

AMERICAN ELECTRIC POWER COMPANY  
DONALD C. COOK NUCLEAR PLANT, BRIDGMAN MI.  
UNIT 2 COMMERCIAL SERVICE DATE 7-1-1978  
NATIONAL BOARD NUMBER 1

INTRODUCTION

This report summarizes the Inservice Inspection activities performed at the Cook Nuclear Plant, Unit 2, for the period of December 12, 1994 through May 9, 1996. These activities were performed in accordance with the requirements of the ASME Boiler and Pressure Vessel Code, Section XI, Rules for Inservice Inspection of Nuclear Power Plant Components. As of July 1, 1986, the second ten-year inspection interval began and the applicable code for ISI activities then became the 1983 edition through the summer 1983 addenda.

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

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

9608120102 960805  
PDR ADDCK 05000316  
G PDR

**THIS REPORT CONSISTS OF 54 SUPPLEMENTAL PAGES**

**FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTION**

As required by the Provisions of the ASME Code Rules

1. Owner American Electric Power Co., 1 Riverside Plaza, Columbus Ohio 43215-6631  
(Name and Address of Owner)

2. Plant Donald C. Cook Nuclear Plant, One Cook Place, Bridgman, Mi. 49106  
(Name and Address of Plant)

3. Plant Unit Two 4. Owner Certification of Authorization (if required) N/A

5. Commercial Service Date 07/01/78 6. National Board Number for Unit 1 (Mich. M-324232-M)

**7. Components Inspected**

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

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 12/12/94 to 05/09/96 9. Inspection Interval from 07/01/86 to 07/01/96

10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval.

See Attached

11. Abstract of conditions noted.

See Attached

12. Abstract of Corrective Measures Recommended and Taken

See Attached

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI. 1983 Edition w/Summer 1983 Addenda

Date 8/7/96 19 96 Signed American Electric Power By Frank Pisarsky  
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 Ackworth Mutual Ins. Co. of Walpole, Ma. have inspected the components described in this Owner's Report during the period 12/12/94 to 05/09/96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date August 7 19 96

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

AMERICAN ELECTRIC POWER COMPANY  
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REACTOR VESSEL AUTOMATED ULTRASONIC EXAMINATIONS

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

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

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

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

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

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



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

PAGE: 2

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	R
-----	-----	-----	-----	-----	-	-	-----

VESSEL CIRCUMFERENTIAL WELDS (FIG NO A-1)

000100	2-RPV-B	B-A	AUT0L	DCC-AUT15/1/0/1	X	-	-	SWRI
	UPPER SHELL TO MIDDLE SHELL	B1.11	AUT45		X	-	-	
			AUT55		X	-	-	
			AUT55T		X	-	-	
			AUTSLIC40		X	-	-	**RV-1/11-CSCL-5-DCC**
			AUTSLIC40T		X	-	-	

000200	2-RPV-C	B-A	AUT0L	DCC-AUT15/1/0/1	X	-	-	SWRI
	MIDDLE SHELL TO LOWER SHELL	B1.11	AUT45		X	-	-	
			AUT55		X	-	-	
			AUT55T		X	-	-	
			AUTSLIC40		X	-	-	**RV-1/11-CSCL-5-DCC**
			AUTSLIC40T		X	-	-	

000300	2-RPV-D	B-A	AUT0L	DCC-AUT15/1/0/1	X	-	-	SWRI
	LOWER SHELL TO LOWER HEAD	B1.11	AUT45		X	-	-	
			AUT55		-	X	-	
			AUT55T		X	-	-	
			AUTSLIC40		-	X	-	**RV-3/11-CSCL-5-DCC**
			AUTSLIC40T		X	-	-	
			AUTSLIC40	SWRI-AUT2/8/0/0	X	-	-	
			AUTSLIC30		X	-	-	

VESSEL LONGITUDINAL WELDS (FIG NO A-1)

000400	2-RPV-VA1	B-A	AUT0L	DCC-AUT15/1/0/1	X	-	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	UPPER SHELL AT 22 DEG.	B1.12	AUT55		X	-	-	OUTLET NOZZLE INTEGRAL EXTENSION.
			AUT55T		X	-	-	
			AUTSLIC40		X	-	-	
			AUTSLIC40T		X	-	-	**11-CSCL-5-DCC**

000500	2-RPV-VA2	B-A	AUT0L	DCC-AUT15/1/0/1	X	-	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	UPPER SHELL AT 113 DEG.	B1.12	AUT55		X	-	-	INLET NOZZLE.
			AUT55T		X	-	-	
			AUTSLIC40		X	-	-	
			AUTSLIC40T		X	-	-	**11-CSCL-5-DCC**

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

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

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

VESSEL LONGITUDINAL WELDS (FIG NO A-1)

000600	2-RPV-VA3 UPPER SHELL AT 247 DEG.	B-A B1.12	AUTOL AUT55 AUT55T AUTSLIC40 AUTSLIC40T	DCC-AUT15/1/0/1	X	-	-	SWRI - LIMITED EXAM DUE TO INLET NOZZLE.
					X	-	-	
					X	-	-	
					X	-	-	
					X	-	-	**11-CSCL-5-DCC**
000700	2-RPV-VB1 MIDDLE SHELL AT 170 DEG.	B-A B1.12	AUTOL AUT55 AUT55T AUTSLIC40 AUTSLIC40T	DCC-AUT15/1/0/1	X	-	-	SWRI
					X	-	-	
					X	-	-	
					X	-	-	
					X	-	-	**RV-1/11-CSCL-5-DCC**
000800	2-RPV-VB2 MIDDLE SHELL AT 350 DEG.	B-A B1.12	AUTOL AUT55 AUT55T AUTSLIC40 AUTSLIC40T	DCC-AUT15/1/0/1	X	-	-	SWRI
					X	-	-	
					X	-	-	
					X	-	-	
					X	-	-	**RV-1/11-CSCL-5-DCC**
000900	2-RPV-VC1 LOWER SHELL AT 90 DEG.	B-A B1.12	AUTOL AUT55 AUT55T AUTSLIC40 AUTSLIC40T	DCC-AUT15/1/0/1	X	-	-	SWRI
					X	-	-	
					X	-	-	
					X	-	-	
					X	-	-	**RV-1/11-CSCL-5-DCC**
001000	2-RPV-VC2 LOWER SHELL AT 270 DEG.	B-A B1.12	AUTOL AUT55 AUT55T AUTSLIC40 AUTSLIC40T	DCC-AUT15/1/0/1	X	-	-	SWRI
					X	-	-	
					X	-	-	
					X	-	-	
					X	-	-	**RV-1/11-CSCL-5-DCC**

REACTOR VESSEL LOWER HEAD MERIDIONAL WELDS (FIG NO A-1)

001740	2-LHM-03 MERIDIONAL WELD AT 129 DEG.	B-A B1.22	AUTOL AUT55 AUT55L AUTSLIC40 AUTSLIC40T	DCC-AUT15/1/0/1	X	-	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF CORE SUPPORT LUGS AND INSTRUMENTATION TUBES.
					X	-	-	
					X	-	-	
					X	-	-	
					X	-	-	**RV-3/11-CSCL-5-DCC**

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

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REACTOR PRESSURE VESSEL AND CLOSURE HEAD

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**		

VESSEL TO FLANGE WELD (FIG NO A-1)

001800	2-RPV-A	B-A	AUT0L	DCC-AUT15/1/0/1	X	-	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	VESSEL TO FLANGE	B1.30	AUT55T		X	-	-	FLANGE TAPER AND VESSEL KEYWAYS.
			AUTSLIC40T		X	-	-	
			AUT3.7		X	-	-	
			AUT4.1		X	-	-	**CSCL-5-DCC/CSCL-34-DCC**
			AUT11.35		X	-	-	
			AUT18		X	-	-	

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

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REACTOR PRESSURE VESSEL AND CLOSURE HEAD

		ASME			N O		
		SEC. XI			O G T		
		CATGY EXAM			R E H		
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E O E	REMARKS	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C M R	**CALIBRATION BLOCK**	
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<u>NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (FIG NO A-1)</u>							
002000	2-N1-I	B-D	AUT0L	DCC-AUT15/1/0/1	X - -	SWRI - BORE EXAMINATION RESULTS PENDING	
	INLET NOZZLE TO SHELL AT 293	B3.90	AUT55T		X - -	AEP:NRC:0969AQ.	
	DEG.		AUTSLIC40T		X - -		
			AUT6	SEE REMARKS	- - -		
			AUT45	SEE REMARKS	- - -	**CSCL-5-DCC/CSCL-7-DCC**	
002100	2-N1-O	B-D	AUT0L	DCC-AUT15/1/0/1	X - -	SWRI - BORE EXAMINATION RESULTS PENDING	
	SHELL TO OUTLET NOZZLE AT 338	B3.90	AUT55T		X - -	AEP:NRC:0969AQ CODE RELIEF. LIMITED EXAM	
	DEG.		AUTSLIC40T		X - -	DUE TO PROXIMITY OF OUTLET NOZZLE	
			AUT10	SEE REMARKS	- - -	INTEGRAL EXTENSION.	
			AUT45	SEE REMARKS	- - -	**CSCL-5-DCC/CSCL-7-DCC**	
002200	2-N2-I	B-D	AUT0L	DCC-AUT15/1/0/1	X - -	SWRI - BORE EXAMINATION RESULTS PENDING	
	INLET NOZZLE TO SHELL AT 247	B3.90	AUT55T		X - -	AEP:NRC:0969AQ CODE RELIEF. CODE	
	DEG.		AUTSLIC40T		X - -	ALLOWABLE INDICATION WAS VERIFIED TO BE	
			AUT6	SEE REMARKS	- - -	THE SAME AS FOUND DURING THE 1988 ISI	
			AUT45	SEE REMARKS	- - -	AND REEXAMINED DURING THE 1990 ISI.	
			UT45	SWRI-UT2/2/0/0	- - X	**CSCL-5-DCC/CSCL-7-DCC**	
002300	2-N2-O	B-D	AUT0L	DCC-AUT15/1/0/1	X - -	SWRI - BORE EXAMINATION RESULTS PENDING	
	SHELL TO OUTLET NOZZLE AT 202	B3.90	AUT55T		X - -	AEP:NRC:0969AQ CODE RELIEF. LIMITED EXAM	
	DEG.		AUTSLIC40T		X - -	DUE TO PROXIMITY OF OUTLET NOZZLE	
			AUT10	SEE REMARKS	- - -	INTEGRAL EXTENSION.	
			AUT45	SEE REMARKS	- - -	**CSCL-5-DCC/CSCL-7-DCC**	
002400	2-N3-I	B-D	AUT0L	DCC-AUT15/1/0/1	X - -	SWRI - BORE EXAMINATION RESULTS PENDING	
	INLET NOZZLE TO SHELL AT 113	B3.90	AUT55T		X - -	AEP:NRC:0969AQ CODE RELIEF.	
	DEG.		AUTSLIC40T		X - -		
			AUT6	SEE REMARKS	- - -		
			AUT45	SEE REMARKS	- - -	**CSCL-5-DCC/CSCL-7-DCC**	
002500	2-N3-O	B-D	AUT0L	DCC-AUT15/1/0/1	X - -	SWRI - BORE EXAMINATION RESULTS PENDING	
	SHELL TO OUTLET NOZZLE AT 158	B3.90	AUT55T		X - -	AEP:NRC:0969AQ CODE RELIEF. LIMITED EXAM	
	DEG.		AUTSLIC40T		X - -	DUE TO PROXIMITY OF OUTLET NOZZLE	
			AUT10	SEE REMARKS	- - -	INTEGRAL EXTENSION.	
			AUT45	SEE REMARKS	- - -	**11-CSCL-5-DCC**	

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

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

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**

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

002600	2-N4-I	B-D	AUT0L	DCC-AUT15/1/0/1	X	-	-	SWRI - BORE EXAMINATION RESULTS PENDING
	INLET NOZZLE TO SHELL AT 67 DEG.	B3.90	AUT55T		X	-	-	AEP:NRC:0969AQ CODE RELIEF.
			AUTSLIC40T		X	-	-	
			AUT6	SEE REMARKS	-	-	-	
			AUT45	SEE REMARKS	-	-	-	**CSCL-5-DCC/CSCL-7-DCC**
002700	2-N4-O	B-D	AUT0L	DCC-AUT15/1/0/1	X	-	-	SWRI - BORE EXAMINATION PENDING
	SHELL TO OUTLET NOZZLE AT 22 DEG.	B3.90	AUT55T		X	-	-	AEP:NRC:0969AQ CODE RELIEF. LIMITED EXAM
			AUTSLIC40T		X	-	-	DUE TO PROXIMITY OF NOZZLE INTEGRAL
			AUT10	SEE REMARKS	-	-	-	EXTENSION.
			AUT45	SEE REMARKS	-	-	-	**CSCL-5-DCC/CSCL-7-DCC**

NOZZLE INSIDE RADIUS SECTIONS (FIG NO A-3)

002800	2-N1-I-IRS	B-D	AUT50/70	DCC-AUT15/1/0/1	X	-	-	SWRI
	INLET NOZZLE AT 293 DEG.	B3.100						**IR-CSCL-8-DCC**
003000	2-N2-I-IRS	B-D	AUT50/70	DCC-AUT15/1/0/1	X	-	-	SWRI
	INLET NOZZLE AT 247 DEG.	B3.100						**IR-CSCL-8-DCC**
003200	2-N3-I-IRS	B-D	AUT50/70	DCC-AUT15/1/0/1	X	-	-	SWRI
	INLET NOZZLE AT 113 DEG.	B3.100						**IR-CSCL-8-DCC**
003300	2-N3-O-IRS	B-D	AUT50/70	DCC-AUT15/1/0/1	X	-	-	SWRI
	OUTLET NOZZLE AT 158 DEG.	B3.100						**IR-CSCL-8-DCC**



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

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REACTOR PRESSURE VESSEL AND CLOSURE HEAD

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

NOZZLE TO SAFE-END AND SAFE-END TO NOZZLE WELDS (FIG NO A-3)

003800	2-RPV-1-02	B-F	AUTSLIC40	DCC-AUT14/1/0/1	X	-	-	SWRI - UT PERFORMED IN LIEU OF PT.
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40T		X	-	-	
			PT	SEE REMARKS				**PL-3.0-CSCL-4-DCC**
004000	2-RPV-2-02	B-F	AUTSLIC40	DCC-AUT14/1/0/1	X	-	-	SWRI - UT PERFORMED IN LIEU OF PT.
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40T		X	-	-	
			PT	SEE REMARKS				**PL-3.0-CSCL-4-DCC**
004100	2-RPV-3-01	B-F	AUTSLIC40	DCC-AUT14/1/0/1	X	-	-	SWRI - UT PERFORMED IN LIEU OF PT.
	NOZZLE TO SAFE-END "HOT LEG"	B5.10	AUTSLIC40T		X	-	-	
			PT	SEE REMARKS				**PL-3.0-CSCL-4-DCC**
004200	2-RPV-3-02	B-F	AUTSLIC40	DCC-AUT14/1/0/1	X	-	-	SWRI - UT PERFORMED IN LIEU OF PT.
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40T		X	-	-	
			PT	SEE REMARKS				**PL-3.0-CSCL-4-DCC**
004300	2-RPV-4-01	B-F	AUTSLIC40	DCC-AUT14/1/0/1	X	-	-	SWRI - UT PERFORMED IN LIEU OF PT.
	NOZZLE TO SAFE-END "HOT LEG"	B5.10	AUTSLIC40T		X	-	-	
			PT	SEE REMARKS				**PL-3.0-CSCL-4-DCC**
004400	2-RPV-4-02	B-F	AUTSLIC40	DCC-AUT14/1/0/1	X	-	-	SWRI - UT PERFORMED IN LIEU OF PT.
	SAFE-END TO NOZZLE "COLD LEG"	B5.10	AUTSLIC40T		X	-	-	
			PT	SEE REMARKS				**PL-3.0-CSCL-4-DCC**

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



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EXAMINATION OF CLASS 1 AND CLASS 2 COMPONENTS

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

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

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

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

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

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

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

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

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

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1996), 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
NUMBER IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	M	R
						REMARKS
						**CALIBRATION BLOCK**

CLOSURE HEAD TO FLANGE WELD (FIG NO A-2)

001900	2-CHC-01	B-A	MT	DCC-MT1/0/0/0	X	-	-	EXAMINED 151" FROM STUD HOLE NO. 53 TO
	HEAD TO FLANGE	B1.40	UT0L	DCC-UT150/3/0/0	X	-	-	STUD HOLE NO. 15 (390" TO 4"). LIMITED
			UT0W		X	-	-	EXAM DUE TO FLANGE CONFIGURATION AND
			UT4S		X	-	-	HEAD LIFTING LUG.
			UT45T		X	-	-	**RV-2**
			UT60		X	-	-	
			UT60T		X	-	-	

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CLASS 1 COMPONENTS

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REACTOR PRESSURE VESSEL AND CLOSURE HEAD

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**

REACTOR VESSEL PENETRATIONS (FIG NO A-3)

003550	LOWER HEAD PENETRATIONS	B-E	VT-2	120HP5070ISI050	X	-	-	J.O. C28907/02 - PERFORMED DURING SYSTEM LEAKAGE TEST PER CC N498-1.
	58 PENETRATIONS	B4.13						

REACTOR VESSEL PENETRATIONS (FIG NO A-2)

003600	CLOSURE HEAD CRD PENETRATIONS	B-E	VT-2	120HP5070ISI050	X	-	-	J.O. C28907/29 - PERFORMED DURING SYSTEM LEAKAGE TEST PER CC498-1.
	78 PENETRATIONS	B4.12						

003610	CLOSURE HEAD VENT LINE	B-E	VT-2	120HP5070ISI050	X	-	-	J.O. C28907/29 - PERFORMED DURING SYSTEM LEAKAGE TEST PER CC498-1.
	1 PENETRATION	B4.11						

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REACTOR PRESSURE VESSEL AND CLOSURE HEAD

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

RPV INTERIOR SURFACES AND CORE SUPPORT STRUCTURES

006010	RPV UPPER INTERNALS & SURFACES B-N-1 AREAS ACCESSIBLE DURING NORMAL B13.10 REFUELING	VT-3	DCC-VT7/0/0/0 12EHPS025	X - -	SWRI AND MASTER-LEE/FRAMATOME
006021	RPV-CS-LUGS 1 THROUGH 6 CORE SUPPORT LUGS	B-N-2 B13.60	VT-3 DCC-VT7/0/0/0	X - -	SWRI
006040	2-RPV CORE SUPPORT STRUCTURE (WHEN REMOVED)	B-N-3 B13.70	VT-3 12EHPS025	X - -	MASTER-LEE/FRAMATOME - AUGMENTED INSPECTION ON A AND H LEVEL FORMER BOLTS.

CONTROL ROD DRIVE HOUSING WELDS

6060	CONTROL ROD DRIVE HOUSING WELD 78 WELDS	B-O B14.10	PT 12QHP5050NDE001	X - -	J.O. C28907/29 - PERFORMED EXAMS ON CONTROL ROD DRIVE NOS. 38, 40, 43, 47, 66, 67, 70 AND 71 (10%).
------	--	---------------	-----------------------	-------	---



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STEAM GENERATOR NO. 21 (FIGURE A-5)

				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**			

CIRCUMFERENTIAL WELDS

008600	STM-21-01	B-B	UT0L	DCC-UT49/2/2/0	X	-	-	SWRI - LIMITED EXAM DUE TO WELDED
	LOWER HEAD TO TUBE SHEET	B2.40	UT0W		X	-	-	INSULATION PADS.
			UT45	DCC-UT15/3/1/0	X	-	-	
			UT45T		X	-	-	
			UT60		X	-	-	**RV-3/DCC-41**
			UT60T		X	-	-	

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

STEAM GENERATOR NO. 22 (FIGURE A-5)

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
							**CALIBRATION BLOCK**

CIRCUMFERENTIAL WELDS

009500	STM-22-01	B-B	UT0L	DCC-UT49/2/2/0	X	-	-	SWRI - LIMITED EXAM DUE TO WELDED
	LOWER HEAD TO TUBE SHEET	B2.40	UT0W		X	-	-	INSULATION PADS.
			UT45	DCC-UT15/3/1/0	X	-	-	
			UT45T		X	-	-	
			UT60		X	-	-	**RV-3/DCC-41**
			UT60T		X	-	-	



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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

STEAM GENERATOR NO. 23 (FIGURE A-5)

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

REMARKS

\*\*CALIBRATION BLOCK\*\*

CIRCUMFERENTIAL WELDS

010400	STM-23-01	B-B	UT0L	DCC-UT49/2/2/0	X	-	-	SWRI - LIMITED EXAM DUE TO WELDED
	LOWER HEAD TO TUBE SHEET	B2.40	UT0W		X	-	-	INSULATION PAD.
			UT45	DCC-UT15/3/1/0	X	-	-	
			UT45T		X	-	-	
			UT60		X	-	-	**RV-3**
			UT60T		X	-	-	



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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	REMARKS
NUMBER	IDENTIFICATION				C	M	R	**CALIBRATION BLOCK**
-----								
<u>LINE 2-RC-17 (FIG NO A-6)</u>								
014000	2-RC-17-01N	B-J	PT	DCC-PT1/1/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO BRANCH
	6-IN. NOZZLE (BRANCH	B9.31	UT0L	DCC-UT49/2/2/0	X	-	-	CONNECTION CONFIGURATION.
	CONNECTION)		UT45	DCC-UT56/0/0/0	X	-	-	
			UT60		X	-	-	
			UT34T		X	-	-	**BC-6/27.5-29-SS-42-DCC**
015800	2-RC-17-08N	B-J	PT	DCC-PT1/1/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO BRANCH
	10-IN. NOZZLE (BRANCH	B9.31	UT0L	DCC-UT49/2/2/0	X	-	-	CONNECTION CONFIGURATION.
	CONNECTION)		UT45	DCC-UT56/0/0/0	X	-	-	
			UT60		X	-	-	
			UT38T		X	-	-	**BC-10/27.5-SS-43-DCC**
016200	2-RC-17-12	B-J	PT	DCC-PT1/1/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO NOZZLE
	ELBOW TO SAFE-END	B9.11	UT45RL	DCC-UT33/2/0/0	X	-	-	SAFE-END CONFIGURATION.
			UT45TRL		X	-	-	**37-CCSS-X-3.0-9-DCC**
<u>LINE 2-RC-18 (FIG NO A-7)</u>								
017000	2-RC-18-03N	B-J	PT	DCC-PT1/1/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO BRANCH
	14-IN. NOZZLE (BRANCH	B9.31	UT0L	DCC-UT49/2/2/0	X	-	-	CONNECTION CONFIGURATION.
	CONNECTION)		UT45	DCC-UT56/0/0/0	-	X	-	
			UT60		X	-	-	
			UT40T		X	-	-	**29-SS-44-DCC**
<u>LINE 2-RC-19 (FIG NO A-8)</u>								
019200	2-RC-19-01	B-J	PT	DCC-PT1/1/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO NOZZLE
	SAFE-END TO PIPE	B9.11	UT45RL	DCC-UT33/2/1/0	X	-	-	SAFE-END CONFIGURATION.
			UT45TRL		X	-	-	**37-CCSS-X-3.0-9-DCC**
<u>LINE 2-RC-22 (FIG NO A-11)</u>								
026866	2-RC-22-14	B-J	PT	DCC-PT1/1/0/0	X	-	-	SWRI
	PIPE TO REDUCER	B9.11	UT45	DCC-UT31/2/1/0	X	-	-	
			UT45T		X	-	-	
			UT60		X	-	-	**3378027 (4-SS-120-.430)**

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CLASS 1 COMPONENTS

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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**
<hr/>							
<u>LINE 2-RC-512 (FIG NO A-24)</u>							
058400	2-RC-512-01 BRANCH CONNECTION TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11
058500	2-RC-512-02 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11
058600	2-RC-512-03 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11
058700	2-RC-512-04 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11
058800	2-RC-512-05 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11
058900	2-RC-512-06 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11
059000	2-RC-512-07 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11
059100	2-RC-512-08 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11

065200 2-RC-513-24 B-J PT 12QHP5050NDE001 X - - J.O. C28907/11  
MANIFOLD TO PIPE B9.40

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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
					C	M	R
							REMARKS
							**CALIBRATION BLOCK**
<hr/>							
<u>LINE 2-RC-513 (FIG NO A-25)</u>							
065300	2-RC-513-25 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11
065400	2-RC-513-26 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11
065500	2-RC-513-27 PIPE TO REDUCER	B-J B9.21	PT	12QHP5050NDE001	X	-	J.O. C28907/11
 <u>LINE 2-RC-518 (FIG NO A-30)</u>							
0700	2-RC-518-15 VALVE TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11
080800	2-RC-518-16 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11
080900	2-RC-518-17 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11
081000	2-RC-518-18 PIPE TO TEE	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11
081100	2-RC-518-19 TEE TO REDUCER	B-J B9.40	PT	12QHP5050NDE001	X	-	J.O. C28907/11

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>LINE 2-RC-518 (FIG NO A-30)</u>							
081200	2-RC-518-20 TEE TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	- J.O. C28907/11
081300	2-RC-518-21 PIPE TO MANIFOLD	B-J B9.40	PT	12QHP5050NDE001	X	-	- J.O. C28907/11
081700	2-RC-518-25 PIPE TO TEE	B-J B9.40	PT	12QHP5050NDE001	X	-	- J.O. C28907/11
081800	2-RC-518-26 TEE TO REDUCER	B-J B9.40	PT	12QHP5050NDE001	X	-	- J.O. C28907/11
081900	2-RC-518-27 TEE TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	- J.O. C28907/11
082000	2-RC-518-28 PIPE TO ELBOW	B-J B9.40	PT	12QHP5050NDE001	X	-	- J.O. C28907/11
082100	2-RC-518-29 ELBOW TO PIPE	B-J B9.40	PT	12QHP5050NDE001	X	-	- J.O. C28907/11
082200	2-RC-518-30 PIPE TO FLANGE	B-J B9.40	PT	12QHP5050NDE001	X	-	- J.O. C28907/11





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CLASS 1 COMPONENTS

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SAFETY INJECTION SYSTEM

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

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

095300	2-SI-58-06	B-K-1	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	COLLAR TO PIPE	B10.10						

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CHEMICAL AND VOLUME CONTROL SYSTEM

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

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

129600	2-CS-119-12	B-J	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	PIPE TO PIPE	B9.21						

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

137200	2-CS-121-10	B-J	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	PIPE TO BRANCH CONNECTION	B9.21						

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 1 COMPONENTS

VALVE PRESSURE RETAINING BOLTING (2" AND LESS)

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

LINE 2-SI-57 (FIG NO A-34)

220700	SI-170-L2	B-G-2	VT-1	12QHP5050NDE006	X	-	-	J.O. C28907/11
	FLANGE BOLTING	B7.70						

LINE 2-SI-59 (FIG NO A-36)

221200	SI-170-L4	B-G-2	VT-1	12QHP5050NDE006	X	-	-	J.O. C28907/11
	FLANGE BOLTING	B7.70						

LINE 2-SI-63 (FIG NO A-40)

221800	SI-158-L2	B-G-2	VT-1	12QHP5050NDE006	X	-	-	J.O. C28907/11
	FLANGE BOLTING	B7.70						

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## SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

## CLASS 1 COMPONENTS

WALWORTH MOTOR-OPERATED GATE VALVES (8" NOMINAL)

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

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

225300	SI-IMO-315	B-M-2	VT-3	12QHP5050NDE006	X	-	-	J.O. C28493/04
	VALVE BODY INTERNAL SURFACE	B12.50						



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CLASS 2 COMPONENTS

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CHEMICAL AND VOLUME CONTROL TANK (FIGURE B-6)

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**
-----	-----	-----	-----	-----	-	-	-	-----

INTEGRALLY WELDED VESSEL SUPPORTS

300670	2-CVCT-2VS-10, 11, & 12	C-C	PT	12QHP5050NDE001	X	-	-	J.O. C28959/07
		C3.10						

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

CTS HEAT EXCHANGER EAST (FIGURE B-7)

				N	O	
				O	G	T
				R	E	H
				E	O	E
				C	M	R
				-	-	-

NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS

300674	E-CTSHX-CUT	C-B	PT	12QHP5050NDE001	X - -	J.O. C28959/07
	SHELL TO NOZZLE	C2.11				

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CLASS 2 COMPONENTS

BORON INJECTION TANK (FIGURE B-9)

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

INTEGRALLY WELDED VESSEL SUPPORTS

300930	2-BIT-VS-4	C-C	MT	12QHP5050NDE002	X	-	-	J.O. C28959/07
		C3.10						



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CLASS 2 COMPONENTS

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EMERGENCY CORE COOLING

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 2-SI-62 (FIG NO B-19 & B-2)

311940	2-SI-62-02S	C-F	PT	DCC-PT1/1/0/0	X	-	-	SWRI
	PIPE TO ELBOW	C5.21	UT45	DCC-UT31/2/1/0	-	X	-	
			UT45T		X	-	-	
			UT60		-	X	-	
			UT60T		X	-	-	**3378029 (8-SS-160-.81)**

LINE 2-SI-77 (FIG NO B-22)

312450	2-SI-77-02S-PL 1 THROUGH 4	C-C	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11 - LIMITED EXAM DUE TO
	PIPE LUG	C3.20						SUPPORT STRUCTURE INTERFERENCES.

LINE 2-RH-19 (FIG NO B-31)

314660	2-RH-19-26F	C-F	PT	12QHP5050NDE001	X	-	-	J.O. C28959/07
	PIPE TO ELBOW	C5.11						

LINE 2-RH-21 (FIG NO B-33)

315330	2-RH-21-27S	C-F	PT	DCC-PT1/1/0/0	X	-	-	SWRI
	ELBOW TO PIPE	C5.21	UT0L	DCC-UT49/2/2/0	X	-	-	
			UT45	DCC-UT31/2/1/0	-	X	-	
			UT45T		X	-	-	
								**3378029 (8-SS-160-.81)**

LINE 2-RH-31 (FIG NO B-37 & B-3)

315935	2-RH-31-10F-PS	C-C	PT	12QHP5050NDE001	X	-	-	J.O. C28907/11
	PIPE SUPPORT	C3.20						

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

CONTAINMENT SPRAY SYSTEM

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

LINE 2-CTS-10 (FIG NO B-44)

316540	2-CTS-10-12F VALVE TO PIPE	C-F	PT	DCC-PT1/1/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO VALVE CONFIGURATION.  **10-SS-40-.365-26-DCC**
		CS.11	UT0L	DCC-UT49/2/2/0	X	-	-	
			UT45	DCC-UT35/2/1/0	X	-	-	
			UT45T		X	-	-	

LINE 2-CTS-11 (FIG NO B-45)

316970	2-CTS-11-22S ELBOW TO PIPE	C-F	PT	12QHP5050NDE001	X	-	-	J.O. C28959/07
		CS.11						

LINE 2-CTS-13 (FIG NO B-47)

317360	2-CTS-13-09S TEE TO ELBOW	C-F	PT	DCC-PT1/1/0/0	X	-	-	SWRI  **10-SS-40-.365-26-DCC**
		CS.11	UT0L	DCC-UT49/2/2/0	X	-	-	
			UT45	DCC-UT35/2/1/0	X	-	-	
			UT45T		X	-	-	

LINE 2-CTS-14 (FIG NO B-48)

317660	2-CTS-14-01F NOZZLE TO REDUCER	C-F	PT	12QHP5050NDE001	X	-	-	J.O. C28959/07
		CS.11						
317680	2-CTS-14-03S PIPE TO ELBOW	C-F	PT	DCC-PT1/1/0/0	X	-	-	SWRI  **10-SS-40-.365-26-DCC**
		CS.11	UT0L	DCC-UT49/2/2/0	X	-	-	
			UT45	DCC-UT35/2/1/0	X	-	-	
			UT45T		X	-	-	

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

## FEEDWATER SYSTEM

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

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

[illegible]

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 3 COMPONENTS

CTS HEAT EXCHANGER WEST (FIGURE B-7A)

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

INTEGRALLY WELDED VESSEL SUPPORTS

400050	W-CTSHEx-2VS	D-B	VT-3	12QHP5050NDE006	X - -	J.O. C28959/07
	VESSEL SUPPORT	D2.20				

400060	W-CTSHEx-3VS	D-B	VT-3	12QHP5050NDE006	X - -	J.O. C28959/07
	VESSEL SUPPORT	D2.20				

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL  
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**

LINE 2-RC-30 (FIG NO A-19)

601900	2-GRC-R-506	F-B	VT-3	12QHP5050NDE006	X	-	-	J.O. C28907/11
	PIPE SUPPORT COMPONENT	F2.00						

LINE 2-RC-32 (FIG NO A-21A)

603000	2-GRC-R-554	F-B	VT-3	12QHP5050NDE006	X	-	-	J.O. C28907/11
	PIPE SUPPORT COMPONENT	F2.00						

LINE 2-RC-34 (FIG NO A-23A)

604400	2-GRC-R-565	F-C	VT-3	12QHP5050NDE006	X	-	-	J.O. C28907/11
	PIPE SUPPORT COMPONENT	F3.00						

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

## CHEMICAL AND VOLUME CONTROL SYSTEM

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

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

609205	2-GCS-R-511	F-B	VT-3	12QHP5050NDE006	X	-	-	J.O. C28907/11
	PIPE SUPPORT COMPONENT	F2.00						

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

609235 2-GCS-R-540 F-C VT-3 12QHP5050NDE006 X - - J.O. C28907/11  
PIPE SUPPORT COMPONENT F3.00

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CLASS 2 COMPONENTS

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RHR HEAT EXCHANGER WEST (FIGURE B-8A)

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**

SUPPORT COMPONENT

700180	W-RHRHEX-SC-2	F-B	VT-3	12QHP5050NDE006	X	-	-	J.O. C28959/07
		F2.00						

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BORON INJECTION TANK (FIGURE B-9)

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**

SUPPORT COMPONENT

700220 2-BIT-CS-4 F-B VT-3 12QHP5050NDE006 X - - J.O. C28959/07  
F2.00



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

EMERGENCY CORE COOLING

SUMMARY EXAMINATION AREA		ASME	SEC. XI	CATGY	EXAM	ITEM NO	METHOD	PROCEDURE	N	O	REMARKS
NUMBER	IDENTIFICATION								O	G	
									R	E	
									E	O	
									C	M	**CALIBRATION BLOCK**
<u>LINE 2-SI-7 (FIG NO B-10)</u>											
710185	2-GCTS-R-66	F-B	VT-3					12QHP5050NDE006	X	-	J.O. C28959/07
	PIPE SUPPORT COMPONENT	F2.00									
<u>LINE 2-SI-8 (FIG NO B-11)</u>											
710400	2-GSI-V-112	F-C	VT-3					12QHP5050NDE006	X	-	J.O. C28959/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4						X	-	
<u>LINE 2-SI-60 (FIG NO B-17 &amp; B-1)</u>											
711560	2-GSI-R-539	F-B	VT-3					12QHP5050NDE006	X	-	J.O. C28907/11
	PIPE SUPPORT COMPONENT	F2.00									
<u>LINE 2-RH-14 (FIG NO B-26)</u>											
713060	2-GRH-V-22	F-C	VT-3					12QHP5050NDE006	X	-	J.O. C28959/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4						X	-	
<u>LINE 2-RH-16 (FIG NO B-28)</u>											
713360	2-GRH-V-15	F-C	VT-3					12QHP5050NDE006	X	-	J.O. C28959/07 - LOAD SETTING EXCEEDS 5%
	PIPE SUPPORT COMPONENT	F3.00	VT-4						-	-	TOLERANCE. OPERABLE PER DCCNECP202QCN.
											SPRING CAN ADJUSTMENT SHALL BE PERFORMED
											UNDER A/R A115036.
<u>LINE 2-RH-21 (FIG NO B-33)</u>											
714695	2-GSI-R-67	F-C	VT-3					12QHP5050NDE006	-	-	J.O. C28959/07 - DESIGN/AS-FOUND
	PIPE SUPPORT COMPONENT	F3.00									DISCREPANCY AND CHIPPED CONCRETE.
											ENGINEERING EVALUATION FOUND OPERABILITY
											NOT IMPAIRED AND A/R A115041 INITIATED
											TO REPAIR CHIPPED CONCRETE.

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EMERGENCY CORE COOLING

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

LINE 2-RH-23 (FIG NO B-35)

715070	2-GSI-R-55	F-B	VT-3	12QHP5050NDE006	X	-	-	J.O. C28959/07
	PIPE SUPPORT COMPONENT	F2.00						
715095	2-GSI-V-53	F-C	VT-3	12QHP5050NDE006	X	-	-	J.O. C28959/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4		X	-	-	

LINE 2-RH-24 (FIG NO B-36)

715200	2-GRH-V-806	F-C	VT-3	12QHP5050NDE006	-	-	X	J.O. C28959/07 - DESIGN/AS-FOUND
	PIPE SUPPORT COMPONENT	F3.00	VT-4		X	-	-	DISCREPANCY. ENGINEERING EVALUATION REVEALED SUPPORT IS ACCEPTABLE AS-IS.



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CLASS 2 COMPONENTS

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**

LINE 2-FW-73 (FIG NO B-53)

752500	2-GFW-R-890	F-B	VT-3	12QHP5050NDE006	-	-	X	J.O. C28959/07 - DESIGN/AS-FOUND
	PIPE RESTRAINT COMPONENT	F2.00						DISCREPANCY. ENGINEERING EVALUATION
								REVEALED SUPPORT IS ACCEPTABLE AS-IS.

LINE 2-FW-80 (FIG NO B-60)

756800	2-GFW-L-836	F-B	VT-3	12QHP5050NDE006	X	-	-	J.O. C28959/07
	PIPE RESTRAINT COMPONENT	F2.00						

756900	2-GFW-L-835	F-B	VT-3	12QHP5050NDE006	X	-	-	J.O. C28959/07
	PIPE RESTRAINT COMPONENT	F2.00						

LINE 2-FW-81 (FIG NO B-61)

757100	2-GFW-L-833	F-B	VT-3	12QHP5050NDE006	X	-	-	J.O. C28959/07
	PIPE RESTRAINT COMPONENT	F2.00						

762960	W-CTSHEx-SC-2	F-B F2.00	VT-3	12QHP5050NDE006	X - -	J.O. C28959/07
762970	W-CTSHEx-SC-3	F-B F2.00	VT-3	12QHP5050NDE006	X - -	J.O. C28959/07

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OUTAGE 2 (1996), THIRD PERIOD, SECOND INTERVAL

CLASS 3 COMPONENTS

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RHR HEAT EXCHANGER EAST

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**

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

763000	E-RHRHEX-UL-SC	F-C	VT-3	12QHP5050NDE006	X	-	-	J.O. C28959/07
	UPPER LATERAL SUPPORT	F3.00						

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Technical Specification/Inservice Inspection  
Snubber Examinations and Tests

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

Snubber Functional Test Surveillances

<u>Snubber Mark No.</u>	<u>Date Tested</u>	<u>As-Found</u>
2-GRC-S562	03-30-96	Pass
2-GRC-S575	04-01-96	Pass
2-GRC-S582	04-02-96	Pass
2-GRC-S596	03-30-96	Pass
2-GRC-S630	04-01-96	Pass
2-FWS-4-L	03-30-96	Pass
2-FWS-8-L	04-03-96	Pass
2-GBD-S569-L	04-03-96	Pass
2-GBD-S569-U	04-04-96	Pass
2-MSS-4	04-03-96	Pass*
2-GSI-S575	04-01-96	Pass
2-GCTS-S61	04-03-96	Pass
2-OME-3-3-HSD-3L	03-30-96	Fail**
2-OME-3-3-HSD-3U	04-02-96	Pass
2-OME-3-3-HSD-L1	04-09-96	Pass
2-OME-3-4-HSD-3L	04-03-96	Pass

Expanded Sample, Due to Failure of 2-OME-3-1-HSD-3U:

2-OME-3-2-HSD-3U	04-09-96	Pass
2-OME-3-3-HSD-3U	04-07-96	Pass

Non-Tech. Spec. ISI Snubber

2-GFW-S885	05-05-96	Pass
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\*Note 1: 2-MSS-4 was not reinstalled after testing. This snubber along with several others have been deleted due to the Large Bore Piping Reanalysis Project.

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



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System Pressure Tests

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

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

SYSTEM

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

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

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

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

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<u>JOB ORDER</u>	<u>COMPONENT</u>	<u>Code Class</u>	<u>Date Worked</u>	<u>COMMENT</u>
C00610 07	2 CS-296W	2	5/7/96	Machine bonnet and replace
C13696 05	2 CS-534	2	4/22/96	Replace stem and bonnet assy
C15340 02	2 BD-103-3	2	4/4/96	Replace bolting
C16456 01	2 GFW-S885	2	5/8/95	Snubber modification
C19870 01	2 FW-S4-L	2	5/7/96	Snubber upgrade MM-300
C19878 01	2 FW-S8-L	2	4/24/96	Snubber upgrade MM-300
C21154 04	2 CS-308N	2	4/19/96	Replace valve
C21350 03	2 HE-13	2	4/21/96	Replace bolting
C21613 02	2 FW-138-2	2	5/9/96	Replace bolting
C21613 05	2 FW-138-2	2	5/9/96	Install anti rotation lugs
C22012 02	2 RC-102L1	1	4/22/96	Replace bonnet and disc assy
C22014 02	2 RC-102L2	1	5/6/96	Replace stem assembly
C22942 07	2 GCS-L40	2	3/1/95	Modify Support
C25545 01	2 ACTS-R821	2	4/20/96	Modify Support
C25545 01	2 GCTS-R713A	2	4/20/96	Modify Support
C26972 04	2 MS-108-2	2	5/2/96	Replace valve w/nozzle check
C26973 01	2 MS-108-3	2	5/2/96	Replace valve w/nozzle check
C27083 3&4	2 SV-54	2	5/7/96	Reinstall valve by welding
C27333 06	2 GCTS-R1	2	12/29/95	Modify support
C27333 06	2 GCTS-R15	2	12/29/95	Modify support
C27333 06	2 GCTS-R16	2	1/10/96	Modify support
C27333 06	2 GCTS-R22	2	12/29/95	Modify support
C27333 06	2 GCTS-R24	2	12/29/95	Modify support
C27333 06	2 GCTS-R39	2	12/29/95	Modify support
C27333 06	2 GCTS-R8	2	12/29/95	Modify support
C27333 16	2 GCCW-R300	2	2/19/96	Modify support
C27358 08	2 IMO-128	1	5/6/96	Seal weld body to bonnet
C27493 01	2 FW-132-4	2	5/7/96	Weld and machine valve cover
C27968 03	2 CCR-460	2	4/22/96	Replace valve
C27971 03	2 CCR-462	2	4/28/96	Replace valve
C28206 01	2 GRC-S562	1	4/1/96	Snubber upgrade
C28207 01	2 GRC-S575	1	4/5/96	Snubber upgrade

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<u>JOB ORDER</u>	<u>COMPONENT</u>	<u>Code</u> <u>Class</u>	<u>Date</u> <u>Worked</u>	<u>COMMENT</u>
C28208 01	2 GRC-S582	1	4/4/96	Snubber upgrade
C28216 01	2 GBD-S569-L	2	4/6/96	Snubber upgrade
C28218 01	2 GBD-S569-U	2	4/5/96	Snubber upgrade
C28221 01	2 GSI-S575	2	4/6/96	Snubber upgrade
C28222 01	2 GCTS-S61	2	4/5/96	Snubber upgrade
C28267 02	2 NMO-152	1	4/21/96	Install new wedge
C28267 02	2 NMO-152	1	4/21/96	Machine disc
C28268 02	2 NMO-153	1	4/20/96	Install new wedge
C28268 02	2 NMO-153	1	4/20/96	Machine disc
C28269 02	2 QMO-200	2	4/23/96	Replace valve by welding
C28271 02	2 QMO-201	2	5/5/96	Replace valve by welding
C28290 02	2 QMO-225	2	4/24/96	Replace valve and piping
C28290 14	2 ACS-R914	2	4/24/96	Modify Support
C28290 28	2 QMO-225	2	4/24/96	Replace trim and plug assembly
C28292 02	2 QMO-226	2	4/24/96	Replace valve and piping
C28370 01	2 CS-417-4	2	2/23/95	Replace bonnet/studs/nuts
C28459 02	2 CS-439-2	1	4/23/96	Cut valve seat
C28498 02	2 QRV-162	2	4/22/96	Replace bolting
C28498 02	2 QRV-162	2	4/22/96	Replace trim assy
C29705 02	2 CS-392	2	6/8/95	Replace bonnet assembly
C30016 03	2 CS-547	2	4/25/96	Machine seating surface
C30192 02	2 QRV-111	1	5/9/96	Replace trim assembly
C30263 02	2 QRV-112	1	5/1/96	Replace seat ring
C31874 03	2 IMO-326	1	4/10/96	Machine bonnet/replace bolting
C32663 01	2 MRV-211	2	9/14/95	Replace valve internals
C34427 04	2 FW-138-1	2	5/9/96	Install anti rotation lugs
C34474 06	2 IMO-221	2	4/29/96	Machine wedge
C34474 06	2 IMO-221	2	4/29/96	Replace disc
C34683 01	2 GCS-R537	2	4/23/96	Modify support
C34683 02	2 GCS-R621	2	4/23/96	Modify support
C34683 04	2 GRH-506	2	5/3/96	Modify support
C34683 05	2 GSI-R540	2	4/23/96	Modify support

AMERICAN ELECTRIC POWER COMPANY  
DONALD C COOK NUCLEAR PLANT, BRIDGMAN, MI  
UNIT 2 COMMERCIAL SERVICE DATE 7/1/1978  
NATIONAL BOARD NUMBER 1

<u>JOB ORDER</u>	<u>COMPONENT</u>	<u>Code Class</u>	<u>Date Worked</u>	<u>COMMENT</u>
C34687 03	2 NRV-164	1	5/1/96	Replace trim assembly
C35127 01	2 CS-444-1	1	5/6/96	Replace valve
C35132 04	2 MRV-233	2	5/4/96	Replace trim assembly
C35175 02	2 QRV-160	2	5/5/96	Refurbish valve
C35175 02	2 QRV-160	2	5/5/96	Replace bolting
C35176 02	2 QRV-161	2	5/5/96	Refurbish valve
C35176 02	2 QRV-161	2	5/5/96	Replace bolting
C35763 01	2 CS-357	2	5/8/96	Replace bonnet
C35795 01	2 CS-361	2	4/30/96	Replace bonnet and bolting
C35847 01	2 CS-362	2	5/7/96	Replace bonnet and bolting
C35864 01	2 QRV-301	2	5/8/96	Replace trim assembly
C35878 02	2 QRV-400	2	5/1/96	Replace bonnet and actuator
R26440 08	2 CS-292	2	6/12/96	Replace valve
R33409 08	2 CCM-432	2	4/30/96	Replace parts as required
R39269 05	2 SV-45A	1	5/9/96	Replace valve
R39270 05	2 SV-45C	1	5/9/96	Replace valve
R39271 06	2 SV-45B	1	5/9/96	Replace valve
R39692 03	2 NRV-163	1	5/5/96	Replace bonnet
R39692 10	2 NRV-163	1	5/5/96	Machine bonnet
R42489 01	2 GBD-S569-U	2	4/5/96	Replace supressor assembly
R43442 03	2 FW-118-1	2	5/8/96	Replace bolting
R43443 03	2 FW-118-3	2	4/29/96	Replace bolting & helicoil 1 hole
R47713 02	2 CF-126	2	4/9/96	Replace plug
R52849 01	2 SV-2A-2	2	5/5/96	Replace disc
R52850 01	2 SV-2B-2	2	5/10/96	Replace disc
R52851 01	2 SV-3-2	2	5/5/96	Replace disc
R52852 01	2 SV-1B-3	2	5/5/96	Replace disc
R53629 01	2 CS-445-1	1	5/6/96	Replace valve

Owner INDIANA MICHIGAN POWER COMPANY Date 05-07-96  
Name \_\_\_\_\_

Sheet 1 of 2

Unit                     # 2                    

C610-7, 2-CS-296W  
Repair Org. P.O. No., Job No., etc

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

#### 4. Identification of System Charging System

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-CS-296W							
Bonnet from new vlv				M&E#: 30-033965 ASP#15722	n/a	replace & machine	NO
Bonnet nut				M&E#: 30-046902 ASP#15012	n/a	replace	NO
Disc from new vlv				M&E#: 30-034022 ASP#13686	n/a	replace	NO

7. Description of Work \_\_\_\_\_ (See Remarks)

8. Test Conducted: Hydrostatic\_\_\_\_\_ Pneumatic\_\_\_\_\_ Nominal Operating Pressure\_\_\_\_\_  
N/A\_\_\_\_\_ Other VT-2/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 and disc from a new valve was installed on the  
Applicable Manufacturer's Data Reports to be attached  
existing valve including a new bonnet nut. This new bonnet was  
also machined per a Component Eval: CE-96-0116  
Ref. JO:C610-7 File: 2-CS-296W ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/10, 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 NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-10-96 to 6-6-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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. Whitcomb  
 Inspector's Signature

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

~~FACTORY MUTUAL SYSTEM~~

Date JUNE 6 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 04-29-96  
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 C13696-5, 2-CS-534  
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  
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-CS-534							
Stem assy	ASTM A479\ w/Nitronic 60			30-035589 ASP#17053	n/a	replace	NO
Bonnet/Packing chamber	SA-479 tp316			30-035300 ASP#14328	n/a	replace	NO

7. Description of Work (See Remarks)  
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT-2 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 stem assy and bonnet/packing chamber  
 Applicable Manufacturer's Data Reports to be attached

Ref. JO:C13696-5 File:2-CS-534

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 7/25, 19 96  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-17-96 to 7-31-96, 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.

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

\*FACTORY MUTUAL SYSTEM

Date July 31 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 05-17-96  
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 C15340-2, 2-BD-103-3, 2"vly  
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 Blowdown system
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
2-BD-103-3							
studs with nuts	SA-193 gr B7 SA-194 gr 2H			M&E#: 30-028942 ASP#14688	N/A	replace	NO

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

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## FORM NIS-2 (Back)

9. Remarks Replaced the Bonnet/Body studs and nuts.  
 Applicable Manufacturer's Data Reports to be attached

Ref. JO:C15340-2 File: 2-BD-103-3 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/27, 19 96  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-8-96 to 6-17-96, 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.

MR. Mutterspach Commissions Mich 0055, ENJ N&I  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date JUNE 17 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 07-30-96  
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 R13799-1, 2-GFW-S885, snubber  
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
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-GFW-S885	Grinnell sway strut & Supressor assy. Fig 200			30-024690 ASP# 1387	n/a	replace	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT-3/4 Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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## FORM NIS-2 (Back)

9. Remarks Replaced the shock & sway strut suppressor assembly  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R13799-1 File: 2-GFW-S885

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Date 8/1, 1996  
Maint. Eng. Supervisor  
 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 5/1/95 to 8/5/96, 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.

MT Mutual Ins. Co. Commissions Mich. 10055, Endorsement  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date August 5 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 05-13-96  
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 C19870-1, 2-FW-S4-L, snubber  
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 system
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case N/A  
(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-FW-S4-L							
config."A" Kit	grinnell			M&E#: 30-040551 ASP#17950	n/a	replace	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT-3/4 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 a configuration "A" Kit which consists of  
Applicable Manufacturer's Data Reports to be attached  
a control valve block and reservoir per MM-300

Ref. JO:C19870-1 File: 2-FW-S4-L ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/29, 19 96  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-2-93 to 6-17-96, 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.

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

Date JUNE 17 19 96

\*FACTORY MUTUAL SYSTEM

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-06-96  
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 C19878-1, 2-FW-S8-L, snubber  
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
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-FW-S8-L							
Configuration "A" kit				M&E#: 30-040551 ASP#17950	n/a	replace per MM300	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 a configuration "A" kit per MM-300  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C19878-1 File:2-FW-S8-L

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/10, 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 NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-2-93 to 6-6-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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. H. H. H. H. Commissions MICHIGAN, ENCL N.I.I.  
 Inspector's Signature National Board, State, Province, Endorsements

Date JUNE 6 1996

~~W\*FACTORY MUTUAL SYSTEM~~

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

Owner INDIANA MICHIGAN POWER COMPANY

Date 05-27-96

Name

P.O. Box 60 Fort Wayne, IN 46801

Address

Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT

Name

Unit # 2

One Cook Place, Bridgman, MI 49106

Address

C21154, 2-CS-308N.vlv

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

3. Work Performed by Maintenance Department

Name

Type Code Symbol Stamp N/A

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 N-416-1

(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-CS-308N 2" vlv.	Conval 12G2J-S168J-6125			M&E#: 30-035209 ASP#14119	n/a	replace	NO
Pipe 2"	SA-376 gr. tp-304			M&E#: 30-016812 ASP#7762	n/a	replace	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_

PT Other VT-2 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 the valve and adjacent piping per MM-404 subtask#302Applicable Manufacturer's Data Reports to be attachedwhich was installed by weldingRef. JO:C21154-4 File: 2-CS-308NISI 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 Frank Pisarsky Maint. Eng. Supervisor Date 5/30, 19 96

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-17-96 to 6-11-96, 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 Whittemore  
Inspector's SignatureCommissions Mich 0055, ENR NIT

National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date June 11 19 96

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

NIS-2-109-96

1. Owner AMERICAN ELECTRIC POWER Date 05/07/96  
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 C21350-03 R/R1467  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 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-HE-13							
1 5/8" S.S. STUDS	NOVA	ASP# 18756	N/A	S453 GR 660	N/A	REPLACE-MENT	NO
1 5/8 HH NUTS	NOVA	ASP# 18756	N/A	SA194 GR 8F	N/A	REPLACE-MENT	NO
1 5/8 HH NUTS	NOVA	ASP# 18736	N/A	SA194 GR 2H	N/A	REPLACE-MENT	NO
7/8" S.S. STUDS	NOVA	ASP# 11950	N/A	A453 GR 660 (86)	N/A	REPLACE-MENT	NO
7/8" HH NUTS	NOVA	ASP# 10686	N/A	SA194 GR 8	N/A	REPLACE-MENT	NO

7. Description of Work REPLACED BOLTING HARDWARE DURING GASKET REPLACEMENT ON 2-HE-13, EXCESS LETDOWN HEAT EXCHANGER.

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)

NIS-2-109-96

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C21350-03

DESIGN CHANGE: N/A

REPAIR/REPLACEMENT TRAVELLER: RR96-1467

ISI CLASS: 2

## CERTIFICATE OF COMPLIANCE

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

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

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

Date MAY 7, 1996

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 4-5-96 to 5-23-96, 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, END NFI

National Board, State, Province, Endorsements

Date May 23, 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 04-29-96  
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 C21613-2, 2-FW-138-2(bolting)  
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 Turbine driven aux 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)
2-FW-138-2							
Studs: from all thread (1/2")				M&E#: 30-211590 ASP#15684	n/a	replace	NO
Nuts: 1/2"				M&E#: 30211860 ASP#15684	n/a	replace	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's side cover fasteners due to  
Applicable Manufacturer's Data Reports to be attached  
non-identifiability of material

Ref. JO:C21613-2 File:2-FW-138-2

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/10, 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 NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-17-96 to 6-6-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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. Antosbaugh Commissions Mich 0055, ENR N&I  
 Inspector's Signature National Board, State, Province, Endorsements

Date June 6 1996

~~ARKWRIGHT MUTUAL SYSTEM~~



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04-19-96  
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 C21613-5 2-FW-138-2  
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
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 Replaced	ASME Code Stamped (Yes or No)
2-FW-138-2	existing	n/a	n/a	n/a	n/a	Welding to pressure retaining part	NO

7. Description of Work (See Remarks)

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

N/A ☐ Other ☐ vt/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

## FORM NIS-2 (Back)

9. Remarks Weld anti rotation lug to disc/ material stand/comm grade  
 Applicable Manufacturer's Data Reports to be attached

Per engineering direction

Ref. JO:C21613-5 File: 2-FW-138-2 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 4/26, 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 1-9-96 to 6-7-96, 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. R. Fitzgerald  
 Inspector's Signature

Commissions MICH ODS, END NBT  
 National Board, State, Province, Endorsements

Date JUNE 7 1996

\*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 05-12-96  
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 C22012-2, 2-RC-102-L1, vlv  
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

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)
<u>2-RC-102-L1</u>							
Stem assy.				M&E#: 30-035574 ASP#13338	n/a	replace	NO
valve assy.				M&E#: 30-035209 ASP#14119	n/a	replace	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT-2 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 internals and Bonnet/packing chamber  
Applicable Manufacturer's Data Reports to be attached  
from valve assembly. VT-2 was performed on R57143-31

Ref. JO:C22012-2 File: 2-RC-102-L1

ISI Class: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/30, 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 4-11-96 to 6-17-96, 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.

MA Minter Commissions MICHIGAN, ENDET  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date JUNE 17 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 05-24-96  
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 C22014-2, 2-RC-102-L2, vlv  
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
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-RC-102-L2							
Stem assy (disc)	Conval			M&E# 30-035574 ASP#13759	n/a	replace	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 Mechanically replace the disc/stem assembly  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C22014-2 File: 2-RC-102-L2

ISI Class: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/30, 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 4-11-96 to 6-13-96, 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. R. Motron  
 Inspector's Signature

Commissions MICHIGAN, ENCLINE  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date June 13 1996

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

NIS-2-106-96

1. Owner AMERICAN ELECTRIC POWER Date 05/07/96  
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 C25545-01 R/R1415 & 1416  
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-R713A 1/4" CS PLATE	DUBOSE NATIONAL ENERGY SERVICES	ASP# 18638	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GCTS-R713A 3/8" CS PLATE	DUBOSE NATIONAL ENERGY SERVICES	ASP# 17466	N/A	A36 (93A)	N/A	REPLACE- MENT	NO
2-GCTS-R713A 3/8" CS PLATE	DUBOSE STEEL	ASP# 13808	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-ACTS-R821 1 1/2" SCH 80 CS PIPE	DUBOSE NATIONAL ENERGY SERVICES	ASP# 17210	N/A	SA106 GR B	N/A	REPLACE- MENT	NO

7. Description of Work MODIFIED SUPPORTS 2-GCTS-R713A AND 2-ACTS-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: C25545-01

DESIGN CHANGE: RFC-3113

REPAIR/REPLACEMENT TRAVELLER: RR95-1415

ISI CLASS: 2

## CERTIFICATE OF COMPLIANCE

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

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

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

Date MAY 30, 1996

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 2-14-95 to 6-7-96, 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.

MA. Matuszewska  
 Inspector's Signature

Commissions MICHIGAN ENDRIT  
 National Board, State, Province, Endorsements

Date JUNE 7 1996





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

NIS-2-105-96

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05/02/96  
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 C26972-04 R/R1451  
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 MAIN STEAM 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-MS-108-2							
4" SCH 80 CS PIPE	CONSOLIDATED POWER SUPPLY	ASP# 13928	N/A	SA106 GR B (89)	N/A	REPLACE-MENT	NO
4" SCH 80 CS 90° ELBOW	CONSOLIDATED POWER SUPPLY	ASP# 13283	N/A	SA234 WPB (90)	N/A	REPLACE-MENT	NO
4" SCH 80 SS TEE	MIDCO PIPE CO.	ASP# 732	N/A	A234 WPB (76)	N/A	REPLACE-MENT	NO
4" 600 ERV-Z BW SS NOZZLE CHECK VALVE	ENERTECH	ASP# 17023	N/A	PD96717 (A8383D) S/N# 10198	1994	REPLACE-MENT	NO

7. Description of Work REMOVE AND REPLACE EXISTING CHECK VALVE 2-MS-108-2
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.

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C26972-04

DESIGN CHANGE: MM441

REPAIR/REPLACEMENT TRAVELLER: RR95-1451

ISI CLASS: 3

## CERTIFICATE OF COMPLIANCE

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

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

Signed Wayne Cretsinger, Senior Planner Date MAY 6, 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 1-31-96 to 5-24-96, 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.

Wayne Cretsinger  
 Inspector's Signature

Commissions Mich. DCS, ENR N.E.I  
 National Board, State, Province, Endorsements

Date May 24 1996



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

NIS-2-104-96

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05/02/96  
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 C26973-01 R/R1452  
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 MAIN STEAM 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 or Replaced	ASME Code Stamped (Yes or No)
2-MS-108-3							
4" SCH 80 CS PIPE	CONSOLIDATED POWER SUPPLY	ASP# 13928	N/A	SA106 GR B (89)	N/A	REPLACE-MENT	NO
4" SCH 80 CS 90° ELBOW	CONSOLIDATED POWER SUPPLY	ASP# 13283	N/A	SA234 WPB (90)	N/A	REPLACE-MENT	NO
4" 600 ERV-Z BW SS NOZZLE CHECK VALVE	ENERTECH	ASP# 17023	N/A	PD96717 (A8383D) S/N# 10200	1994	REPLACE-MENT	NO
4" SCH 80 CS TEE	MIDCO PIPE CO.	ASP# 732	N/A	SA234 WPB	N/A	REPLACE-MENT	NO

7. Description of Work REMOVE AND REPLACE EXISTING CHECK VALVE 2-MS-108-3
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: C26973-01

DESIGN CHANGE: MM441

REPAIR/REPLACEMENT TRAVELLER: RR95-1452

ISI CLASS: 3

## CERTIFICATE OF COMPLIANCE

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

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

Signed Wayne Cretsinger, Senior Planner Date MAY 6, 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 11-15-95 to 5-23-96, 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.

Mark M. Matusz Commissions MICHIGAN, E. & N.E.  
 Inspector's Signature National Board, State, Province, Endorsements

Date May 23, 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 06-13-96  
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 C27083-4, 2-SV-54, (piping to)  
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 and Letdown
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)
2-SV-54							
piping				existing	n/a	re-align	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT/PT/RT/VT-2 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 the existing piping assembly to 2-SV-54 and re-aligned  
Applicable Manufacturer's Data Reports to be attached  
by welding to existing fittings/piping.

Ref. JO:C27073-4 File: 2-SV-54 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 7/26, 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 3-23-95 to 7-31-96, 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.

Michael J. G. NFE Commissions: Michigan, G. NFE  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date July 31 19 96

**NIS-2-080-95**

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-R1 3 x 3 x 1/4 CS ANGLE	CONSOLIDATED POWER SUPPLY	ASP# 15971	N/A	A36 (90)	N/A	REPLACE- MENT	N/A
2-GCTS-R8 3/8" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15946	N/A	A36 (91)	N/A	REPLACE- MENT	N/A
2-GCTS-R15 4 x 4 x 1/4 CS TUBE STEEL	DUBOSE NAT. ENERGY SERVICES	ASP# 17641	N/A	A500 GR B (93)	N/A	REPLACE- MENT	N/A
2-GCTS-R15 3 x 3 x 1/4 CS ANGLE	CONSOLIDATED POWER SUPPLY	ASP# 15971	N/A	A36 (90)	N/	REPLACE- MENT	N/A

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/A

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

Signed 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 1-3-95 to 1-4-96, 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. R. Matuszak Commissions MASS, EN, N, I  
Inspector's Signature National Board, State, Province, Endorsements

Date JANUARY 4 1996



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

NIS-2-078-95

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/29/95  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 3  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2  
Name  
One Cook Place, Bridgman, MI 49106 C27333-06 R/R1328, 1329 & 1330  
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-R22 1/2" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15946	N/A	A36 (91)	N/A	REPLACE- MENT	NO
2-GCTS-R22 1/4" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 16192	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GCTS-R24 1/2" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15946	N/A	A36 (91)	N/A	REPLACE- MENT	NO
2-GCTS-R24 1/8" CS PLATE	HUB INC.	ASP# 16652	N/A	A570 GR 45 (92)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFIED SUPPORTS 2-GCTS-R22, R24 AND R39
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A psi Test Temp. N/A °F

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





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

NIS-2-078-95

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/29/95  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 3  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2  
Name  
One Cook Place, Bridgman, MI 49106 C27333-06 R/R1328, 1329 & 1330  
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-R39 3/4" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 14793	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GCTS-R39 2 x 2 x 1/4 CS TUBE STEEL	HUB INC.	ASP# 16406	N/A	A500 GR B (90)	N/A	REPLACE- MENT	NO
2-GCTS-R39 3/4" HILTI BOLTS	HILTI	ASP# 14398	N/A	HILTI KBII (90)	N/A	REPLACE- MENT	NO

7. Description of Work MODIFIED SUPPORTS 2-GCTS-R22, R24 AND R39
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 N/A  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C27333-06 DESIGN CHANGE: RFC3113

REPAIR/REPLACEMENT TRAVELLER: RR95-1328 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. 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 4/3/95 to 1/4/96, 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. Muterspaugh Commissions Michigan, EN & NFI  
Inspector's Signature National Board, State, Province, Endorsements

Date January 4 19 96



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

NIS-2-092-96

1. Owner INDIANA MICHIGAN POWER COMPANY Date 02/19/96  
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 C27333-16 R/R1438  
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 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-GCCW-R300 3/8" CS PLATE	DUBOSE STEEL	ASP# 13808	N/A	A36 (90)	N/A	REPLACE-MENT	NO
2-GCCW-R300 3/4" CS PLATE	DUBOSE STEEL	ASP# 12776	N/A	A36 (89)	N/A	REPLACE-MENT	NO
2-GCCW-R300 6 x 6 x 3/4" CS TUBE STEEL	DUBOSE NATIONAL ENERGY SERVICES	ASP# 14591	N/A	A500 GR B (90)	N/A	REPLACE-MENT	NO
2-GCCW-R300 1/2" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15650	N/A	A36 (89)	N/A	REPLACE-MENT	NO

7. Description of Work MODIFIED SUPPORT 2-GCCW-R300
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: C27333-16

DESIGN CHANGE: RFC3113

REPAIR/REPLACEMENT TRAVELLER: RR95-1438

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 APRIL, 22, 1996

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 9-22-95 to 1-22-96, 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.

[Signature]  
Inspector's Signature

Commissions MICH-BOSS END N.E.I.

National Board, State, Province, Endorsements

Date April 26, 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 05-07-96  
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 C27358-4,6,8// 2-IMO-128.vlv  
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
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-IMO-128							
Nuts				M&E#: 30-035910 ASP#10541	n/a	replace	NO
Studs				M&E#: 30-036000 ASP#10541	n/a	replace	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_

N/A \_\_\_\_\_ Other VT-2, VT Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F  
Surf. Exam

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 Grind weld to remove temp. leak seal clamp from body/bonnet joint  
 Applicable Manufacturer's Data Reports to be attached

& blend metal by grinding, grind relief in gasket o.d. to seal  
weld area, replace bolting & seal weld gasket joint.

Ref. JO:C27358-4,6,6. File: 2-IMO-128 ISI Class: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/10, 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 NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 1-13-96 to 5-30-96, 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.

MR. M. J. M. [Signature] Commissions Mich ODSS, EN D N E I  
 Inspector's Signature National Board, State, Province, Endorsements

Date May 30 1996

ARKWRIGHT MUTUAL SYSTEM 5/30/96

**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 04-19-96  
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 C27493-1,5,6,12, 2-FW-132-4  
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 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 or Replaced	ASME Code Stamped (Yes or No)
2-FW-132-4	existing body material: SA-216 grWCB	n/a	n/a	n/a	n/a	Welding to pressure retaining part and machining	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other ☐ vt/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 Weld anti rotation lug to disc/ material stand/comm grade and  
Applicable Manufacturer's Data Reports to be attached  
machined valve bonnet/body per Engineering direction which in-  
cluded seal welding body to bonnet joint and bolting.  
Ref. JO:C27493-5 File: 2-FW-132-4 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/30, 1976  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-16-96 to 6-10-96, 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.

MA Mutares Commissions MASS, ENCL N&I  
 Inspector's Signature National Board, State, Province, Endorsements

Date June 10 1996 \*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 04-11-96  
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 C:27968-3 2-CCR-460  
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. NH16-1 Code Case N/A  
(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-CCR-460	Neles Jamesbury			P.O.# 66047- 042-6X ASP# 18728	n/a	replaced	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic          Pneumatic          Nominal Operating Pressure ✓

N/A          Other VT-2 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 Replace valve by welding

Applicable Manufacturer's Data Reports to be attached

Ref. JO:C27968-3 File: 2-CCR-460ISI 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 Frank Pisarsky, Maint. Eng. Supervisor Date 8/6, 19 96

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3/28/95 to 6/7/96, 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.

MA Mutaspaul  
 Inspector's Signature

Commissions MIL COSS, END N&I  
 National Board, State, Province, Endorsements

Date August 6  
5:00 PM 19 96

\*FACTORY MUTUAL SYSTEM

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

Owner INDIANA MICHIGAN POWER COMPANY

Date 05-01-96

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

C27971-3, 2-CCR-462 3"vlv

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)
2-CCR-462 3" globe vlv	Neles Jamesbury			P.O.#: 66046- 042-6 ASP#18728	n/a	replace	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_

N/A \_\_\_\_\_ Other VT/PT/RT/VT-2 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 Valve was replaced by welding.Applicable Manufacturer's Data Reports to be attached\*\*Valve was special ordered & had no M&E#, therefore, no issueSlip is available. MMS & Temp screen records are includedRef. JO:C27971-3 File:2-CCR-462 ISI Class: 2/3

## CERTIFICATE OF COMPLIANCE

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

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

Frank Pisarsky  
 Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/10, 19 96  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3/23/95 to 6/7/96, 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.

Frank Pisarsky  
 Inspector's Signature

Commissions Mich. Doss, End NFI

National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date June 7 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 05-13-96  
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 C28206-1, 2-GRC-S562, snubber  
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
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-GRC-S562							
Config."A"kit	Grinnell			M&E#: 30-040550 ASP#17863	n/a	replace	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT-3/4 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 a configuration "A" kit which consists of  
Applicable Manufacturer's Data Reports to be attached  
a control valve block and reservoir on the existing snubber  
per MM-300.
- Ref. JO:C28206-1 File: 2-GRC-S562 ISI Class: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/29, 19 96  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of 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 6-17-96, 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.

MR. [Signature] Commissions Mich 3055, END NBT  
 Inspector's Signature National Board, State, Province, Endorsements

Date June 17 19 96

\*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-07-96  
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 C28207-1, 2-GRC-S575, snubber  
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

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-GRC-S575							
Configuration "A" kit				M&E#: 30-040550 ASP#17863	n/a	replace	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_

N/A \_\_\_\_\_ Other VT-3/4 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 Per MM-300, a configuration "A" kit which consists of a control  
Applicable Manufacturer's Data Reports to be attached

valve block and reservoir was installed on the  
existing snubber

Ref. JO:C28207-1 File: 2-GRC-S575 ISI Class: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/10, 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 NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2-22-95 to 6-6-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 Mich 0055, ENR N.I.  
 Inspector's Signature National Board, State, Province, Endorsements

~~\*FACTORY MUTUAL SYSTEM~~

Date JUNE 6 19 96

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-13-96  
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 C28208-1, 2-GRC-S582, snubber  
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
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 Replaced	ASME Code Stamped (Yes or No)
2-GRC-S582							
Config."A" Kit	Grinnel			M&E#: 30-040550 ASP#17863	n/a	replace	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT-3/4 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 Install a configuration "A" kit which consists of a  
Applicable Manufacturer's Data Reports to be attached  
control valve block and reservoir

Ref. JO:C28208-1 File: 2-GRC-S582 ISI Class: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/29, 19 76  
 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 6-17-96, 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.

John J. Matusz  
 Inspector's Signature

Commissions MICH 0055 ENGINEER  
 National Board, State, Province, Endorsements

Date JUNE 17 19 76

\*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-10-96  
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 c28126, 2-GBD-S569-L, snubber  
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 Blowdown system
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GBD-S569-L							
configuration "A" kit				M&E#: 30-040550 ASP#17863	n/a	replace	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT-3/4 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 a configuration "A" kit on the existing snubber  
Applicable Manufacturer's Data Reports to be attached  
which consists of a control valve block and reservoir per  
MM-300  
Ref. JO:C28216-1 File: 2-GBD-S569-L ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/27, 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 2-22-95 to 6-17-96, 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.

MR. [Signature] Commissions Mich 0055, E.N.D.N.E.I  
 Inspector's Signature National Board, State, Province, Endorsements

Date June 17 19 96

\*FACTORY MUTUAL SYSTEM



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-10-96  
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 R42004-1, 2-GBD-S569-U, snubber  
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 Blowdown piping

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 Replaced	ASME Code Stamped (Yes or No)
2-GBD-S569-U							
Suppressor assy.				M&E#: 30-024695 ASP#858	n/a	replace	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT-4/3 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 the sway strut/supporessor assembly on the  
Applicable Manufacturer's Data Reports to be attached

existing snubber.

\*\*note: this snubber had a config "A" kit previously installed

Ref. JO:R42489

File:2-GBD-S569-U

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/30, 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 4-5-96 to 6-17-96, 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.

Frank Pisarsky Commissions Mich, Mass, Endorsements  
 Inspector's Signature National Board, State, Province, Endorsements

Date JUNE 17 1996

\*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-07-96  
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 C28218-1, 2-GBD-S569-U, snubber  
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 Blowdown system
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GBD-S569-U							
Configuration "A" kit				M&E#: 30-040600 ASP#17850	n/a	replace	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT-3/4 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 Install a configuration "A" kit per MM-300 to existing  
Applicable Manufacturer's Data Reports to be attached  
snubber which consists of a control valve block and reservoir

Ref. JO:C28218-1 File: 2-GBD-S569-U

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/30, 19 96  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of 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 6-17-96, 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.

MR. Muterspaugh Commissions Michigan, END NET  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date JUNE 17 19 96

Owner INDIANA MICHIGAN POWER COMPANY Date 05-07-96  
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 C28221-1, 2-GSI-S575, snubber  
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)
2-GSI-S575							
configuration "A" kit				M&E#: 30-040551 ASP#18172	n/a	replace	NO

7. Description of Work \_\_\_\_\_ (See Remarks)

8. Test Conducted: Hydrostatic\_\_\_\_\_ Pneumatic\_\_\_\_\_ Nominal Operating Pressure\_\_\_\_\_

N/A \_\_\_\_\_ Other VT-3/4 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 Per MM-300, a configuration "A" kit was installed  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C28221-1 File: 2-GSI-S575 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/10, 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 NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2-22-95 to 6-6-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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. Muterspaugh  
 Inspector's Signature

Commissions Mich. Doss, END N&I  
 National Board, State, Province, Endorsements

~~FACTORY-MUTUAL SYSTEM~~

Date JUNE 6 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 05-06-96  
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 C28222-1, 2-GCTS-S61 snubber  
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  
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-S61							
Configuration "A" kit	Grinnell			M&E#: 30-040551 ASP#15697	n/a	replace	NO

7. Description of Work (See Remarks)  
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT-3/4 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 per MM300  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C28222-1 File: 2-GCTS-S61 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/10, 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 NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2-22-95 to 6-6-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 J. Stangor Commissions MICHIGAN, ENDRSNT  
 Inspector's Signature National Board, State, Province, Endorsements

Date JUNE 6 1996

~~ARKWRIGHT MUTUAL SYSTEM~~



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-29-96  
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 C28267-2, 2-NMO-152, vlv  
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 Pressurizer system
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983;  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-NMO 152	Velan						
Wedge	SA-182 grFXM-19 w/Stellite			30-044148 ASP#18328	n/a	replace & machine	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 the valve's wedge per MM-526 and machined to fit.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C28267-2 File: 2-NMO-152 ISI Class: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/30, 19 96  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 6-30-95 to 6-11-96, 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.

MA Mutispaugh Commissions MICH 0055, END NET  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date June 11 19 96

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-29-96  
 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 C28268-2, 2-NMO-153, vlv  
 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 Pressurizer system
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replaced	ASME Code Stamped (Yes or No)
2-NMO 153	Velan						
Wedge	SA-182 grFXM-19 w/Stellite			30-044148 ASP#18328	n/a	replace & machine	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 the valve's wedge per MM-526 and machined to fit.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C28268-2 File: 2-NMO-153 ISI Class: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/30, 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 4-17-96 to 6-11-96, 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 Metzger Commissions Mich 0055, GND NIT  
 Inspector's Signature National Board, State, Province, Endorsements

Date June 11 19 96

\*FACTORY MUTUAL SYSTEM

1. Owner INDIANA MICHIGAN POWER COMPANY Date 06-14-96  
 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 C28269-2.21 2-QMO-200  
 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 system
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 or Replaced	ASME Code Stamped (Yes or No)
2-QMO-200	Neles Jamesbury SA-351 grCF8M			P.O.# 02011 041 5 ASP#18583	n/a	replace	NO
pipe new & existing	SA-376 grTP304			P.O.# 66174-042-5 ASP#18075	n/a	replace	NO
Elbow	SA-403 gr. WP304			P.O.# 66153-042-5 ASP#18407	n/a	replace	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ Other VT/PT/RT/VT-2 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 Replace valve per MM-526(DCP-7) by welding. The prefab work  
Applicable Manufacturer's Data Reports to be attached  
for this valve & 2-QMO-201 was performed on the activity & the  
field installation for both valves was performed on C28271-2.  
Ref. JO:C28269-21/File:2-QMO-200 ISI Class: 2

## 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 for Maint. Eng. Supervisor Date 8/7/96, 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 4-17-95 to 7-31-96, 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.

M. J. Matusz Commissions Mich 0055, END NBT  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date July 31 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 06-14-96  
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 C28271-2, 2-QMO-201, 3" valve  
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 system
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)
2-QMO-201	Neles Jamesbury SA-351 grCF8M			P.O.# 02011 041 5 ASP#18583	n/a	replace	NO
Steel for shim on support 2-GCS-L113	ASTM A-36			P.O.# 66040- 040-6 ASP#18613	n/a	replace	NO
Pipe	SA-376 grTP304			existing	n/a	weld to	NO
Angle Steel 2-GCS-L113	ASTM A-36			30-153017 ASP#12927	n/a	replace	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_

N/A \_\_\_\_\_ Other VT/PT//MT/RT/VT-2/VT-3 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 by welding in addition to replacing shims and  
Applicable Manufacturer's Data Reports to be attached  
angle steel to support 2-GCS-L113 by welding. This work was  
performed to MM-526(DCP-7)\*\*prefab work for both valves  
2-QMO-201 and 2-QMO-200 was performed on C28269-21 and field  
weld done on this job order  
Ref. JO:C28271-2 File: 2-QMO-201 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 7/25, 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 4/17/96 to 8/1/96, 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.

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

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

\*FACTORY MUTUAL SYSTEM

Date August 1 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 05-01-96  
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 C28290-28, 2-OMO-225 2"vly  
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 Centrifugal Charging system  
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-QMO-225							
Plug/Stem assembly				ASP#18574 Part# 95S69428-520C	n/a	replace	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 Due to inadvertent over torquing during stroke test,  
Applicable Manufacturer's Data Reports to be attached  
the valve's plug and stem assembly was replaced.

Ref. JO:C28290-28 File:2-OMO-225

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/10, 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 NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4/2/96 to 5/2/96, 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.

Inspector's Signature

Commissions MICHIGAN, END N.E.T.

National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date JUNE 7 19 96

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

NIS-2-110-96

1. Owner AMERICAN ELECTRIC POWER Date 05/07/96  
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 C28290-14 R/R1413  
Address \_\_\_\_\_ Repair Org. P.O. No., Job No., etc \_\_\_\_\_
3. Work Performed by Installation Services Type Code Symbol Stamp N/A  
Name \_\_\_\_\_ Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address \_\_\_\_\_
4. Identification of System CHEMICAL AND VOLUME CONTROL ASME CODE CLASS 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-ACS-R914 3/8" x 2" U-BOLT	NPS INDUSTRIES	ASP# 13582	N/A	SA36	N/A	REPLACE-MENT	NO
2-ACS-R914 W4 x 13 BEAM	DUBOSE STEEL	ASP# 18081	N/A	A36 (90)	N/A	REPLACE-MENT	NO
2-ACS-R914 1/2" CS PLATE	ENGERY & PROCESS CORP.	ASP# 17202	N/A	A36 (93a)	N/A	REPLACE-MENT	NO
2-ACS-R914 1/2" HILTI BOLT	HILTI	ASP# 16478	N/A	HILTI KB II (93)	N/A	REPLACE-MENT	NO
2-ACS-R914 3 x 3 x 3/4 CS ANGLE	CONSOLIDATED POWER SUPPLY	ASP# 15971	N/A	A36 (90)	N/A	REPLACE-MENT	NO

7. Description of Work REMOVED EXISTING AND INSTALLED NEW SUPPORT 2-ACS-R914
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: C28290-14

DESIGN CHANGE: DCP-0007 (MM-526)

REPAIR/REPLACEMENT TRAVELLER: RR96-1413

ISI CLASS: 2

## CERTIFICATE OF COMPLIANCE

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

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

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

Date MAY 7, 1996

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 3-14-95 to 5-24-96, 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.

M. J. Thiering  
 Inspector's Signature

Commissions MICHIGAN, ENQNI

National Board, State, Province, Endorsements

Date May 24 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 06-14-96  
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 C28290-2,11,31,2-OMO-225, vlv  
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 system
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)
2-QMO-225	Neles Jamesbury SA-351 gr. CF8M			P.O.# 02011 041 5 ASP#18574	n/a	replace	NO
Elbow	SA-182 F304 SA-403 WP304			30-017265 ASP#7569	n/a	replace	NO
Pipe	SA-376 Gr.TP304			30-016812 ASP#7762	n/a	replace	NO
Plug/Stem assy				ASP#18574 Part# 95S69428- 520C	n/a	replace	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT/PT/RT/VT-2 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 the valve and adjacent piping by welding per MM-526  
Applicable Manufacturer's Data Reports to be attached

(DCP-7). The plug and stem assembly was replaced due to damage  
which occurred during testing.

Ref. JO:C28290-2.11. File: 2QMO-225

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky for Maint. Eng. Supervisor Date 7/25, 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 4/10/95 to 7/31/96, 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.

MR. [Signature]  
 Inspector's Signature

Commissions Michigan 0035, ENCL NBT  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date July 31 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 4-23-96  
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 C28292-02, 11 2-OMO-226 DCP-7  
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
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)
2-QMO-226 Valve	Neles Jamesbury SA-351 grCF8M			P.O.# 02011 041 05 ASP#18574	n/a	replace	NO
Elbow	SA-182 F304 SA-403 WP304			30-017265 ASP#7569	n/a	replace	NO
Pipe	SA-376 gr TP304			30-016812 ASP#7762	n/a	replace	NO

7. Description of Work \_\_\_\_\_ (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT/PT/RT/VT-2 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 the valve and adjacent piping by welding per MM-526  
Applicable Manufacturer's Data Reports to be attached

(DCP-7).

Ref. JO:C28292-2.11. File: 2-OMO-226

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 7/25, 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 5-30-95 to 7-31-96, 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.

Michael Endrey Commissions Michigan, Endrey  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 31 1996

\*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 4-30-96  
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 C28459-2, 2-CS-439-2, 1"vly  
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
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-CS-439-2 valve (1")	Conval			existing	n/a	repair	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 The inbody seats were "clean cut" with a Conval manual  
Applicable Manufacturer's Data Reports to be attached  
Seat cutter. Seats are hard face material Nitronic 50

Ref. JO:C38459-2 File:2-CS-439-2

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/10, 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 NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-17-96 to 6-7-96, 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.

Mr. Motorspaul Commissions Mich 0055, END I & II  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date JUNE 7 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 05-29-96  
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 C28498-2, 2-ORV-162, vlv  
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)
2-ORV-162							
Nuts	SA-194 gr8F			30-212140 ASP#16474	n/a	replace	NO
All thread	SA-453 gr660			30-212310 ASP#17977	n/a	replace	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 Bonnet to body fasteners were replaced with s/s material  
Applicable Manufacturer's Data Reports to be attached

Per Component Evaluation CE-96-0103

Ref. JO:C28498-2 File: 2-ORV-162 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/30, 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 1-17-96 to 6-10-96, 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.

MA [Signature]  
 Inspector's Signature

Commissions MICH0055, ENDNET

National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date June 10 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 04-30-96  
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 C30016-3, 2-CS-547 1"v1v  
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
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-CS-547	Conval			existing	n/a	repair	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 The inbody seating surface which is is hardfaced with  
Applicable Manufacturer's Data Reports to be attached

Nitronic 50, was "clean cut" with the Conval manual  
cutting tool.

Ref. JO:C30016-3 File: 2-CS-547 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Date 5/10, 19 96  
Maint. Eng. Supervisor  
 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 4/17/96 to 6/7/96, 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 9055, E&S N&I

National Board, State, Province, Endorsements

Date JUNE 7 19 96

\*FACTORY MUTUAL SYSTEM



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-24-96  
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 C30192-2, 2-ORV-111, vlv.  
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
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-ORV-111							
Bonnet	SA -351 grade CF8M			M&E#: 30-035930 ASP# 17680	n/a	replace	NO
Trim/plug assy.	ASTM A-276 TP.420			30-036150 ASP#18681	n/a	replace	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT-2 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 the valve' trim assembly(plug) and Bonnet mechanically  
 Applicable Manufacturer's Data Reports to be attached

Ref: JO: C30192-2 File: 2-ORV-111 ISI Class: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/29, 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 6-5-95 to 6-13-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 Mich 0035, ENG NIT  
 Inspector's Signature National Board, State, Province, Endorsements

Date JUN 13 1996

\*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-23-96  
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 C30263-2, f2-ORV-112, 3" vlv  
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.
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-ORV-112							
Plug				M&E#: 30-042060 ASP#17999	n/a	replace	NO
Seat Ring				M&E#: 30-042230 ASP#16010	n/a	replace	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 the valve's plug and seat ring mechanically  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C30263-2 File: 2-ORV-112 ISI Class: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/29, 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 6/13/95 to 6/17/96, 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, GUNNIE

National Board, State, Province, Endorsements

Date June 17 19 96

\*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 07-15-96  
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 C31874-3, 2-IMO-326, 8" valve  
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/Safety injection system
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired-Replaced or Replacement	ASME Code Stamped (Yes or No)
2-IMO-326	SA-351 grCF8M			existing	n/a	repair	NO
All thread	SA-453 gr660			30-212290 ASP#17818	n/a	replace	NO
Nuts	SA-194 gr 8F			30-212090 ASP#11191 ASP#16473	n/a	replace	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other surf. exam 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 the valve's seating surface due to nicks/cuts and  
Applicable Manufacturer's Data Reports to be attached  
bonnet/body fasteners replaced. ( machining was also addressed  
Per PMI-5023)  
Ref. JO:C31874-3 File: 2-IMO-326 ISI Class: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 8/1, 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 7/15/96 to 8/5/96, 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.

FRANK PISARSKY Commissions MICH. 0255, END N.E.I.  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date AUGUST 5 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 05-30-96  
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 C32663-1, 2-MRV-211, vlv  
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)
2-MRV-211							
Plug	ASTM A582 541600			30-040005 ASP#15863	n/a	replace	NO
Seat Ring	ASTM A582 541600			30-040120 ASP#12803	n/a	replace	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 internals including the Plug and seat ring  
Applicable Manufacturer's Data Reports to be attached  
which were installed mechanically.

Ref. JO:C32663-1 File: 2-MRV-211 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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 7/26, 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 7-11-95 to 8-1-96, 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.

MR. [Signature]  
 Inspector's Signature

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

\*FACTORY MUTUAL SYSTEM

Date August 1 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 05-01-96  
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 C34427-4, 2-FW-138-1  
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 Turbine Driven Auxiliary 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 or Replaced	ASME Code Stamped (Yes or No)
2-FW-138-1				existing	n/a	repair	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 Welded anti-rotation lug on check valve disc  
 Applicable Manufacturer's Data Reports to be attached

Ref. JO:C34427-4 File: 2-FW-138-1

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/10, 19 96  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 1-17-96 to 6-6-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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

Date JUNE 6 19 96

~~\*FACTORY MUTUAL SYSTEM~~

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-27-96  
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 C34474-6, 2-IMO-221, vlv(disc)  
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  
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-IMO-221							
Disc	SA-351 grCF8M with Stellite hardfacing			existing	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 Machined the valve's existing disc  
 Applicable Manufacturer's Data Reports to be attached

Ref. JO:C34474-6 File: 2-IMO-221 ISI Class: 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 5/30, 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 4-30-96 to 6-11-96, 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.

Max M. [Signature] Commissions Mich 0055, ENDR  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date June 11 1996

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

NIS-2-113-96

1. Owner AMERICAN ELECTRIC POWER Date 05/03/96  
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 C34683-04 R/R1463  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System RESIDUAL HEAT REMOVAL ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 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 Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GRH-R506 2" CS PLATE	DUBOSE STEEL	ASP# 11796	N/A	A36 (88c)	N/A	REPLACE- MENT	NO
2-GRH-R506 1" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15295	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GRH-R506 1/2" CS PLATE	DUBOSE NATIONAL ENERGY SERVICES	ASP# 18041	N/A	A36 (91)	N/A	REPLACE- MENT	NO
2-GRH-R506 3/8" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15120	N/A	A36 (90)	N/A	REPLACE- MENT	NO
2-GRH-R506 1/4" CS PLATE	DUBOSE NATIONAL ENERGY SERVICES	ASP# 18084	N/A	SA36	N/A	REPLACE- MENT	NO

7. Description of Work REWORKED SUPPORT 2-GRH-R506.
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: C34683-04

DESIGN CHANGE: N/A (LBPRP)

REPAIR/REPLACEMENT TRAVELLER: RR95-1463

ISI CLASS: 2

## CERTIFICATE OF COMPLIANCE

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

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

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

Date MAY 30, 1996

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 2-14-96 to 6-7-96, 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, ENJOINT

National Board, State, Province, Endorsements

Date JUNE 7 1996





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

NIS-2-118-96

1. Owner AMERICAN ELECTRIC POWER Date 05/04/96  
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 C35127-01 R/R1530  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHEMICAL & VOLUME CONTROL ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed. N/A Add. N-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)
2-CS-444-1 2" SCH 160 SS PIPE	CONSOLIDATED POWER SUPPLY	ASP# 18542	N/A	SA376 TP304	N/A	REPLACE- MENT	NO
2-CS-444-1 2" 1500# SS SW CHECK VALVE	CONVAL INC.	ASP# 17400	N/A	SA182 F316 Y200C58	N/A	REPLACE- MENT	NO

7. Description of Work REMOVE AND REPLACE EXISTING CHECK VALVE 2-CS-444-1
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: C35127-01

DESIGN CHANGE: MM404

REPAIR/REPLACEMENT TRAVELLER: RR95-1530

ISI CLASS: 3

## CERTIFICATE OF COMPLIANCE

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

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

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

Date MAY 30, 1996

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 4-15-96 to 6-7-96, 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 Matuszak  
 Inspector's Signature

Commissions MICHIGAN, ENDORSE

National Board, State, Province, Endorsements

Date JUNE 7 1996



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

**NIS-2-111-96**

1. Owner AMERICAN ELECTRIC POWER Date 05/07/96  
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 C34683-01 R/R1462  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 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-GCS-R537 1/2" CS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15946	N/A	A36 (91)	N/A	REPLACE- MENT	NO

7. Description of Work REWORKED SUPPORT 2-GCS-R537.

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: C34683-01

DESIGN CHANGE: N/A (LBPRP)

REPAIR/REPLACEMENT TRAVELLER: RR95-1462

ISI CLASS: 2

## CERTIFICATE OF COMPLIANCE

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

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

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

Date MAY 7, 1996

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 2-14-96 to 5-23-96, 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 MASS, ENR NIT

National Board, State, Province, Endorsements

Date MAY 23 19 96



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

NIS-2-112-96

1. Owner AMERICAN ELECTRIC POWER Date 05/03/96  
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 C34683-02 R/R1466  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 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-GCS-R621 3/8" x 2" U-BOLT	NPS INDUSTRIES	ASP# 13582	N/A	SA36	N/A	REPLACE-MENT	NO

7. Description of Work REWORKED SUPPORT 2-GCS-R621.
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: C34683-02

DESIGN CHANGE: N/A (LBPRP)

REPAIR/REPLACEMENT TRAVELLER: RR95-1466

ISI CLASS: 2

## CERTIFICATE OF COMPLIANCE

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

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

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

Date MAY 7, 1996

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 2-14-96 to 3-23-96, 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 [Signature]Commissions M.I.C. 2055, ENR 112

National Board, State, Province, Endorsements

Date 3/23 19 96



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

NIS-2-114-96

1. Owner AMERICAN ELECTRIC POWER Date 05/03/96  
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 C34683-05 R/R1464  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System SAFETY INJECTION ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 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-GSI-R540 1/2" SS PLATE	CONSOLIDATED POWER SUPPLY	ASP# 15677	N/A	A240 GR 304 (91A)	N/A	REPLACE- MENT	NO

7. Description of Work REWORKED SUPPORT 2-GSI-R540.

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: C34683-05

DESIGN CHANGE: N/A (LBPRP)

REPAIR/REPLACEMENT TRAVELLER: RR95-1464

ISI CLASS: 2

## CERTIFICATE OF COMPLIANCE

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

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

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

Date MAY 7, 1996

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 2-14-96 to 5-24-96, 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.

M. J. Motenbaugh  
 Inspector's Signature

Commissions MICHIGAN, EN. D. N. I. T.

National Board, State, Province, Endorsements

Date May 24 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 05-28-96  
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 C34687-3, 2-NRV-164, valve  
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
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-NRV-164							
Trim assy(plug)	SA-564 gr 630			M&E#: 30-036074 ASP#15705	n/a	replace	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 Mechanically replaced the trim assembly which includes the  
Applicable Manufacturer's Data Reports to be attached  
plug.

Ref. JO:C34687-3 File: 2-NRV-164 ISI Class: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/30, 19 96  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-29-96 to 6-11-96, 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.

MR. Antermugh Commissions MICH 0055 EN-INSI  
 Inspector's Signature National Board, State, Province, Endorsements

Date JUNE 11 19 96

\*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-28-96  
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 C35132-04, 2-MRV-233, vlv  
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 system.
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case \_\_\_\_\_  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other. Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-MRV-233							
Trim assy. (Plug)	Fisher Controls			M&E#: 30-040030 ASP#15282	n/a	replace	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 Mechanically replaced the trim assembly which includes the  
Applicable Manufacturer's Data Reports to be attached

Plug.

Ref. JO:C35132-4 File: 2-MRV-233 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/30, 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 4-8-96 to 6-11-96, 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.

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

Date June 11 1996

\*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-29-96  
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 C35175-2, 2-ORV-160, vlv  
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)
2-ORV-160							
Trim assy (disc)	s/s			30-036134 ASP#17986	n/a	replace	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 the trim assembly which included the disc. Rather than  
Applicable Manufacturer's Data Reports to be attached

as initially planned, the bonnet fasteners were "not" changed out  
due to ALARA considerations.

Ref. JO:C35175-2 File: 2-ORV-160 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/24, 19 96  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3-14-96 to 6-10-96, 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.

MA Winterhagen Commissions MICH 0055, END NFI  
 Inspector's Signature National Board, State, Province, Endorsements

~~\*FACTORY MUTUAL SYSTEM\*~~

Date June 10 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 05-29-96  
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 C35176-2, 2-ORV-161, vlv  
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)
2-QRV-161							
All thread	SA-453 gr660			30-212310 ASP#17977	n/a	replace	NO
Nuts	SA-194 gr 8F			30-212140 ASP#16474	n/a	replace	NO
Trim assy	s/s			30-036134 ASP#14479	n/a	replace	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 The existing bonnet/body fasteners were replaced with stainless  
Applicable Manufacturer's Data Reports to be attached

steel fasteners per Component Eval CE-96-0103. Additionally,  
the trim assembly including the disc was replaced.

Ref. JO:C35176-2 File: 2-ORV-161 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/30, 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 4/3/96 to 6/10/96, 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.

[Signature] Commissions Mich, Mass, ENR NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date JUNE 10 19 96

\*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-27-96  
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 C35864-1, 2-ORV-301, vlv  
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
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)
2-ORV-301							
Trim assy. (Plug)				M&E#: 30-036122 ASP#17372	n/a	replace	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 Mechanically replaced the trim assembly which included  
Applicable Manufacturer's Data Reports to be attached

the plug

Ref. JO:C35864-1 File: 2-ORV-301 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Date 5/30, 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 4-30-96 to 6-11-96, 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.

Frank Pisarsky  
 Inspector's Signature

Commissions Michigan, End N&I  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date June 11 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 05-29-96  
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 C 35878-2, 2-ORV-400  
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 Boric Acid and Emergency Boration
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 Replaced or Replacement	ASME Code Stamped (Yes or No)
2-ORV-400							
bonnet/actu. assembly				30-040529 ASP#14553	n/a	replace	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
N/A \_\_\_\_\_ Other VT-2 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 Mechanically replaced the actuator/bonnet assembly  
 Applicable Manufacturer's Data Reports to be attached

Ref. JO:C35878-2 File: 2-ORV-400 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/29, 19 96  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 5-1-96 to 6-10-96, 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.

Frank Pisarsky  
 Inspector's Signature

Commissions MICH 0055, ENDORSEMENT  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date JUNE 10 19 96

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

Owner INDIANA MICHIGAN POWER COMPANY  
Name

Date 05-30-96

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

Sheet 1 of 2

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

Unit # 2

One Cook Place, Bridgman, MI 49106  
Address

R26440-2,8, 2-CS-292, vlv  
Repair Org. P.O. No., Job No., etc

3. Work Performed by Maintenance Department  
Name

Type Code Symbol Stamp N/A

Authorization No. N/A

Same as #2  
Address

Expiration Date N/A

4. Identification of System Chemical Volume Control System

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 or Replaced	ASME Code Stamped (Yes or No)
2-CS-292	Conval SA-182 F316			30-035085 ASP#18264	n/a	replace	NO
Pipe	SA-106 gr312 TP304			30-016711 ASP#13597	n/a	replace	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_

N/A \_\_\_\_\_ Other VT/PT/VT-2 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 adjacent piping by welding. The valve was  
Applicable Manufacturer's Data Reports to be attached  
a "non identical replacement" done per MM-404 subtask# 274

Ref. JO:R26440-2.8 File: 2-CS-292

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Date 7/26, 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 12/11/95 to 2/11/96, 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.

Michael J. Pappas  
 Inspector's Signature

Commissions Michigan 0055, E-ONE  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date August 1 1996

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

Owner INDIANA MICHIGAN POWER COMPANY  
Name

Date 07-30-96

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

Sheet 1 of 2

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

Unit # 2

One Cook Place, Bridgman, MI 49106  
Address

R33409-8, 2-CCM-432, 1-1/2" VALVE  
Repair Org. P.O. No., Job No., etc

3. Work Performed by Maintenance Department  
Name

Type Code Symbol Stamp N/A

Authorization No. N/A

Same as #2  
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)
2-CCM-432	conval						
bonnet/pack- ing chamber	SA-479 with hardfacing			30-035206 ASP# 3769	n/a	replace	NO
stem assy.	SA-479 with hardfacing			30-035566 ASP# 318	n/a	replace	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure ✓  
N/A \_\_\_\_\_ Other VT-2 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 Procured new valve for some replacement parts (bonnet/packing  
Applicable Manufacturer's Data Reports to be attached  
Chamber) and replaced disc included with stem assembly.

Ref. JO:R33409-8 File:2-CCM-432

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 7/31, 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 4-12-96 to 2-5-96, 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.

Mike Winterpaul Commissions Mich 0055, END NfE  
 Inspector's Signature National Board, State, Province, Endorsements

Date August 5 19 96

\*FACTORY MUTUAL SYSTEM

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

NIS-2-115-96

1. Owner AMERICAN ELECTRIC POWER Date 05/07/96  
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 R39269-05 R/R1457  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REACTOR COOLANT ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 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-SV-45A	CROSBY	N56499-00-0002	N/A	STYLE HB-86-BP-E	N/A	REPLACED	NO
1 1/2" SS THREADED ROD	CARDINAL	ASP# 15984	N/A	SA453 GR 660	N/A	REPLACE-MENT	NO
1" SS THREADED ROD	CARDINAL	ASP# 17603	N/A	SA453 GR 660	N/A	REPLACE-MENT	NO
1" SS H.H. NUTS	CARDINAL	ASP# 17651	N/A	SA194 GR 8F	N/A	REPLACE-MENT	NO

7. Description of Work REMOVED AND REPLACED VALVE 2-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: R39269-05

DESIGN CHANGE: N/A

REPAIR/REPLACEMENT TRAVELLER: RR96-1457

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  
Owner or Owner's Designee, Title

Date MAY 7, 19 96

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 4-12-96 to 5-24-96, 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.

MA Whittemore Commissions MILK DOSS, END NIT  
Inspector's Signature National Board, State, Province, Endorsements

Date May 24 19 96



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

NIS-2-117-96

1. Owner AMERICAN ELECTRIC POWER Date 05/07/96  
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 R39270-05 R/R1459  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REACTOR COOLANT ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 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-SV-45C	CROSBY	RV8010-C	N/A	STYLE HB-86-BP-E	N/A	REPLACED	NO
1" SS H.H. NUTS	CARDINAL	ASP# 17651	N/A	SA194 GR 8F	N/A	REPLACE-MENT	NO
1" SS THREADED ROD	CARDINAL	ASP# 17603	N/A	SA453 GR 660	N/A	REPLACE-MENT	NO

7. Description of Work REMOVED AND REPLACED VALVE 2-SV-45C 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: R39270-05

DESIGN CHANGE: N/A

REPAIR/REPLACEMENT TRAVELLER: RR96-1459

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  
 Owner or Owner's Designee, Title

Date MAY 7, 1996

## 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 1-16-96 to 5-24-96, 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 [Signature]Commissions MICH 0055, END N.E.I.

National Board, State, Province, Endorsements

Date May 24 19 96



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

NIS-2-116-96

1. Owner AMERICAN ELECTRIC POWER Date 05/07/96  
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 R39271-06 R/R1458  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REACTOR COOLANT ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 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-SV-45B	CROSBY	N56499-00-003	N/A	STYLE HB-86-BP-E	N/A	REPLACED	NO
1 1/4" SS H.H. NUT	CARDINAL	ASP# 10636	N/A	SA194 GR 8F	N/A	REPLACE-MENT	NO
1" SS THREADED ROD	CARDINAL	ASP# 17603	N/A	SA453 GR 660	N/A	REPLACE-MENT	NO
1" SS H.H. NUTS	CARDINAL	ASP# 17651	N/A	SA194 GR 8F	N/A	REPLACE-MENT	NO

7. Description of Work REMOVED AND REPLACED VALVE 2-SV-45B FOR SETPOINT TESTING AND REPLACED INLET AND 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: R39271-06

DESIGN CHANGE: N/A

REPAIR/REPLACEMENT TRAVELLER: RR96-1458

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  
Owner or Owner's Designee, Title

Date MAY 30, 1996

## 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 1-16-96 to 6-7-96, 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.

MR. Muterspaugh  
Inspector's Signature

Commissions MICH 0055, END NSE

National Board, State, Province, Endorsements

Date JUNE 7, 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 05-28-96  
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 R39692-3, 2-NRV-163, vlv  
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
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-NRV-163							
Nuts 1-1/8"	SA-194 gr 8F			M&E#: 30-212140 ASP#16474	n/a	replace	NO
trim assy (plug)	SA-564 gr 630			M&E#: 30-036074 ASP#14104	n/a	replace	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 The trim assembly which includes the disc & the bonnet nuts which  
Applicable Manufacturer's Data Reports to be attached  
were damaged during disassembly, were replaced mechanically.

Ref. JO:R39692-3 File: 2-NRV-163 ISI Class: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/30, 19 96

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 1-30-96 to 6-11-96, 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.

W. J. Whittemore Commissions Mich 0055, E & D N E  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date June 11 19 96

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-06-96  

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 R39692-10 2-NRV-163 valve 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 Reactor Coolant system
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-NRV-163							
Bonnet extension				ASP# 16066	n/a	replace 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 Replaced the bonnet extension and machined per  
Applicable Manufacturer's Data Reports to be attached

Engineering memo PLTDM96-002

Ref. JO:R39692-10 File: 2-NRV-163

ISI Class: 1

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this  
replacement/machining 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 5/10, 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 NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 1-30-96 to 6-6-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 Antognelli  
 Inspector's Signature

Commissions Michigan, ENDR  
 National Board, State, Province, Endorsements

~~MAFACTORY MUTUAL SYSTEM~~

Date JUNE 6 19 96

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 02-28-95  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2  
Name  
One Cook Place, Bridgman, MI 49106 C28573-3 2-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 Replaced or Replacement	ASME Code Stamped (Yes or No)
2-NRV-163 BONNET EXTENSION	EXISTING	N/A	N/A	N/A	N/A	MECHANICAL REMOVAL	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 RAISED AREA'S OF CASTING ON THE SPOOL PIECE BETWEEN  
Applicable Manufacturer's Data Reports to be attached

VALVE BONNET AND BODY TO FACILITATE INSTALLATION OF ENCLOSURE.

Ref. JO: C28573-3

File: 2-NRV-163

ISI: 1

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this  
MEDAL REMOVAL 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 2-27-95 to 4/5/95, 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. Michael J. Nichols Commissions Michigan, End NEE  
 Inspector's Signature National Board, State, Province, Endorsements

Date April 5 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 05-28-96  
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 R43442-3, 2-FW-118-1, valve  
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 system
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-FW-118-1							
Nuts 1-3/4"	SA-194 gr 2H			M&E#: 30-211970 ASP#18093	n/a	replace	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 the valve's cover nuts mechanically  
 Applicable Manufacturer's Data Reports to be attached

Ref. JO:R43442-3 File: 2-FW-118-1 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/30, 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 4-22-96 to 6-11-96, 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.

Inspector's Signature

Commissions Mich 0055, EN & NFI

National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date JUNE 11 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 05-28-96  
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 R43443-3, 2-FW-118-3  
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 Feedwater system
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case \_\_\_\_\_  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

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-FW-118-3							
Helicoil	P/N 4190-28CN			P.O.# 66206-040-6x Ded. Plan HP-0055	n/a	install	NO
Stud 1-3/4"	SA-193 gr B7			M&e#: 30-029939 ASP#17483	n/a	replace	NO
Nut 1-3/4"	SA-194 gr 2H			M&E#: 30-211970 ASP18093	n/a	replace	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

## FORM NIS-2 (Back)

9. Remarks Valve's body/bonnet studs and nuts were replaced including the  
Applicable Manufacturer's Data Reports to be attached

Installation of a helicoil (per Component Evaluation CE-90-0134)

Ref. JO:R43443-3 File: 2-FW-118-3 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 5/30, 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 4/26/96 to 8/12/96, 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.

Frank Pisarsky Commissions Michigan 0055, END NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date August 2 1996

\*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 05-29-96  
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 R47713-2, 2-CF-126, 1/2" chk vlv  
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 to chemical feed to steam generators
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)
2-CF-126	Conval inbody seat SA-479-XM with Nitronic 50:hardfacing			existing	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 Reconditioned the inbody seating surface with a manually operated  
Applicable Manufacturer's Data Reports to be attached

ed Conval seat cutter

Ref. JO:R47713-2 File: 2-CF-126

ISI Class: 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 5/30, 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 4-8-96 to 6-10-96, 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.R. Whitcomb Commissions MILHOSS, END N.E.I.  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date June 10, 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 05-16-96  
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 R52849-1, 2-SV-2A-2, safety vlv  
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)
2-SV-2A-2							
Disc	ASTM A-565-92 grade 616			M&E#: 30-037728 ASP#16182	n/a	replace	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 the valve's disc which is necessary when the  
Applicable Manufacturer's Data Reports to be attached  
valve is disassembled

Ref. JO:R52849-1 File: 2-SV-2A-2 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/29, 19 96  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 11-17-95 to 2-17-96, 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. M. [Signature] Commissions Michigan, EN & I  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date July 17 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 05-10-96  
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 R52850-1, 2-SV-2B-2 safety vlv  
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 generators
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-SV-2B-2							
Disc				M&E#: 30-037815 ASP#12367	n/a	replace	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 Replace disc which is necessary upon disassembly of this  
Applicable Manufacturer's Data Reports to be attached  
type of safety valve.

Ref. JO:R52850-1 File: 2-SV-2B-2 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/30, 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 11/17/95 to 6/17/96, 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.

MR. M. T. M. T. M. T.  
 Inspector's Signature

Commissions MICHIGAN, ENDORSEMENT  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date  19

**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 05-10-96  
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 R52851-1, 2-SV-3-2, safety vlv  
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 generator
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-SV-3-2							
disc				M&E#: 30-037728 ASP#16182	n/a	replace	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 the valve's disc which is required upon  
Applicable Manufacturer's Data Reports to be attached  
disassembly.

Ref. JO:R52851-1 File: 2-SV-3-2 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/21, 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 11-17-95 to 6-17-96, 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.

MA [Signature] Commissions Michigan, ENDNET  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date June 17 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 05-16-96  
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 R 52852-1, 2-SV-1B-3, safety vlv  
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 system
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-SV-1B-3							
Disc	ASTM A-565 <sup>M</sup> grade 616			M&E#: 30-037728 ASP#16182	n/a	replace	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's disc which is necessary for for the valve  
Applicable Manufacturer's Data Reports to be attached  
is disassembled.

Ref. JO:R52852-1 File: 2-SV-1B-3 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/29, 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 11-17-95 to 7-17-96, 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. Thompson Commissions Mich 0035, EN INE  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date July 17 19 96

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

NIS-2-119-96

1. Owner AMERICAN ELECTRIC POWER Date 05/04/96  
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 R53629-02 R/R1531  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Installation Services Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHEMICAL & VOLUME CONTROL ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-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)
2-CS-445-1 2" SCH 160 SS PIPE	CONSOLIDATED POWER SUPPLY	ASP# 18542	N/A	SA376 TP304	N/A	REPLACE- MENT	NO
2-CS-445-1 2" 1500# SS SW CHECK VALVE	CONVAL INC.	ASP# 18264	N/A	SA182 F316 Y200C58	N/A	REPLACE- MENT	NO

7. Description of Work REMOVE AND REPLACE EXISTING CHECK VALVE 2-CS-445-1
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: R53629-02

DESIGN CHANGE: MM404

REPAIR/REPLACEMENT TRAVELLER: RR95-1531

ISI CLASS: 3

## CERTIFICATE OF COMPLIANCE

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

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

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

Date MAY 30, 1996

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INS. CO. of WALTHAM, MASS. have inspected the components described in this Owner's Report during the period 4-15-96 to 6-7-96, 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.

Mark Matuszanski  
Inspector's Signature

Commissions MICHIGAN, END NEE

National Board, State, Province, Endorsements

Date JUNE 7, 1996



