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System BLOWDOWN ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-ABD-R5024 2 x 2 x 1/4 CS ANGLE	ENERGY & PROCESS CORP.	ASP# 17202	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
1-ABD-R5028 2 x 2 x 1/4 CS ANGLE	ENERGY & PROCESS CORP.	ASP# 17202	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
1-ABD-R5033 2 x 2 x 1/4 CS ANGLE	ENERGY & PROCESS CORP.	ASP# 17202	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
1-ABD-R5038 2 x 2 x 1/4 CS ANGLE	ENERGY & PROCESS CORP.	ASP# 17202	N/A	A36 (93a)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFIED SUPPORTS 1-ABD-R5024, R5028, R5033 AND R5038
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure N/A psi Test Temp. N/A °F

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

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C24553-05

DESIGN CHANGE: MM529

REPAIR/REPLACEMENT TRAVELLER: RR95-1297

ISI CLASS: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date Dec. 13 -, 1995
 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. have inspected the components described in this Owner's Report during the period 3-17-95 to 12-14-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions Michigan 0055, EN & NBI
 National Board, State, Province, Endorsements

Date December 14 1995

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

NIS-2-035-95

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09/22/95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C25542-01 R/R1389
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CONTAINMENT SPRAY ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-ACTS-R5304 2 x 2 x 1/4 CS TUBE STEEL	CONSOLIDATED POWER SUPPLY	ASP# 14361	N/A	A500-90 B	N/A	REPLACE- MENT	NO
1-ACTS-R5304 2' x 2' x 1/4 CS ANGLE	DUBOSE STEEL	ASP# 11779	N/A	A36-88C	N/A	REPLACE- MENT	NO
1-ACTS-R5304 3/8" x 2" U-BOLT W/ NUTS	GRINNELL CORP	ASP# 11875	N/A	SA-36 (89) U-BOLT SA563 GR A (89) NUTS	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL NEW SUPPORT 1-ACTS-R5304
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure N/A psi Test Temp. N/A °F

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

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C25542-01

DESIGN CHANGE: RFC3112

REPAIR/REPLACEMENT TRAVELLER: RR95-1389 ISI CLASS: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date SEPT. 27, 19 95
 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. have inspected the components described in this Owner's Report during the period 9-13-95 to 10-13-95, 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 [Signature] Commissions MICHIGAN ENGINE
 Inspector's Signature National Board, State, Province, Endorsements

Date October 13 19 95

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 09-03-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C25757-3 1-OMO-226
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-QMO-226	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
DISC	VELAN INC.	N/A	N/A	A-351 S/S GRADE CF8 STELLITE #6 M&E30043945 ASP# 15711	1986	REPLACE- MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED DISC DUE TO OVER THRUSTING OF ACTUATOR DURING
Applicable Manufacturer's Data Reports to be attached
DIAGNOSTIC TESTING.

Ref. JO:C25757-3

File: 1-QMO-226

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 4/17, 1995
 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. have inspected the components described in this Owner's Report during the period 9-8-94 to 2-27-95, 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 MI-10055, EDRNET
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date July 27 1995

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 08-27-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C25936-3 1-SI-138
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System BORON INJECTION
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SI-138 BODY SEATING SURFACE	EXISTING	N/A	N/A	SA-182 TY F-316	N/A	REPAIRED MACHINED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure psi 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.

- CONVAL SEAT CUTTING TOOL.

Ref. JO: C25936-3

File: 1-SI-138

ISI: 2

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 Frank Pisarsky, Maint. Eng. Supervisor Date 11/3, 1995
Owner or Owner's Designee, Title

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 6-25-95 to 11-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions Michigan 0055, END N&T
National Board, State, Province, Endorsements

Date November 30 19 75

***FACTORY MUTUAL ENGINEERING ASSOCIATION**



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-02-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C26261-1 1-FW-S2-U
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System FEEDWATER PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed. N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S2-U	GRINNELL CORP	N/A	N/A	SNUBBER M&E30024700 ASP # 16280	N/A	REPLACE- MENT	NO
CONTROL VALVE AND RESERVOIR	GRINNELL CORP	N/A	N/A	" A " KIT M&E30040551 ASP # 17864	N/A	REPLACE- MENT	NO
ROD EYE	GRINNELL CORP	N/A	N/A	M&E30024875 ASP # 12135	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☒ VT3 Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks INSTALLED CONFIGURATION " A " KIT IN NEW SNUBBER, REPLACED
Applicable Manufacturer's Data Reports to be attached

SNUBBER AND PISTON ROD EYE.

Ref. JO:C26261-1

File: 1-FW-S2-U

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/28, 1995
 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. have inspected the components described in this Owner's Report during the period 11-2-94 to 12-1-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. J. Mattingly Commissions Mich 0055, ENR NFI
 Inspector's Signature National Board; State, Province, Endorsements

Date December 1 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-26-95
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
 Name
One Cook Place, Bridgman, MI 49106 C26262-1 1-FW-S7
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System FEEDWATER PIPE SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed. N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S7	EXISTING	N/A	N/A	SNUBBER	N/A	REPAIRED	NO
CONTROL BLOCK & RESERVOIR	GRINNELL CORP	N/A	N/A	CONFIG. " A" KIT M&E30040551 ASP# 17633	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 N/A ☐ Other ☒ VT3/4 Pressure _____ psi. 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.



FORM NIS-2 (Back)

9. Remarks INSTALLED CONFIGURATION " A " KIT WHICH CONSIST OF A CONTROL
Applicable Manufacturer's Data Reports to be attached

VALVE BLOCK AND RESERVOIR PER MINOR MOD 300.

Ref. JO:C26262-1

File: 1-FW-S7

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/20, 1995
 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. have inspected the components described in this Owner's Report during the period 11-2-94 to 11-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. M. Antropoul Commissions Michigan 0055, ENR NFI
 Inspector's Signature National Board, State, Province, Endorsements

Date November 30 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-26-95
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 C26263-1 1-FW-S10-L
Address _____ Repair Org. P.O. No., Job No., etc _____
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
Same as #2 Expiration Date N/A
Address _____
4. Identification of System FEEDWATER PIPE SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed.; N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S10-L	EXISTING	N/A	N/A	SNUBBER	N/A	REPAIRED	NO
CONTROL BLOCK & RESERVOIR	GRINNELL CORP	N/A	N/A	CONFIG." A" KIT M&E30040551 ASP# 17633	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ Other ☒ VT3/4 Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks INSTALLED CONFIGURATION " A " KIT WHICH CONSIST OF A CONTROL
Applicable Manufacturer's Data Reports to be attached
VALVE BLOCK AND RESERVOIR PER MINOR MOD 300.

Ref. JO:C26263-1

File: 1-FW-S10-L

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/16, 1995
 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. have inspected the components described in this Owner's Report during the period 11-2-94 to 11-25-95, 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.

Mike Montenegro Commissions Michigan, EN, I, N, S, I
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 22 19 95

FORM 128-2 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 08-24-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C26265-1 1-GCS-S634
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CHEMICAL & VOLUME CONTROL SYSTEM PIPE SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 1983 Ed. N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GCS-S634	EXISTING	N/A	N/A	SNUBBER	N/A	REPAIRED	NO
CONTROL BLOCK & RESERVOIR	GRINNELL CORP	N/A	N/A	CONFIG. "A" KIT M&E30040550 ASP# 16665	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☐ VT3/4 Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks INSTALLED CONFIGURATION " A " KIT WHICH CONSIST OF A CONTROL
Applicable Manufacturer's Data Reports to be attached

VALVE BLOCK AND RESERVOIR PER MINOR MOD 300.

Ref. JO:C26265-1

File: 1-GCS-S634

ISI: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/1, 19 95
 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. have inspected the components described in this Owner's Report during the period 11-2-94 to 12-4-95, 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. K. Whittemore Commissions Michigan 0055, EN 9 NIT
 Inspector's Signature National Board, State, Province, Endorsements

Date December 4 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-28-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C26266-1 1-GCTS-S73-E
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CONTAINMENT SPRAY SYSTEM PIPE SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed. N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GCTS-S73E	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL BLOCK & RESERVOIR	GRINNELL CORP	N/A	N/A	CONFIG." A" KIT M&E30040551 ASP# 17633	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks).

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

N/A ☐ Other ☐ VT3/4 Pressure psi 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.

FORM NIS-2 (Back)

9. Remarks INSTALLED CONFIGURATION " A " KIT WHICH CONSISTS OF A CONTROL
Applicable Manufacturer's Data Reports to be attached

VALVE BLOCK AND RESERVOIR PER MINOR MOD 300.

Ref. JO:C26266-1

File: 1-GCTS-S73-E

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/28, 1995
 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. have inspected the components described in this Owner's Report during the period 11-2-94 to 11-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. J. [Signature] Commissions Michigan, ENR, NIT
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 30 19 95

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C26932-07

DESIGN CHANGE: N/A

REPAIR/REPLACEMENT TRAVELLER: RR95-1445

ISI CLASS: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date SEPT. 30, 1995
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. have inspected the components described in this Owner's Report during the period 9-12-95 to 10-13-95, 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 MR. M. H. M. H. M. H.Commissions MICHIGAN, END NBT
National Board, State, Province, EndorsementsDate October 13 1995

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 2-23-95 & 09-06-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C27166-10 & 16, C28804-5, 1-MCM-221
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System _____
5. (a) Applicable Const. Code ANSI B16.34 19 81Ed., N/A Add.N-416-1 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MCM-221	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
SHUT OFF ADAPTERS	FURMANITE	N/A	N/A	SA-479 GR.316 M&E30150004 ASP#15522	N/A	REPAIRED	NO
VALVE	EDWARD VALVES INC.	YV-65	N/A	SA-216 GRADE WCB M&E30038295 ASP# 17767	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure VT2
- N/A ☐ Other MT & RT Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks DRILLED AND TAPPED HOLES IN VALVE BODY, INSTALLED SHUT OFF
Applicable Manufacturer's Data Reports to be attached.

ADAPTERS AS A TEMPORARY REPAIR TO PRESSURE SEAL AREA PER JOB

ORDER C27166-10 & 16. REPLACED VALVE ON JOB ORDER C28804-5 DURING

UNIT #1 REFUELING OUTAGE. MAGNETIC PARTICLE AND X-RAY EXAMS WERE

PERFORMED ON ALL WELDS AND ACCEPTED. VT-2. SYSTEM LEAKAGE EXAM

WAS PERFORMED PER CODE CASE N-416-1 AND ACCEPTED.

Ref. JO: C27166-10 & 16 C28804-5 FILE: 1-MCM-221 ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/3, 1995
 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. have inspected the components described in this Owner's Report during the period 2-13-95 to 11-30-95, 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.

Frank Pisarsky Commissions Michoors, END NIS
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 30 1995

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

NIS-2-95-056

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/16/95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C27251-19 R/R1378 & 1382
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System COMPONENT COOLING WATER ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Ca
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamp (Yes or No)
1-GCCW-R25A	NO MATERIAL USED	ASP# N/A	N/A	N/A	N/A	PARTIAL REMOVAL	NO
1-GCCW-R229 6" SCH 40 CS PIPE	CONSOLIDATED POWER SUPPLY	ASP# 15844	N/A	SA106 GR B (92)	N/A	REPLACE- MENT	NO
1½"x 1½"x ¼" ANGLE	DUBOSE STEEL	ASP# 11209	N/A	A36 (87)	N/A	REPLACE- MENT	NO
3" SCH 40 CS PIPE	CONSOLIDATED POWER SUPPLY	ASP# 14030	N/A	SA106 GR B (91)	N/A	REPLACE- MENT	NO
1/4" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 16192	N/A	A36 (90)	N/A	REPLACE- MENT	NO
1/2" CS PLATE	ENERGY \$ PROCESS CORP	ASP# 17202	N/A	A36 (93a)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFIED SUPPORTS 1-GCCW-R25A AND R229
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☒ Other ☐ Pressure N/A psi Test Temp. N/A °F

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

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C27251-19

DESIGN CHANGE: RFC3112

REPAIR/REPLACEMENT TRAVELLER: RR95-1378

ISI CLASS: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Wayne Cretsinger, Senior Planner Date DEC. 11, 19 95
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. have inspected the components described in this Owner's Report during the period 6-13-95 to 12-13-95, 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

Commission's

National Board, State, Province, Endorsements

Date December 13 19 95

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

NIS-2-069-95

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/28/95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C27251-20 R/R1398 & 1399
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CONTAINMENT SPRAY ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GCTS-R19 2 x 2 x 1/2 CS ANGLE	DUBOSE STEEL	ASP# 11779	N/A	A36 (88c)	N/A	REPLACE- MENT	NO
1-GCTS-R24A 2 x 2 x 1/2 CS ANGLE	DUBOSE STEEL	ASP# 11779	N/A	A36 (88c)	N/A	REPLACE- MENT	NO
1-GCTS-R24A 3 x 3 x 1/2 CS ANGLE	CONSOLIDATED POWER SUPPLY	ASP# 15971	N/A	A36 (90)	N/A	REPLACE- MENT	NO
1-GCTS-R24A 5/8" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15052	N/A	A36 (90)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFIED SUPPORTS 1-GCTS-R19 AND 1-GCTS-R24A

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

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

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JO: C27251-20DESIGN CHANGE: RFC-3112REPAIR/REPLACEMENT TRAVELLER: RR95-1398ISI CLASS: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned Wayne Cretsinger, Senior Planner Date Dec. 28, 19 95
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. have inspected the components described in this Owner's Report during the period 7-17-95 to 1-2-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. J. Matusz Commissions MICH 0055 END NIT
Inspector's Signature National Board, State, Province, Endorsements

Date January 2 19 96

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

NIS-2-071-95

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/28/95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C27251-20 R/R1402
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System FEEDWATER ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GFW-R821 1/2" CS PLATE	ENERGY & PROCESS CORP.	ASP# 17202	N/A	A36 (93a)	N/A	REPLACE- MENT	NO
1-GFW-R821 1/2" CS PLATE	CONSOLIDATED POWER	ASP# 16017	N/A	A36 (91)	N/A	REPLACE- MENT	NO
1-GFW-R821 3/8" HILTI BOLTS	HILTI	ASP# 15993	N/A	HILTI KB II (92)	N/A	REPLACE- MENT	NO
1-GFW-R821 3 x 3 x 3/4 CS ANGLE	CONSOLIDATED POWER SUPPLY	ASP# 15971	N/A	A36 (90)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFIED SUPPORT 1-GFW-R821
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure N/A psi Test Temp. N/A °F

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

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C27251-20 .

DESIGN CHANGE: RFC-3112

REPAIR/REPLACEMENT TRAVELLER: RR95-1402

ISI CLASS: '2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

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

Date Dec. 28, 1945

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 7/17/95 to 11/2/95, 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 Milk COSS. END NET

National Board, State, Province, Endorsements

Date JANUARY 2 19 95

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

NIS-2-042-95

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09/30/95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C27251-31 R/R1408
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CONTAINMENT SPRAY ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component.	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CTS-6							
3" x 8" PIPE SADDLE LADISH FIG 57	DUBOSE NATIONAL ENERGY SERVICES	ASP# 18094	N/A	A403 WP304 (93)	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL NEW REINFORCEMENT PIPE SADDLE ON ISO 1-CTS-6
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure N/A psi Test Temp. N/A °F

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

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C27251-31

DESIGN CHANGE: RFC3112

REPAIR/REPLACEMENT TRAVELLER: RR95-1408

ISI CLASS: .2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date SEPT. 30, 19 95
 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. have inspected the components described in this Owner's Report during the period 8-17-95 to 10-11-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions Mich 2055, EN, D, N, E, I

National Board, State, Province, Endorsements

Date October 11 19 95

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

NIS-2-082-96

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/10/96
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2
Name
One Cook Place, Bridgman, MI 49106 C27333-06 R/R1327
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CONTAINMENT SPRAY ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCTS-R16 1/4 C.S. PLATE	CONSOLIDATED POWER SUPPLY	ASP# 14572	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GCTS-R16 2 x 2 x 1/4 C.S. TUBE STEEL	CONSOLIDATED POWER SUPPLY	ASP# 14361	N/A	A500 GR B (90)	N/A	REPLACE- MENT	NO
2-GCTS-R16 1/4 C.S. PLATE	CONSOLIDATED POWER SUPPLY	ASP# 16192	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GCTS-R16 5/8" C.S. PLATE	CONSOLIDATED POWER SUPPLY	ASP# 16017	N/A	A36 (91)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFIED SUPPORT 2-GCTS-R16
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure N/A psi Test Temp. N/A °F

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



FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C27333-06

DESIGN CHANGE: RFC-3113

REPAIR/REPLACEMENT TRAVELLER: RR95-1324

ISI CLASS: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Wayne Cretsinger, Senior Planner Date July 10, 1996
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 5/13/95 to 1/11/96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mike Mulvaney Commissions Mich 0055, ENCL N.E.T.
 Inspector's Signature National Board, State, Province, Endorsements

Date JANUARY 11 19 96

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 04-07-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C27496-1 1-CTS-119W
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CONTAINMENT SPRAY ADDITIVE
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CTS-119W	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
U-BOLT NUTS	NPS INDUSTRIES	N/A	N/A	A563 GR.A M&E30024112 ASP# 13582	1990	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED MISSING U-BOLT NUTS, EXISTING U-BOLT MET ALL
Applicable Manufacturer's Data Reports to be attached

SERVICEABILITY REQUIREMENTS AND WAS NOT REPLACED AT THIS TIME.

Ref. JO: C27496-1

File: 1-CTS-119W

ISI:2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 4/17, 1995
 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. have inspected the components described in this Owner's Report during the period 12-8-94 to 7-27-95, 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. J. Mironowicz Commissions MI-10055, ED INEL
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date July 27 1995

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 08-23-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C28118-1 1-GRC-S575
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System REACTOR COOLANT SYSTEM PIPE SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GRC-S575	EXISTING	N/A	N/A	SNUBBER	N/A	REPAIRED	NO
CONTROL BLOCK & RESERVOIR	GRINNELL CORP	N/A	N/A	CONFIG." A" KIT M&E30040551 ASP# 17633	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☐ VT3/4 Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks INSTALLED CONFIGURATION " A " KIT WHICH CONSIST OF A CONTROL
Applicable Manufacturer's Data Reports to be attached

VALVE BLOCK AND RESERVOIR PER MINOR MOD 300.

Ref. JO:C28118-1

File: 1-GRC-S575

ISI: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Date 12/1, 19 95
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. have inspected the components described in this Owner's Report during the period 2-22-95 to 12-4-95, 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.

Mike McCross Commissions MICROSS, ENR NCE
 Inspector's Signature National Board, State, Province, Endorsements

Date December 4 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-07-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C28340-1 1-NCR-252
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System PRIMARY WATER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-NCR-252	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
BONNET ASSEMBLY	WESTINGHOUSE	N/A	N/A	ASME SA-351 GRADE CF8 ASP # 17931	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure VT2

N/A ☐ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED BONNET ASSEMBLY PER DESIGN CHANGE 1-DCP-0801.
Applicable Manufacturer's Data Reports to be attached

VT-2 FUNCTIONAL EXAM WAS PERFORMED AND ACCEPTED.

Ref. JO:C28340-1

File: 1-NCR-252

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/28, 1995
 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. have inspected the components described in this Owner's Report during the period 5-30-95 to 12-1-95, 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. [Signature] Commissions Michigan 0055, EN, I, NEI
 Inspector's Signature National Board, State, Province, Endorsements

Date December 1 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

NIS-2-038-95

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09/26/95

Name

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

Sheet 1 of 2
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1

Name

One Cook Place, Bridgman, MI 49106
Address

C28909-04 R/R1432
Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A

Name

Same as #2
Address

Authorization No. N/A
Expiration Date N/A
4. Identification of System MAIN STEAM ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MS-135-2							
2" SCH 80 CS PIPE	RADNOR ALLOYS INC.	ASP# 14967	N/A	SA106 GR B (89)	N/A	REPLACE-MENT	NO
2" 600# CS SW GATE VALVE	VOGT	ASP# 15781	N/A	A105-87A Y200G36ZZO	N/A	REPLACE-MENT	NO

7. Description of Work REMOVE AND REPLACE EXISTING GATE VALVE 1-MS-135-2
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

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

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

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C28909-04

DESIGN CHANGE: MM404

REPAIR/REPLACEMENT TRAVELLER: RR95-1432

ISI CLASS: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned Wayne Cretsinger, Senior Planner
Owner or Owner's Designee, TitleDate SEPT. 20, 1995

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 9-1-95 to 11/7/95, 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.

Wayne Cretsinger
Inspector's Signature

Commissions Mich DVS, ENR, NBI
National Board, State, Province, Endorsements

Date November 7 1995

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 05-18-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C29187-2 1-GFW-L-867
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System FEEDWATER PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GFW-L-867	N/A	N/A	N/A	CARBON STEEL	N/A	REPAIRED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☒ VT3/4 Pressure psi 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.

FORM NIS-2 (Back)

9. Remarks CUT PIPE SUPPORT TO PROVIDE AN 1/2" GAP BETWEEN STRUCTURAL
Applicable Manufacturer's Data Reports to be attached

MEMBER AND PIPE TO REDUCE VIBRATION AS PER ENERG. MEMO.

VT 3/4 EXAM WAS PERFORMED AN ACCEPTED.

Ref. JO: C29187-2

File: 1-GFW-L-867

ISI: 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 Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 1995
 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. have inspected the components described in this Owner's Report during the period 4/17/95 to 11/3/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. J. Waters
 Inspector's Signature

Commissions MILWAUKEE ENDORSE
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 3 1995

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 06-21-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C29448-2 1-SI-115N
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System SAFETY INJECTION
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SI-115N	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPAIRED VALVE SEATING SURFACE USING A CONVAL SEAT CUTTING TOOL.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C29448-2

File: 1-SI-115N

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 16/13, 1995
 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. have inspected the components described in this Owner's Report during the period 6-21-95 to 10-31-95, 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. Mutuspaugh
 Inspector's Signature

Commissions MILWAUKEE, ENGR

National Board, State, Province, Endorsements

Date Oct 31 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

1. Owner INDIANA MICHIGAN POWER COMPANY Date 07-07-95
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
 Name
One Cook Place, Bridgman, MI 49106 C30382-3 1-MRV-213
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 1983Ed. N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MRV-213	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
PILOT PLUG	FISHER CONTROLS INT.	N/A	N/A	SA-564. GRADE 630 M&E30040007 ASP #16565	1992	REPLACE- MENT	NO
MAIN PLUG	FISHER CONTROLS INT.	N/A	N/A	ASME SA-479 TYPE 316L M&E30040030 ASP # 12097	N/A	REPLACE- MENT	NO
CAGE	FISHER CONTROLS INT.	N/A	N/A	ASTM A747 M&E30039866 ASP # 16211	1992	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☒ Other ☐ Pressure psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED TRIM ASSEMBLY CONSISTING OF PILOT PLUG, MAIN PLUG AND
Applicable Manufacturer's Data Reports to be attached

CAGE DUE TO NORMAL WEAR.

Ref. JO: C30382-3

File: 1-MRV-213

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/4, 1995
 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. have inspected the components described in this Owner's Report during the period 6-13-95 to 11-27-95, 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.

Mike M. [Signature] Commissions Mich 0055, End NIT
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 27 1995

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 09-01-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C31878-3 1-CCW-135
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System COMPONENT COOLING WATER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CCW-135	MARLIN VALVES	N/A	N/A	A-216-WCB M&E30041820 ASP# 3212	1980	REPLACE- MENT	NO
STUDS AND NUTS	CONSOLIDATED POWER SUPPLY	N/A	N/A	STUDS ASME SA-193 GRADE B7 NUTS ASME SA-194 GRADE 2H M&E30028965 ASP# 13558	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ VT2
N/A ☐ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED VALVE AND FASTENER MATERIAL DUE TO NORMAL WEAR.
Applicable Manufacturer's Data Reports to be attached
VT-2 INSERVICE EXAM WAS PERFORMED AND ACCEPTED.

Ref. JO:C31878-3

File: 1-CCW-135

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/16, 1995
 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. have inspected the components described in this Owner's Report during the period 2-18-95 to 11-22-95, 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. E. Winterhagen Commissions Mich 0035, EN & NFI
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 28 1995

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 09-11-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C31906-1 1-XCR-103
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CONTROL AIR
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-XCR-103	EXISTING	N/A	N/A	CARBON STEEL	N/A	REPAIRED MACHINED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☐ PT Pressure _____ psi 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.



FORM NIS-2 (Back)

9. Remarks MACHINED BONNET GASKET SEATING SURFACES TO REMOVE PITTING.
Applicable Manufacturer's Data Reports to be attached

LIQUID PENETRANT EXAMINATION WAS PERFORMED ON ALL MACHINED
SURFACES AND ACCEPTED.

Ref. JO: C31906-1

File: 1-XCR-103

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 19 95
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. have inspected the components described in this Owner's Report during the period 9-11-95 to 11-16-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.A. Matusz Commissions Michigan, ENR NEE
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 16 19 95

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 08-30-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C32155-1 1-FW-S8-U
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System FEEDWATER PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed.; N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S8-U	GRINNELL CORP	N/A	N/A	SNUBBER M&E30024700 ASP # 17487	N/A	REPLACE- MENT	NO
ROD EYE	GRINNELL CORP	N/A	N/A	M&E30024875 ASP.# 12135	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

N/A ☐ Other ☐ VT3 Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED SNUBBER PER MINOR MOD MM-300, ALSO REPLACE PISTON ROD
Applicable Manufacturer's Data Reports to be attached

EYE.

Ref. JO:C32155-1

File: 1-FW-S8-U

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/28, 1995
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. have inspected the components described in this Owner's Report during the period 8-25-95 to 12-1-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions Michigan 0055, EN & NIE
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date December 1 19 95



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 08-30-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C32163-2 1-FW-S8-L
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System FEEDWATER PIPE SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed; N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S8-L	EXISTING	N/A	N/A	SNUBBER	N/A	REPAIRED	NO
CONTROL BLOCK & RESERVOIR	GRINNELL CORP	N/A	N/A	CONFIG." A" KIT M&E30040551 ASP# 17864	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ Other VT3/4 Pressure psi 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.

FORM NIS-2 (Back)

9. Remarks INSTALLED CONFIGURATION " A " KIT WHICH CONSIST OF A CONTROL
Applicable Manufacturer's Data Reports to be attached

VALVE BLOCK AND RESERVOIR PER MINOR MOD 300.

Ref. JO:C32163-2

File: 1-FW-S8-L

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/20, 19 95
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. have inspected the components described in this Owner's Report during the period 8-28-95 to 11-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions Michigan, ENR, NIT

National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 30 19 95

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 10-30-95
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 C32590-2 1-GFW-L-178
Address _____ Repair Org. P.O. No., Job No., etc _____
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
Same as #2 Expiration Date N/A
Address _____
4. Identification of System FEEDWATER PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GFW-L-178	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
NUT	CARDINAL INDUSTRIAL PRODUCTS CO.	N/A	N/A	ASME SA-194 GRADE 2H M&E30211910 ASP # 17691	1986	REPLACE-MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED MISSING PIPE CLAMP LOAD BOLT NUT.
 Applicable Manufacturer's Data Reports to be attached

Ref. JO: C32590-2

File: 1-GFW-L-178

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/4, 1995
 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. have inspected the components described in this Owner's Report during the period 9-11-95 to 11-17-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions Michigan, End NIS-1

National Board, State, Province, Endorsements

Date November 17 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-16-95
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
 Name
One Cook Place, Bridgman, MI 49106 C32691-1 1-HE-18W
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System CONTAINMENT SPRAY
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-HE-18W PIPE SADDLE	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 N/A ☐ Other ☒ PT Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks POROSITY SURFACE INDICATIONS ON THE WELD TO THE REINFORCING
Applicable Manufacturer's Data Reports to be attached

SADDLE WERE REMOVED BY GRINDING. LIQUID PENETRANT EXAM WAS
PERFORMED ON THE EXCAVATIONS AND ACCEPTED. NO WELDING WAS
REQUIRED ON THE EXCAVATED AREAS.

Ref. JO: 1-HE-18W

File: C32691-1

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 19 95
 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. have inspected the components described in this Owner's Report during the period 9-12-95 to 11-16-95, 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.

Mike Mutum
 Inspector's Signature

Commissions Mich 0055, ENR NSE
 National Board, State, Province, Endorsements

Date November 16 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-05-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R5530-1 1-SV-105E
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-105E	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
BOLTS	CARDINAL INDUSTRIAL PRODUCTS	N/A	N/A	ASME SA-193 GRADE B-7 M&E30211310 ASP# 15841	N/A	REPLACE-MENT	NO
NUTS	MACKSON INC.	N/A	N/A	SA-194 GRADE 2H M&E30211880 ASP# 15344	1989	REPLACE-MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☒ Other ☐ Pressure _____ psi 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.



FORM NIS-2 (Back)

9. Remarks REPLACED UNIDENTIFIABLE SAFETY VALVE FLANGE FASTENERS.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R5530-1

File: 1-SV-105E

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 1995
 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. have inspected the components described in this Owner's Report during the period 7/5/95 to 11/3/95, 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 [Signature]
 Inspector's Signature

Commissions MICHOSS, ENDET

National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 3 1995

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 08-24-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R20836-5 1-PP-50W
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-PP-50W	EXISTING	N/A	N/A	PUMP CASING SA-266 CL.1	N/A	REPAIRED	NO
CLADDING	EXISTING	N/A	N/A	ER-308	N/A	REPAIRED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ Other ☐ PT Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks. REPIARED STAINLESS STEEL CLADDING MATERIAL ON PUMP INTERNALS.
Applicable Manufacturer's Data Reports to be attached

LIQUID PENETRANT EXAMS WERE PERFORMED ON ALL EXCAVATIONS AND
ALL FINAL WELDS AND ACCEPTED.

Ref. JO: R20836-5

File: 1-PP-50W

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/16, 19 95
 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. have inspected the components described in this Owner's Report during the period 7-31-95 to 11-27-95, 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 McLoose, END N.E.
 National Board, State, Province, Endorsements

Date November 27 19 95 *FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-05-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R22402-1 1-GCTS-S73-E
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CONTAINMENT SPRAY SYSTEM PIPE SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GCTS-S73E	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
TAPERED LOAD PIN	GRINNELL CORP	N/A	N/A	SA-193 GRADE B7 M&E30024977 ASP# 15148	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

N/A ☐ Other ☐ VT3/4 Pressure psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED TAPERED LOAD PIN DUE TO NORMAL WEAR.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R22402-1

File: 1-GCTS-S73-E

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/16, 1995
 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. have inspected the components described in this Owner's Report during the period 9-6-95 to 11-2-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature [Signature]

Commissions MASS. ENR. N.B.
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 28 1995

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 09-22-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R35010-2 1-PCR-40
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System PLANT AIR
5. (a) Applicable Const. Code ANSI B31.1 1983Ed. N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-PCR-40	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
TRIM ASSEMBLY	COPESE-VULCAN	N/A	N/A	ASTM A-479 M&E30036073 ASP# 15939	1992	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED TRIM ASSEMBLY DUE TO NORMAL WEAR.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R35010-2

File: 1-PCR-40

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/20, 1995
 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. have inspected the components described in this Owner's Report during the period 9-2-94 to 12-1-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.R. Muttersbaugh Commissions Michigan 0055, ENR NFI
 Inspector's Signature National Board, State, Province, Endorsements

Date December 1, 1995

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-30-95
 Name
 P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
 Name
 One Cook Place, Bridgman, MI 49106 C33062-2 & 3 1-OME-1
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name
 Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed. N/A Add. N/A Code Case N-416-1 R/M 1-11-96
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
 Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-OME-1	EXISTING	N/A	N/A	N/A	N/A	REPAIR	NO
FLANGE	CONSOLIDATED PIPE & VALVE	N/A	N/A	ASME SA-183 GR. F304. M&E30022132 ASP # 7544	N/A	REPLACE-MENT	NO
6" SCH. 40 PIPE	RADNON ALLOY	N/A	N/A	ASME SA-376 TYPE 304 M&E30016780 ASP # 12775	N/A	REPLACE-MENT	NO
BOLTS	DUBOSE STEEL INC.	N/A	N/A	ASME SA-453 GRADE 660 M&E30047136 ASP # 13679	N/A	REPLACE-MENT	NO
NUTS	NOVA MACHINE PRODUCTS	N/A	N/A	ASME SA194 GRADE 8FA ME30212100 ASP #17501	N/A	REPLACE-MENT NO	

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure VT2
- N/A ☐ Other ☒ Pressure SEE REMARKS psi 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.

FORM NIS-2. (Back).

9. Remarks INSTALLED A 6" FLANGED BRANCH CONNECTION TO THE 24" S.I. LINE TO
Applicable Manufacturer's Data Reports to be attached

BE USED AS A CLEAN OUT LINE.** VT,PT AND X-RAY EXAMS WERE
PERFORMED AND ACCEPTED. VT-2 SYSTEM LEAKAGE EXAM WAS PERFORMED
PER CODE CASE N-416-1 AND ACCEPTED.

Ref. JO: C33062 -2 & 3 File: 1-OME-1

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 1/5, 1996
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7/28/95 to 1/5/96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions MICH 0055, ENR NFI

National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date January 5 19 96

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-16-95
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
 Name
One Cook Place, Bridgman, MI 49106 R35160-2, 11 & 14 1-CCW-440.
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System COMPONENT COOLING WATER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
I-CCR-440	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
BODY AND BONNET	EXISTING	N/A	N/A	ASTM A-216 GRADE WCB	N/A	REPAIRED	NO
PLUG	NELES-JAMESBURY	N/A	N/A	ASTM A-582 TYPE 416 M&E30040938 ASP #14557	1991	REPLACE-MENT	NO
SEAT RING	NELES-JAMESBURY	N/A	N/A	ASTM A-582 TYPE 416 M&E30041203 ASP#18102	1994	REPLACE-MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

N/A ☐ Other ☐ PT Pressure psi 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.

FORM NIS-2 (Back)

9. Remarks REPAIRED PITTED SURFACES BY WELDING BODY AND BONNET GASKET
Applicable Manufacturer's Data Reports to be attached

SEATING SURFACES AND MACHINING TO MANUFACTURES DEMENSIONS.

PT EXAM WAS PERFORMED ON WELDED AREAS PRIOR TO MACHINING AND
ALSO ON ALL MACHINED AREAS AND ACCEPTED. ALSO REPLACED PLUG AND
SEAT RING.

Ref. JO: R35160-2,11 & 14 File: 1-CCR-440

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/16, 1995
 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. have inspected the components described in this Owner's Report during the period 7-1-95 to 11-27-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
 Inspector's Signature

Commissions Michigan, ENR, NBT
 National Board, State, Province, Endorsements

Date November 27 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-03-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R35168-2 & 09 1-CCR-441
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System COMPONENT COOLING WATER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CCR-441	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
BODY AND BONNET	EXISTING	N/A	N/A	ASTM A-216 GRADE WCB	N/A	REPAIRED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☒ PT Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPAIRED PITTED SURFACES BY WELDING BODY AND BONNET GASKET
Applicable Manufacturer's Data Reports to be attached

SEATING SURFACES AND MACHINING TO MANUFACTURES DEMENSIONS.

PT EXAM WAS PERFORMED ON WELDED AREAS PRIOR TO MACHINING AND

ALSO ON ALL MACHINED AREAS AND ACCEPTED.

Ref. JO: R35168-2 & 09 File: 1-CCR-441

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/4, 1995
 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. have inspected the components described in this Owner's Report during the period 9-1-95 to 11-17-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. H. Hutterbaugh
 Inspector's Signature

Commissions ARKWRIGHT, ENR & NBE
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 17 1995

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 08-31-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R35169-2 1-CCR-460
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System COMPONENT COOLANT WATER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CCR-460	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
VALVE PLUG	ITT HAMMEL DAHL	N/A	N/A	ASTM A-582 M&E30041007 ASP# 326	N/A	REPLACE-MENT	NO
BONNET	NELES JAMESBURY	N/A	N/A	ASME SA-105 ASP# 18156	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure VT2
N/A ☐ Other ☐ Pressure psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED VALVE BONNET AND PLUG DUE TO NORMAL WEAR.
 Applicable Manufacturer's Data Reports to be attached

VT-2 INSERVICE EXAM WAS PERFORMED AND ACCEPTED.

Ref. JO: R35169-2 File: 1-CCR-460 ISI:2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 19 95
 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. have inspected the components described in this Owner's Report during the period 11-2-94 to 11-3-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. R. Matusz Commissions Michigan, End N&T
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 3 19 95



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 09-03-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R35187-2 1-CCR-462
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System COMPONENT COOLANT WATER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1-CCR-462	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
BONNET	NELES JAMESBURY	N/A	N/A	ASME SA-105 ASP# 18156	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted; Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure VT2
N/A ☐ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED VALVE BONNET DUE TO NORMAL WEAR.
 Applicable Manufacturer's Data Reports to be attached

VT-2 INSERVICE EXAM WAS PERFORMED AND ACCEPTED.

Ref. JO: R35187-2 File: 1-CCR-462 ISI:2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 19 95
 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. have inspected the components described in this Owner's Report during the period 3-31-95 to 11-16-95, 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. Waterspaul Commissions Mich 0055; EN & NFI
 Inspector's Signature National Board, State, Province, Endorsements

Date November 16 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-18-95
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
 Name
One Cook Place, Bridgman, MI 49106 R35256-2 & 11 1-CCR-457.
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System COMPONENT COOLING WATER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CCR-457	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
BONNET	EXISTING	N/A	N/A	ASTM A-216 GRADE WCB	N/A	REPAIRED	NO
PLUG	EXISTING	N/A	N/A	416 S/S	N/A	REPAIRED MACHINED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ Other ☐ PT Pressure psi 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.

FORM NIS-2 (Back)

9. Remarks REPAIRED PITTED SURFACES BY WELDING BONNET GASKET
Applicable Manufacturer's Data Reports to be attached

SEATING SURFACES AND MACHINING TO MANUFACTURES DEMENSIONS.

PT EXAM WAS PERFORMED ON WELDED AREAS PRIOR TO MACHINING AND
ALSO ON ALL MACHINED AREAS AND ACCEPTED. MACHINED VALVE PLUG
TO REMOVE PITTING, PT EXAM WAS PERFORMED AND ACCEPTED ON PLUG.

Ref. JO: R35256-2 & 11 File: 1-CCR-457

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/3, 1995
 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. have inspected the components described in this Owner's Report during the period. 8-24-95 to 11-30-95, 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. W. J. WINTERMAUGH Commissions Michigan 0055, END NFI
 Inspector's Signature National Board, State, Province, Endorsements

Date November 30 1995

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-03-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R35293-2 & 11 1-CCR-456
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System COMPONENT COOLING WATER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed.; N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CCR-456	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
BODY AND BONNET	EXISTING	N/A	N/A	ASTM A-216 GRADE WCB	N/A	REPAIRED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☒ PT Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPAIRED PITTED SURFACES BY WELDING BODY AND BONNET GASKET
Applicable Manufacturer's Data Reports to be attached

SEATING SURFACES AND MACHINING TO MANUFACTURES DEMENSIONS.

PT EXAM WAS PERFORMED ON WELDED AREAS PRIOR TO MACHINING AND

ALSO ON ALL MACHINED AREAS AND ACCEPTED.

Ref. JO: R35293-2 & 11 File: 1-CCR-456

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 19 95
 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. have inspected the components described in this Owner's Report during the period 9-5-95 to 11-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. J. [Signature] Commissions Michigan 0055, ENDS I
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 28 19 95

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 09-06-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 ^{5 R4 12-1-95} R39295-2 & 11 1-CCR-455
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System COMPONENT COOLING WATER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CCR-455	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
BODY AND BONNET	EXISTING	N/A	N/A	ASTM A-216 GRADE WCB	N/A	REPAIRED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ Other ☐ PT Pressure psi 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.

FORM NIS-2 (Back)

9. Remarks REPAIRED PITTED SURFACES BY WELDING BODY AND BONNET GASKET
Applicable Manufacturer's Data Reports to be attached

SEATING SURFACES AND MACHINING TO MANUFACTURES DEMENSIONS.

PT EXAM WAS PERFORMED ON WELDED AREAS PRIOR TO MACHINING AND

ALSO ON ALL MACHINED AREAS AND ACCEPTED.

Ref. JO: R35295-2 & 11 File: 1-CCR-455

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/3, 1995
 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. have inspected the components described in this Owner's Report during the period 9-5-95 to 11/30/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Michael S. Nichols, ENG. N.E.I. Commissions Michigan, ENG. N.E.I.
 Inspector's Signature National Board, State, Province, Endorsements

Date November 30, 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-14-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R36477-3 1-FW-118-1
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System FEEDWATER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-118-1	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
STUD & NUT	NOVA MACHINE PRODUCTS CO.	N/A	N/A	STUD: ASME SA-193 GRADE B7 NUT: ASME SA-194 GRADE 2H M&E3-029939 ASP# 17483	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED BONNET TO BODY STUD AND NUT DUE TO GAULLED THREADS.
Applicable Manufacturer's Data Reports to be attached

THE STUD AND NUT, BOTH WERE SUPPLIED PER M&E# 30-029939. THE NUT
WAS NOT SUPPLIED PER M&E#30-211970 AS STATED ON R/R TRAVELER.

Ref. JO:R35477-3

File: 1-FW-118-1

ISI:2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/8, 19 95
 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. have inspected the components described in this Owner's Report during the period 8/30/95 to 11/17/95, 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.

Mike Muthaupt Commissions Michigan, EN&NPI
 Inspector's Signature National Board, State, Province, Endorsements

Date November 17 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-29-95
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
 Name
One Cook Place, Bridgman, MI 49106 R35491-2 1-N-158
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System NITROGEN (REACTOR PLANT SERVICE)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed. N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-N-158	EXISTING	N/A	N/A	IN BODY SEAT SA-479 XM19H	N/A	REPAIRED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 N/A ☒ Other ☐ Pressure _____ psi 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.

9. Remarks REMOVED MINOR DEFECTS FROM IN BODY SEATING SURFACE USING A
Applicable Manufacturer's Data Reports to be attached

CONVAL SEAT CUTTING TOOL.

Ref. JO:R35491-2

File:1-N-158

ISI: 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 Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 1995
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. have inspected the components described in this Owner's Report during the period 8-29-95 to 11-17-95, 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: Michooss, End Nt'I
National Board, State, Province, Endorsements

Date November 17 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-04-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R36021-1 1-ORV-200
Address Repair Org., P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-QRV-200	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
PLUG	MASONEILAN INTERNATIONAL INC.	N/A	N/A	SA-276 TYPE 316 M&E30042035 ASP# 278	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED VALVE PLUG DUE TO NORMAL WEAR.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R36021-1

File: 1-ORV-200

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/4, 1995
 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. have inspected the components described in this Owner's Report during the period 11-2-94 to 11-17-95, 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.

Mark Winterpugh Commissions Mich 0055, END N.E.I.
 Inspector's Signature National Board, State, Province, Endorsements

Date November 17 1995

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-25-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R36121-1 1-ORV-251
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-ORV-251	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
TRIM ASSEMBLY	COPE'S VULCAN INC.	N/A	N/A	316 S/S M&E30036160 ASP# 4281	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED TRIM ASSEMBLY DUE TO NORMAL WEAR.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R36121-1

File: 1-ORV-251

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/3, 1995
 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. have inspected the components described in this Owner's Report during the period 11-2-95 to 11-29-95, 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 MA, MD, MS, END NFI
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 29 19 95

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 09-16-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R36615-9,11 & 13 1-MRV-230
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 1983Ed., N/A Add. N-416-1 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MRV-230	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
VENT PIPING	EXISTING	N/A	N/A	SA-216 GRADE WCB	N/A	REMOVED & REINSTALL	NO
STUDS	ATWOOD AND MORRILL CO.	N/A	N/A	ASME SA-193 GRADE B7 M&E30034460 ASP# 15332	1989	REPLACE-MENT	NO
NUTS	ATWOOD AND MORRILL CO.	N/A	N/A	ASME SA-194 GRADE 7 M&E30034422 ASP# 14948	1971	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ VT2
- N/A ☐ Other ☒ MT/PT Pressure psi 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.



FORM NIS-2 (Back)

9. Remarks REMOVED AND REINSTALLED VENT PIPING, MAGNETIC PARTICLE AND
Applicable Manufacturer's Data Reports to be attached

X-RAY EXAMS WERE PERFORMED ON FINAL WELD AND ACCEPTED. ALSO

REPLACED DAMAGED BODY TO BONNET FASTENERS. VT-2 SYSTEM LEAKAGE

EXAM WAS PERFORMED PER CODE CASE N-416-1 AND ACCEPTED.

Ref. JO:R36615-09,11 & 13

File: 1-MRV-230

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/4, 1995
 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. have inspected the components described in this Owner's Report during the period 8-11-95 to 11-17-95, 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.

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

Date November 17 1995

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-31-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R36965-2 1-ECR-36
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2. Expiration Date N/A
Address
4. Identification of System RADIATION MONITORING
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-ECR-36	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
NUTS	ITT ENGINEERED VALVES	N/A	N/A	ASME SA-194 GRADE 8 M&E30040588 ASP# 18105	1986	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED MIS-MATCHED BODY TO BONNET NUTS.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R36965-2

File: 1-ECR-36

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 1995
 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. have inspected the components described in this Owner's Report during the period 7/22/95 to 11/17/95, 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 Mutinough Commissions Mich 0055, ENR N&I
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 17 1995

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 08-22-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R37838-2 1-ORV-160
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System LETDOWN (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-QRV-160	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
TRIM ASSEMBLY	COPE'S VULCAN INC.	N/A	N/A	ASME SA-564 GR.630 M&E30036134 ASP# 17516	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☒ Other ☐ Pressure _____ psi. 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.

FORM NIS-2 (Back)

9. Remarks REPLACED TRIM ASSEMBLY CONSISTING OF ONE EACH, PLUG, CAGE, STEM
Applicable Manufacturer's Data Reports to be attached

AND PIN PER RECURRING TASK.

Ref. JO: R37838-2

File: 1-ORV-160

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/13, 19 95
 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. have inspected the components described in this Owner's Report during the period 11-7-94 to 11-17-95, 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.

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

Date November 17 19 95

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-01-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R48721-1 1-SV-3-2
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-3-2	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GRADE 616 M&E30037728 ASP#16182	1992	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED SAFETY VALVE DISC WHICH IS REQUIRED UPON DISASSEMBLY.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R48721-1

File: 1-SV-3-2

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/16, 1995
 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. have inspected the components described in this Owner's Report during the period 2-11-95 to 11-22-95, 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.

Mike Matusz Commissions Mich 0055, ENRNI
 Inspector's Signature National Board, State, Province, Endorsements

Date November 28 1995

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-01-95
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 R48723-1 1-SV-2A-3
Address Repair Org. P.O. No., Job No., etc _____
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
Same as #2 Expiration Date N/A
Address _____
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-2A-3	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GRADE 616 M&E30037728 ASP#16182	1992	REPLACE- MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED SAFETY VALVE DISC WHICH IS REQUIRED UPON DISASSEMBLY.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R48723-1

File: 1-SV-2A-3

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/3, 1995
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. have inspected the components described in this Owner's Report during the period 8-11-95 to 11-29-95, 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.

Mike M. Thompson Commissions MICH. 0275, ENR. 112
Inspector's Signature National Board, State, Province, Endorsements

Date November 29 1995

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-05-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R48726-1 1-SV-1A-4
Address Repair Org., P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed. N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-1A-4	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GRADE 616 M&E30037728 ASP#16182	1992	REPLACE- MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED SAFETY VALVE DISC WHICH IS REQUIRED UPON DISASSEMBLY.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R48726-1

File: 1-SV-1A-4

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/1, 1995
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. have inspected the components described in this Owner's Report during the period 8-11-95 to 12-4-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions Michigan 0055, E.N.I.
National Board, State, Province, Endorsements

Date December 4 19 95

***FACTORY MUTUAL ENGINEERING ASSOCIATION**

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-06-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R48728-1 1-SV-2B-4
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-2B-4	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GRADE 616 M&E30037728 ASP#16182	1992	REPLACE-MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED SAFETY VALVE DISC. WHICH IS REQUIRED UPON DISASSEMBLY.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R48728-1

File: 1-SV-2B-4

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/3, 1995
 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. have inspected the components described in this Owner's Report during the period 2-11-95 to 11-27-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature [Signature]Commissions Michigan, ENPNCI

National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 27 1995

ASME CODE XI REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-13-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R48730-1 1-SV-3-4
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-3-4	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GRADE 616 M&E30037728 ASP#16182	1992	REPLACE-MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

N/A ☒ Other ☐ Pressure _____ psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED SAFETY VALVE DISC WHICH IS REQUIRED UPON DISASSEMBLY.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R48730-1

File: 1-SV-3-4

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 4/3, 1995
 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. have inspected the components described in this Owner's Report during the period 8-11-95 to 11-29-95, 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.

Mark W. L. [Signature]
 Inspector's Signature

Commissions Michigan, ENR 1456
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 29 19 95

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 09-11-95
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R48719-1 1-SV-3-1
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-3-1	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GRADE 616 M&E30037728 ASP#16182	1992	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure psi 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.

FORM NIS-2 (Back)

9. Remarks REPLACED SAFETY VALVE DISC WHICH IS REQUIRED UPON DISASSEMBLY.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R48719-1

File: 1-SV-3-1

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/3, 1995
 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. have inspected the components described in this Owner's Report during the period 8-11-95 to 11-29-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. R. Whittemore Commissions Mich. 2055, En. N.Y.I.
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 29 19 95