

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

Report of Inservice Inspections  
From July 2, 1992 to December 11, 1994

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Section 3	NIS-2 Repair and Replacement Reports



INDIANA MICHIGAN POWER COMPANY  
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UNIT 2 COMMERCIAL SERVICE DATE 7-1-1978  
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INTRODUCTION

This report summarizes the Inservice Inspection activities performed at the Cook Nuclear Plant, Unit 2, for the period of July 2, 1992 through December 11, 1994. 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 (July 1, 1992) 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.

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

As required by the Provisions of the ASME Code Rules

1. Owner Indiana Michigan Power Co., One Summit Square, Ft. Wayne, IN 46802  
(Name and Address of Owner)
2. Plant Donald C. Cook Nuclear Plant, One Cook Place, Bridgman, Mi. 49106  
(Name and Address of Plant)
3. Plant Unit 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
Regenerative Ht Exchanger	Westinghouse	1831-7-II	-	430
RCP #1	Westinghouse	524-618J800-G01-9	-	-
RCP #2	Westinghouse	525-618J800-G01-9	-	-
RCP #3	Westinghouse	526-618J800-G01-9	-	-
Volume Control Tank	Joseph Oats & Sons, Inc.	1787-3B	-	-
West RHR Heat Exchanger	Engineers and Fabricators, Inc.	S-15586-D	-	-
West CTS Heat Exchanger	Yuba	69-G-226-1D	-	-

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 07/02/92 to 12/11/94 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 February 21 1995 Signed Indiana Michigan Power Co. By C.A. Freer  
Owner C.A. Freer

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

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and 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 07/02/92 to 12/11/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\* - Factory Mutual Engineering Association

Date March 7 1995

Michael R. McIntyre  
Inspector's Signature

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

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

Inservice examinations were performed during the period of July 2, 1992 through December 11, 1994. 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.

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

The recordable indications found by surface and volumetric examinations were evaluated by the allowable standards provided in ASME Section XI. A liquid penetrant indication that exceeded allowable indication standards for surface indications was found on a valve to elbow pipe weld (2-SI-78-01). In accordance with IWB-3514.3, the surface indication was examined by a volumetric (ultrasonic) examination and found to be acceptable with no recordable indications.

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

IMP personnel performed VT-3/VT-4 visual examinations on ISI component supports. Design sketch nonconformances and other discrepancies found were evaluated by AEPSC Nuclear Engineering Design Section. All discrepant pipe supports and associated systems met operability limits. However, some of the pipe supports were 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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INDIANA MICHIGAN POWER COMPANY, DONALD C. COOK NUCLEAR PLANT, BRIDGMAN MI.  
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DATE: 02/21/95  
REVISION: 0

COOK NUCLEAR PLANT UNIT 2  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 1 COMPONENTS

PAGE: 2

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

				N . O	
				O G T	
				R E H	
SUMMARY EXAMINATION AREA		CATGY	EXAM	E O E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	C H R	**CALIBRATION BLOCK**
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CLOSURE HEAD MERIDIONAL WELDS (FIG NO A-2)

001705	2-CHM-07 MERIDIONAL WELD AT 334 DEG.	B-A	UTOL	DCC-UT150/2/1/0	X	-	-	SWRI - LIMITED EXAM DUE TO HEAD SHROUD AND CONFIGURATION.  **RV-2**
		B1.22	UTOW		X	-	-	
			UT45		X	-	-	
			UT45T		X	-	-	
			UT60		X	-	-	
			UT60T		X	-	-	

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

001900	2-CHC-01 HEAD TO FLANGE	B-A	HT	DCC-HT1/0/0/0	X	-	-	SWRI - EXAMINED 33% OF WELD. LIMITED EXAM DUE TO FLANGE CONFIGURATION AND LIFTING LUG.  **RV-2**
		B1.40	UTOL	DCC-UT150/2/1/0	X	-	-	
			UTOW		X	-	-	
			UT45		X	-	-	
			UT45T.		X	-	-	
			UT60		X	-	-	
			UT60T		X	-	-	

CLOSURE STUDS

004500	2-RPV-STUD 1 THROUGH 54	B-G-1	HT	DCC-HT2/0/1/0	X	-	-	SWRI - EXAMINED STUDS NOS. 37 THRU 54.  **7-.750-8-CS-10-DCC**
		B6.30	UT60	DCC-UT18/2/1/0	X	-	-	
			UT88		X	-	-	

CLOSURE NUTS

004600	2-RPV-NUT 1 THROUGH 54	B-G-1 B6.10	HT	DCC-HT2/0/1/0	-	-	X	SWRI - EXAMINED NUTS NOS. 37 THRU 54. SCRATCHES OR TOOL MARKS NOTED ON SIX NUTS WERE NOT DETRIMENTAL TO FUTURE SERVICE. SEE CNF-001 AND 002.
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VESSEL FLANGE THREADS

004700	2-RPV-FLANGE THREADS 1 THROUGH 54	B-G-1 B6.40	UTO	DCC-UT5/2/1/0	X	-	-	SWRI - EXAMINED FROM STUD HOLES 37 THRU 54.  **7-.750-8-CS-10-DCC**
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COOK NUCLEAR PLANT UNIT 2

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 1 COMPONENTS

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

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

004800	2-RPV-WASHER	B-G-1	VT-1	DCC-VT7/0/0/0	- - X	SWRI - EXAMINED WASHERS 37 THRU 54.
	1 THROUGH 54	86.50	HT	DCC-HT2/0/1/0	X - -	WASHER NO. 46 HAD NICK ON OUTSIDE EDGE NOT DETRIMENTAL TO FUTURE SERVICE. SEE CNF-003.



INDIANA MICHIGAN POWER COMPANY, DONALD C. COOK NUCLEAR PLANT, BRIDGMAN MI.  
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COOK NUCLEAR PLANT UNIT 2  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 1 COMPONENTS

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PRESSURIZER (FIGURE A-4)

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY EXAM ITEM NO METHOD	PROCEDURE	N O O G T R E H E O E C M R			REMARKS
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NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS

006920 4*-2-RC-28 UPPER HEAD TO SPRAY NOZZLE	B-D	UTOL	DCC-UT49/2/1/0	X	-	-	SWRI - LIMITED EXAM DUE TO NOZZLE CONFIGURATION.
	B3.110	UTOW		X	-	-	
		UT45	DCC-UT15/3/0/0	X	-	-	
		UT45T		X	-	-	
		UT60		X	-	-	**PL-3.0-CSCL-4-DCC**
		UT60T		X	-	-	

NOZZLE INSIDE RADIUS SECTIONS

007000 4*-2-RC-28-IRS UPPER HEAD TO SPRAY NOZZLE	B-D	UT19	DCC-UT11/2/0/0	X	-	-	SWRI
	B3.120						
							**IR-CSCL-24-DCC**

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

008000 2-PRZ-21 NOZZLE TO SAFE-END	B-F	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	B5.40	UT45	DCC-UT31/2/0/0	X	-	-	
		UT45T		X	-	-	
		UT45RL		X	-	-	
		UT45RLT		X	-	-	**3378028 (6-SS-160-.71)**



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## SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

## SUMMARY EXAMINATION AREA

**ASME**

## SEC. XI

**CATGY**

ITEM NO

**EXAM**

## METHOD

## PROCEDURE

**N O**

O G T

**R E H**

**Ε Ο Ε**

**C H R**

REMARKS

**\*\*CALIBRATION BLOCK\*\***

011300

**STM-24-01**

LOWER HEAD TO TUBE SHEET

**B-B**

**B2.40**

UTOW

UT45

UT45T

UT60

UT60T

DCC-UT49/2/1/0

DCC-UT15/3/0/0

X - -

- - X

X - -

- - X

- - X

SWRI - LIMITED EXAM DUE TO WELDED

INSULATION PADS. 45 AND 60 DEGREE

INDICATIONS ARE CODE ACCEPTABLE.

**\*\*RV-3/DCC-41\*\***

INDIANA MICHIGAN POWER COMPANY; DONALD C. COOK NUCLEAR PLANT, BRIDGMAN, MI.  
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**COOK NUCLEAR PLANT UNIT 2**

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## SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL

### CLASS 1 COMPONENTS

## REACTOR COOLANT SYSTEM

SUMMARY	EXAMINATION AREA	ASHE			N	O	
NUMBER	IDENTIFICATION	SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
					C	H	R
							REMARKS
							**CALIBRATION BLOCK**
<u>LINE 2-RC-18 (FIG NO A-7A)</u>							
017560	2-RC-18-06-LU-I LONGITUDINAL SEAM	B-J B9.12	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT33/2/0/0	X	-	SWRI - EXAMINED 12 INCHES OF WELD LENGTH.  **37-CCSS-X-3.0-9-DCC**
017580	2-RC-18-06-LU-O LONGITUDINAL SEAM	B-J B9.12	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT33/2/0/0	X	-	SWRI - EXAMINED 12 INCHES OF WELD LENGTH.  **37-CCSS-X-3.0-9-DCC**
017600	2-RC-18-06 ELBOW TO PIPE	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT33/2/0/0	X	-	SWRI  **37-CCSS-X-3.0-9-DCC**
017800	2-RC-18-05N 2-IN. NOZZLE (BRANCH CONNECTION)	B-J B9.32	PT	12SHP5050NDE001	X	-	J.O. C18446/07
018000	2-RC-18-08 ELBOW TO PUMP	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT33/2/0/0	X	-	SWRI - LIMITED EXAM DUE TO PUMP CONFIGURATION  **37-CCSS-X-3.0-9-DCC**
<u>LINE 2-RC-18 (FIG NO A-7B)</u>							
018100	2-RC-18-09 PUMP TO PIPE	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT33/2/0/0	X	-	SWRI - LIMITED EXAM DUE TO PUMP CONFIGURATION AND BRANCH CONNECTION.  **37-CCSS-X-3.0-9-DCC**
<u>LINE 2-RC-19 (FIG NO A-8A)</u>							
020600	2-RC-19-07 PIPE TO ELBOW	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT33/2/0/0	X	-	SWRI  **37-CCSS-X-3.0-9-DCC**

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COOK NUCLEAR PLANT UNIT 2

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 1 COMPONENTS

REACTOR COOLANT SYSTEM

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

LINE 2-RC-19 (FIG NO A-8A)

020620	2-RC-19-07-LD-I LONGITUDINAL SEAM	B-J B9.12	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT33/2/0/0	X - - X - - X - -	SWRI - EXAMINED 12 INCHES OF WELD LENGTH.  **37-CCSS-X-3.0-9-DCC**
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020640	2-RC-19-07-LD-O LONGITUDINAL SEAM	B-J B9.12	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT33/2/0/0	X - - X - - X - -	SWRI - EXAMINED 12 INCHES OF WELD LENGTH.  **37-CCSS-X-3.0-9-DCC**
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LINE 2-RC-19 (FIG NO A-8B)

021550	2-RC-19-10N 1-1/2-IN. NOZZLE (BRANCH CONNECTION)	B-J B9.32	PT	12SHP5050NDE001	X - -	J.O. C18446/07
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LINE 2-RC-22 (FIG NO A-11)

026300	2-RC-22-07 REDUCER TO PIPE	B-J B9.11	PT UT45 UT45T UT60	DCC-PT1/0/0/0 DCC-UT31/2/0/0	X - - X - - X - - X - -	SWRI    **3378027 (4-SS-120-.430)**
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026833	2-RC-22-01N 3-IN. NOZZLE (BRANCH CONNECTION)	B-J B9.32	PT	12SHP5050NDE001	X - -	J.O. C18446/07
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LINE 2-RC-23 (FIG NO A-12)

027500	2-RC-23-01 TEE TO PIPE	B-J B9.21	PT	12SHP5050NDE001	X - -	J.O. C18446/07
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COOK NUCLEAR PLANT UNIT 2  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 1 COMPONENTS

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REACTOR COOLANT SYSTEM

		ASME			N	O	
		SEC. XI			O	G	T
SUMMARY	EXAMINATION AREA	CATGY	EXAM		R	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E	O	E
					C	H	R
					REMARKS		
					**CALIBRATION BLOCK**		
-----							
<u>LINE 2-RC-24 (FIG NO A-13)</u>							
028300	2-RC-24-02 PIPE TO PIPE	B-J B9.21	PT	12SHP5050NDE001	X	-	- J.O. C18446/07
<u>LINE 2-RC-25 (FIG NO A-14)</u>							
028800	2-RC-25-02 ELBOW TO PIPE	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT31/2/0/0	X	-	- SWRI
					-	X	-
					X	-	-
**3378028 (6-SS-160-.71)**							
<u>LINE 2-RC-26 (FIG NO A-15)</u>							
029700	2-RC-26-02 ELBOW TO PIPE	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT31/2/0/0	X	-	- SWRI
					X	-	-
					X	-	-
**3378028 (6-SS-160-.71)**							
<u>LINE 2-RC-27 (FIG NO A-16)</u>							
030700	2-RC-27-03 PIPE TO ELBOW	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT31/2/0/0	X	-	- SWRI
					X	-	-
					X	-	-
**3378028 (6-SS-160-.71)**							
031200	2-RC-27-09 PIPE TO FLANGE	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT31/2/0/0	X	-	- SWRI
					-	X	-
					X	-	-
**3378028 (6-SS-160-.71)**							
031300	2-RC-27-09-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12SHP5050NDE006	X	-	- J.O. C18446/07



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COOK NUCLEAR PLANT UNIT 2  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
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		
NUMBER	IDENTIFICATION.	ITEM NO	METHOD	PROCEDURE	E O E	C H R	REMARKS	
							**CALIBRATION BLOCK**	
-----								
<u>LINE 2-RC-28 (FIG NO A-17)</u>								
031500	2-RC-28-02	B-J	PT	DCC-PT1/0/0/0	X - -		SWRI	
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/2/0/0	X - -			
			UT45T		X - -			
							**3378027 (4-SS-120-.430)**	
033800	2-RC-28-18	B-J	PT	DCC-PT1/0/0/0	X - -		SWRI - LIMITED EXAM DUE TO TEE	
	PIPE TO TEE	B9.11	UT45	DCC-UT31/2/0/0	X - -		CONFIGURATION.	
			UT45T		X - -			
			UT60		X - -			
							**3378027 (4-SS-120-.430)**	
034200	2-RC-28-22	B-J	UT45	DCC-UT31/2/0/0	X - -		SWRI - LIMITED EXAM DUE TO TEE	
	PIPE TO TEE	B9.11	UT45T.		X - -		CONFIGURATION. AUGMENTED EXAM IN	
			UT60		- X -		RESPONSE TO NRCB 88-08.	
							**3378027 (4-SS-120-.430)**	
034300	2-RC-28-23	B-J	UT45	DCC-UT31/2/0/0	X - -		SWRI - LIMITED EXAM DUE TO TEE	
	TEE TO PIPE	B9.11	UT45T		X - -		CONFIGURATION. AUGMENTED EXAM IN	
			UT60		X - -		RESPONSE TO NRCB 88-08.	
							**3378027 (4-SS-120-.430)**	
034400	2-RC-28-24	B-J	UT45	DCC-UT31/2/0/0	X - -		SWRI - AUGMENTED EXAM IN RESPONSE TO	
	PIPE TO ELBOW	B9.11	UT45T		X - -		NRCB 88-08.	
			UT60		X - -			
							**3378027 (4-SS-120-.430)**	
034800	2-RC-28-28	B-J	PT	DCC-PT1/0/0/0	X - -		SWRI	
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/2/0/0	- X -			
			UT45T		X - -			
			UT60		X - -			
			UT85RL	SWRI-UT2/1/1/0	X - -		**3378027 (4-SS-120-.430)**	
037800	2-RC-28-51	B-J	PT	DCC-PT1/0/0/0	X - -		SWRI	
	ELBOW TO SAFE-END	B9.11	UT45	DCC-UT31/2/0/0	X - -			
			UT45T		X - -			
							**3378027 (4-SS-120-.430)**	



INDIANA MICHIGAN POWER COMPANY, DONALD C. COOK NUCLEAR PLANT, BRIDGMAN MI.  
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DATE: 02/21/95  
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COOK NUCLEAR PLANT UNIT 2  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 1 COMPONENTS

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REACTOR COOLANT SYSTEM

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

LINE 2-RC-29 (FIG NO A-18)

037900	2-RC-29-01	B-J	PT	DCC-PT1/0/0/0	X - -	SWRI - LIMITED EXAM DUE TO BRANCH
	BRANCH CONNECTION TO ELBOW	B9.11	UT45	DCC-UT31/2/0/0	- X -	CONNECTION.
			UT45T		X - -	
						**3378027 (4-SS-120-.430)**

039700	2-RC-29-16	B-J	PT	DCC-PT1/0/0/0	X - -	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/2/0/0	X - -	
			UT45T		X - -	
			UT60		X - -	
						**3378027 (4-SS-120-.430)**

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

041300	2-RC-30-06	B-J	UT45	DCC-UT31/2/0/0	X - -	SWRI - LIMITED EXAM DUE TO TEE
	PIPE TO TEE	B9.11	UT45T		X - -	CONFIGURATION. AUGMENTED EXAM IN
			UT60		X - -	RESPONSE TO NRCB 88-08.
						**3378027 (4-SS-120-.430)**

LINE 2-RC-31 (FIG NO A-20A)

045700	2-RC-31-16-FB	B-G-2	VT-1	12SHP5050NDE006	X - -	J.O. C18446/07
	FLANGE BOLTING	B7.50				

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

056200	2-RC-34-12-FB	B-G-2	VT-1	12SHP5050NDE006	X - -	J.O. C18446/07
	FLANGE BOLTING	B7.50				

LINE 2-RC-513 (FIG NO A-25)

064900	2-RC-513-21-FB	B-G-2	VT-1	12SHP5050NDE006	X - -	J.O. C18446/07
	FLANGE BOLTING	B7.50				

INDIANA MICHIGAN POWER COMPANY; DONALD C. COOK NUCLEAR PLANT, BRIDGMAN, MI.  
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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	H	R
							REMARKS
							**CALIBRATION BLOCK**
<hr/>							
<u>LINE 2-RC-519 (FIG NO A-31)</u>							
085300	2-RC-519-21-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12SHP505ONDE006	X	-	- J.O. C18446/07
<u>LINE 2-RC-525 (FIG NO A-32)</u>							
086200	2-RC-525-03 TEE TO PIPE	B-J B9.40	PT	12SHP505ONDE001	X	-	- J.O. C18446/07
086900	2-RC-525-06 PIPE TO ELBOW	B-J B9.40	PT	12SHP505ONDE001	-	-	X J.O. C18446/07 - PT INDICATION OF .125" IS WITHIN ALLOWABLE STANDARDS OF IWB-3514.3.



INDIANA MICHIGAN POWER COMPANY, DONALD C. COOK NUCLEAR PLANT, BRIDGMAN MI.  
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COOK NUCLEAR PLANT UNIT 2

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**SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
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CLASS 1 COMPONENTS**

## SAFETY INJECTION SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O		
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM		G	T	
		ITEM NO	METHOD	PROCEDURE		R	E	H
						E	O	E
						C	H	R
								REMARKS
								**CALIBRATION BLOCK**
<u>LINE 2-SI-56 (FIG NO A-33)</u>								
089000	2-SI-56-11	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/2/0/0	-	X	-	
			UT45T		X	-	-	
								**3378030 (10-SS-140-1.0)**
<u>LINE 2-SI-78 (FIG NO A-33)</u>								
090100	2-SI-78-01	B-J	PT	DCC-PT1/0/0/0	-	-	X	SWRI - LIMITED EXAM DUE TO VALVE
	VALVE TO ELBOW	B9.11	UT45	DCC-UT31/2/0/0	X	-	-	CONFIGURATION. PT INDICATION EXCEEDED
			UT45T		X	-	-	ALLOWABLE LENGTH. UT EXAM OF INDICATION
			UT85RL	SWRI-UT2/1/1/0	X	-	-	REVEALED NO RECORDABLE INDICATION.
								THEREFORE, INDICATION IS ACCEPTABLE IN
								ACCORDANCE WITH IWB-3514.3.
								**3378028 (6-SS-160-.71)**
<u>LINE 2-SI-57 (FIG NO A-34)</u>								
091050	2-SI-57-02	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO PIPE
	PIPE TO TEE	B9.11	UT45	DCC-UT31/2/0/0	X	-	-	RESTRAINT.
			UT45T		X	-	-	
			UT60		X	-	-	
								**3378030 (10-SS-140-1.0)**
091500	2-SI-57-06	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/2/0/0	-	X	-	
			UT45T		X	-	-	
								**3378030 (10-SS-140-1.0)**
093200	2-SI-57-22	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO TEE
	TEE TO PIPE	B9.11	UT45	DCC-UT31/2/0/0	-	X	-	CONFIGURATION.
			UT45T		X	-	-	
								**3378030 (10-SS-140-1.0)**
093300	2-SI-57-23	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO VALVE
	PIPE TO VALVE	B9.11	UT45	DCC-UT31/2/0/0	-	X	-	CONFIGURATION.
			UT45T		X	-	-	
								**3378030 (10-SS-140-1.0)**



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SAFETY INJECTION SYSTEM

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

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

095500	2-SI-58-08	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/2/0/0	-	X	-	
			UT45T		X	-	-	
								**3378030 (10-SS-140-1.0)**

096300	2-SI-58-16	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/2/0/0	-	X	-	
			UT45T		X	-	-	
			UT60		-	X	-	
								**3378030 (10-SS-140-1.0)**

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

098400	2-SI-59-05	B-K-1	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07
	COLLAR TO PIPE	B10.10						

098800	2-SI-59-09	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/2/0/0	-	X	-	
			UT45T		X	-	-	
								**3378030 (10-SS-140-1.0)**

099700	2-SI-59-18	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/2/0/0	X	-	-	
			UT45T		X	-	-	
								**3378028 (6-SS-160-.71)**

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

101900	2-SI-60-06	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UTOL	DCC-UT49/2/1/0	X	-	-	
			UT45	DCC-UT31/2/0/0	X	-	-	
			UT45T		X	-	-	
								**3378029 (8-SS-160-.81)**

INDIANA MICHIGAN POWER COMPANY, DONALD C. COOK NUCLEAR PLANT, BRIDGMAN MI.  
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**COOK NUCLEAR PLANT UNIT 2**  
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**CLASS 1 COMPONENTS**

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## SAFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASHE	EXAM METHOD	PROCEDURE	N O G T R E H E O E C H R	REMARKS
		SEC. XI CATGY ITEM NO				
<b>**CALIBRATION BLOCK**</b>						
<u>LINE 2-SI-60 (FIG NO A-37)</u>						
102000	2-SI-60-07 PIPE TO ELBOW	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT31/2/0/0	X - - X - - X - -	SWRI  <b>**3378029 (8-SS-160-.81)**</b>
102950	2-SI-60-17 PIPE TO PIPE	B-J B9.11	PT UT45 UT45T UT60	DCC-PT1/0/0/0 DCC-UT31/2/0/0	X - - - X - X - - X - -	SWRI  <b>**3378028 (6-SS-160-.71)**</b>
103200	2-SI-60-19 COLLAR TO PIPE	B-K-1 B10.10	PT	12SHP5050NDE001	X - -	J.O. C18446/07
103700	2-SI-60-26 PIPE TO ELBOW	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT31/2/0/0	X - - - X - X - -	SWRI  <b>**3378028 (6-SS-160-.71)**</b>
104000	2-SI-60-29 ELBOW TO PIPE	B-J B9.11	PT UT45 UT45T UT60	DCC-PT1/0/0/0 DCC-UT31/2/0/0	X - - X - - X - - X - -	SWRI  <b>**3378028 (6-SS-160-.71)**</b>
<u>LINE 2-SI-61 (FIG NO A-38)</u>						
104900	2-SI-61-05 PIPE TO ELBOW	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT31/2/0/0	X - - - X - X - -	SWRI  <b>**3378028 (6-SS-160-.71)**</b>

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COOK NUCLEAR PLANT UNIT 2

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
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SAFETY INJECTION SYSTEM

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

LINE 2-SI-61 (FIG NO A-38)

105200	2-SI-61-08	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/2/0/0	X	-	-	
			UT45T		X	-	-	
								**3378028 (6-SS-160-.71)**

105600	2-SI-61-12	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/2/0/0	X	-	-	
			UT45T		X	-	-	
			UT60		X	-	-	
								**3378028 (6-SS-160-.71)**

LINE 2-SI-62 (FIG NO A-39)

106200	2-SI-62-02-PL 1 THROUGH 4	B-K-1	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07 - LIMITED EXAMINATION DUE TO SUPPORT STRUCTURE.
	PIPE LUG	B10.10						

106700	2-SI-62-02-PL 5 THROUGH 8	B-K-1	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07 - LIMITED EXAMINATION DUE TO A SUPPORT STRUCTURE.
	PIPE LUG	B10.10						

107300	2-SI-62-05	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	PIPE TO ELBOW	B9.11	UT0L	DCC-UT49/2/1/0	X	-	-	
			UT45	DCC-UT31/2/0/0	X	-	-	
			UT45T		X	-	-	
								**3378029 (8-SS-160-.81)**

108100	2-SI-62-12	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/2/0/0	X	-	-	
			UT45T		X	-	-	
			UT60		X	-	-	
								**3378028 (6-SS-160-.71)**

INDIANA MICHIGAN POWER COMPANY, DONALD C. COOK NUCLEAR PLANT, BRIDGMAN MI.  
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SAFETY INJECTION 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	H	R
							REMARKS
							**CALIBRATION BLOCK**

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

111100	2-SI-63-08	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/2/0/0	X	-	-	
			UT45T		X	-	-	
								**3378028 (6-SS-160-.71)**
111600	2-SI-63-13	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/2/0/0	X	-	-	
			UT45T		X	-	-	
			UT60		X	-	-	
								**3378028 (6-SS-160-.71)**
112000	2-SI-63-17	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO VALVE
	PIPE TO VALVE	B9.11	UT45	DCC-UT31/2/0/0	X	-	-	CONFIGURATION.
			UT45T		X	-	-	
								**3378028 (6-SS-160-.71)**

LINE 2-SI-566 (FIG NO A-41)

113400	2-SI-566-11	B-J	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07
	ELBOW TO PIPE	B9.40						
113900	2-SI-566-15	B-J	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07
	COUPLING TO PIPE	B9.40						
115000	2-SI-566-24	B-J	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07
	PIPE TO BRANCH CONNECTION	B9.40						

LINE 2-SI-567 (FIG NO A-42)

116900	2-SI-567-16	B-J	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07
	PIPE TO COUPLING	B9.40						



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SAFETY INJECTION 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	H	R	**CALIBRATION BLOCK**
-----								
<u>LINE 2-SI-567 (FIG NO A-42)</u>								
117600	2-SI-567-23 ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07
<u>LINE 2-SI-568 (FIG NO A-43)</u>								
119300	2-SI-568-05 ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07
120200	2-SI-568-12 PIPE TO ELBOW	B-J B9.40	PT	12SHP5050NDE001	-	-	X	J.O. C18446/07 - (3) 1/8" LINEAR INDICATIONS ALLOWABLE PER IWB-3514.3 AND FIG. IWA-3400-1.
121100	2-SI-568-20 PIPE TO ELBOW	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07
122200	2-SI-568-28 PIPE TO VALVE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07
<u>LINE 2-SI-569 (FIG NO A-44)</u>								
123700	2-SI-569-10 PIPE TO ELBOW	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07
125700	2-SI-569-25 ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07

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CLASS 1 COMPONENTS**

## SAFETY INJECTION SYSTEM

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

LINE 2-SI-569 (FIG NO A-44)

126400	2-SI-569-31 ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X - -	J.O. C18446/07
126900	2-SI-569-35 ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X - -	J.O. C18446/07

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS

OUTAGE 1 (1994), 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		E O E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C H R	**CALIBRATION BLOCK**
-----						

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

131200	2-CS-119-24	B-J	PT	12SHP5050NDE001	X - -	J.O. C18446/07
	REDUCER TO PIPE	B9.21				

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

134200	2-CS-120-03	B-J	PT	12SHP5050NDE001	X - -	J.O. C18446/07
	VALVE TO PIPE	B9.21				

136100	2-CS-120-12	B-J	PT	12SHP5050NDE001	X - -	J.O. C18446/07
	PIPE TO ELBOW	B9.21				

LINE 2-CS-687 (FIG NO A-49)

138100	2-CS-687-09	B-J	PT	12SHP5050NDE001	X - -	J.O. C18446/07
	ELBOW TO PIPE	B9.40				



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CLASS 1 COMPONENTS

RESIDUAL HEAT REMOVAL SYSTEM

SUMMARY EXAMINATION AREA		ASHE			N	O	REMARKS				
		SEC. XI			O	G					
		CATGY	EXAM	PROCEDURE	R	E					
		ITEM NO	METHOD		E	O					
NUMBER	IDENTIFICATION				C	H					
							**CALIBRATION BLOCK**				
<u>LINE 2-RH-33 (FIG NO A-59)</u>											
148900	2-RH-33-02	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI				
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/2/0/0	-	X					
			UT45T		X	-					
							**3378032 (14-SS-160-1.40)**				
149400	2-RH-33-07	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI				
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/2/0/0	-	X					
			UT45T		X	-					
							**3378032 (14-SS-160-1.40)**				
150400	2-RH-33-17	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI				
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/2/0/0	-	X					
			UT45T		X	-					
							**3378032 (14-SS-160-1.40)**				
150466	2-RH-33-17-PL	B-K-1	PT	12SHP5050NDE001	-	-	J.O. C18446/07 - (3) 1/8" POROSITY				
	PIPE LUG	B10.10				X	ALLOWABLE PER INB.3514.3.				
150500	2-RH-33-18	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI				
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/2/0/0	-	X					
			UT45T		X	-					
							**3378032 (14-SS-160-1.40)**				
150800	2-RH-33-21	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI				
	PIPE TO VALVE	B9.11	UT45	DCC-UT31/2/0/0	-	X					
			UT45T		X	-					
							**3378032 (14-SS-160-1.40)**				



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CLASS 1 COMPONENTS

WASTE DISPOSAL 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	H	R.	**CALIBRATION BLOCK**
-----	-----	-----	-----	-----	-	-	-	-----

LINE 2-WD-822 (FIG NO A-62)

152000	2-WD-822-04	B-J	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07
	PIPE TO VALVE	B9.40						

152300	2-WD-822-07	B-J	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07
	TEE TO REDUCER	B9.40						

LINE 2-WD-823 (FIG NO A-63)

152900	2-WD-823-04	B-J	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07
	PIPE TO VALVE	B9.40						



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CLASS 1 COMPONENTS

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

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

PUMP FLYWHEEL

153500	FLYWHEEL	--	UTO	DCC-UT7/2/1/1	X - -	SWRI
	(IN PLACE)	RG1.14				

\*\*RC FLYWHEEL-CS-31-DCC\*\*

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OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 1 COMPONENTS

REACTOR COOLANT PUMP NO. 22 (FIGURE A-64)

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

SUPPORT COMPONENT

153750	SUPPORT LUG NO. 1	B-K-1 B10.20	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07 - LIMITATION DUE TO SUPPORT STANCHION.
153800	SUPPORT LUG NO. 2	B-K-1 B10.20	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07 - LIMITATION DUE TO SUPPORT STANCHION.
153850	SUPPORT LUG NO. 3	B-K-1 B10.20	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07 - LIMITATION DUE TO SUPPORT STANCHION.

CIRCUMFERENTIAL WELDS

154050	PUMP CASING WELD	B-L-1 B12.10	VT-1	12SHP5050NDE006	X	-	-	J.O. C18446/07 - CODE CASE N-481 USED. SEE AEP:NRC:0969W.
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PUMP FLYWHEEL

154150	FLYWHEEL (IN PLACE)	-- RG1.14	UTO	DCC-UT7/2/1/1	X	-	-	SWRI
--------	------------------------	--------------	-----	---------------	---	---	---	------

\*\*RC FLYWHEEL-CS-31-DCC\*\*



INDIANA MICHIGAN POWER COMPANY, DONALD C. COOK NUCLEAR PLANT, BRIDGMAN MI.  
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CLASS 1 COMPONENTS

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REACTOR COOLANT PUMP NO. 23 (FIGURE A-64)

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

PUMP FLYWHEEL

154850	FLYWHEEL (IN PLACE)	--	UTO	DCC-UT7/2/1/1	X - -	SWRI - NO EXAMINATION FROM INSPECTION HOLE NO. 1 DUE TO SEIZED CAP. ADDITIONAL PT EXAM PERFORMED ON BORE AND KEYWAY AREA UNDER J.O. C26906/33. **RC FLYWHEEL-CS-31-DCC**
		RG1.14				



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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 1 COMPONENTS

VALVE PRESSURE RETAINING BOLTING (2" AND LESS)

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

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

220600	SI-166-2 FLANGE BOLTING	B-G-2 B7.70	VT-1	12SHP5050NDE006	X - -	J.O. C18446/07
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LINE 2-SI-59 (FIG NO A-36)

221100	SI-166-4 FLANGE BOLTING	B-G-2 B7.70	VT-1	12SHP5050NDE006	X - -	J.O. C18446/07
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LINE 2-SI-62 (FIG NO A-39A)

221600	SI-158-L3 FLANGE BOLTING	B-G-2 B7.70	VT-1	12SHP5050NDE006	X - -	J.O. C18446/07
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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

STEAM GENERATOR NO. 24 (FIGURE B-4)

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

CIRCUMFERENTIAL WELDS

300340	STH-24-05	C-A	UTOL	DCC-UT49/2/1/0	X	-	-	SWRI
	STUB BARREL TO SHELL	C1.10	UTOW		X	-	-	
			UT45	DCC-UT15/3/0/0	X	-	-	
			UT45T		X	-	-	
			UT60		X	-	-	**PL-3.0-CS-22-DCC**
			UT60T		X	-	-	



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OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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REGENERATIVE HEAT EXCHANGER (FIGURE B-5)

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	H	R	**CALIBRATION BLOCK**
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CIRCUMFERENTIAL WELDS

300480	RHE-2-14	C-A	UT45	DCC-UT30/1/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	CAP TO SHELL	C1.20	UT45T		X	-	-	NOZZLE.
								**9.625-CCSS-X-1.0-2-DCC**
300490	RHE-2-15	C-A	UT45	DCC-UT30/1/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	SHELL TO TUBE SHEET	C1.30	UT45T		X	-	-	NOZZLE AND SUPPORT BRACKET
								**9.625-CCSS-X-1.0-2-DCC**
300500	RHE-2-17	C-A	UTOL	DCC-UT49/2/1/0	X	-	-	SWRI - LIMITED EXAM DUE TO SUPPORT
	TUBE SHEET TO SHELL	C1.30	UT45	DCC-UT30/1/0/0	X	-	-	BRACKET.
			UT45T		X	-	-	**9.625-CCSS-X-1.0-2-DCC**
300510	RHE-2-20	C-A	UTOL	DCC-UT49/2/1/0	X	-	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	SHELL TO CAP	C1.20	UT45	DCC-UT30/1/0/0	X	-	-	NOZZLE
			UT45T		X	-	-	**9.625-CCSS-X-1.0-2-DCC**



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CLASS 2 COMPONENTS

CHEMICAL AND VOLUME CONTROL TANK (FIGURE B-6)

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

\*\*CALIBRATION BLOCK\*\*

INTEGRALLY WELDED VESSEL SUPPORTS

300660	2-CVCT-2VS-7, 8, & 9	C-C	PT	12SHP5050NDE001	-	-	X	J.O. C18447/07 - TWO ROUNDED INDICATIONS OF 3/16" EACH NOTED AND ACCEPTABLE PER ASME SECTION III.
		C3.10						

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CLASS 2 COMPONENTS

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CTS HEAT EXCHANGER WEST (FIGURE B-7A)

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

CIRCUMFERENTIAL WELDS

300680	W-CTSHX-2	C-A	UTOL	DCC-UT49/2/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO FLANGE
	SHELL TO FLANGE	C1.10	UTOW		X	-	-	CONFIGURATION AND BOLTING.
			UT45	DCC-UT45/2/1/0	-	X	-	
			UT45T		-	X	-	
			UT60		-	X	-	**PL-.500-SS-25-DCC**
			UT60T		-	X	-	

NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS

300681	W-CTSHX-IN	C-B	PT	12SHP5050NDE001	X	-	-	
	NOZZLE TO SHELL	C2.11						

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### SUMMARY OF NONDESTRUCTIVE EXAMINATIONS.

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## CLASS 2 COMPONENTS

### RHR HEAT EXCHANGER WEST (FIGURE B-8A)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASHE	EXAM METHOD	PROCEDURE	N O R E E C	O G H O M R	REMARKS
		SEC. XI CATGY ITEM NO			C H R		
<u>CIRCUMFERENTIAL WELDS</u>							
300770	W-RHRHEX-2 SHELL TO HEAD	C-A C1.20	UTOW UTOL UT45 UT45T	DCC-UT49/2/0/0  DCC-UT45/2/1/0	X X - X	- - X -	SWRI - LIMITED EXAM DUE TO NOZZLES, SUPPORT PLATES, AND CONCRETE STRUCTURES.  **PL-1.000-SS-27-DCC**



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**SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS**

## EMERGENCY CORE COOLING

**N O**

O G T

## REH

**E O E**

C H R

REMARKS

**\*\*CALIBRATION BLOCK\*\***

## SUMMARY EXAMINATION AREA

NUMBER	IDENTIFICATION
1	10-10-68
2	10-10-68
3	10-10-68
4	10-10-68
5	10-10-68
6	10-10-68
7	10-10-68
8	10-10-68
9	10-10-68
10	10-10-68
11	10-10-68
12	10-10-68
13	10-10-68
14	10-10-68
15	10-10-68
16	10-10-68
17	10-10-68
18	10-10-68
19	10-10-68
20	10-10-68
21	10-10-68
22	10-10-68
23	10-10-68
24	10-10-68
25	10-10-68
26	10-10-68
27	10-10-68
28	10-10-68
29	10-10-68
30	10-10-68
31	10-10-68
32	10-10-68
33	10-10-68
34	10-10-68
35	10-10-68
36	10-10-68
37	10-10-68
38	10-10-68
39	10-10-68
40	10-10-68
41	10-10-68
42	10-10-68
43	10-10-68
44	10-10-68
45	10-10-68
46	10-10-68
47	10-10-68
48	10-10-68
49	10-10-68
50	10-10-68
51	10-10-68
52	10-10-68
53	10-10-68
54	10-10-68
55	10-10-68
56	10-10-68
57	10-10-68
58	10-10-68
59	10-10-68
60	10-10-68
61	10-10-68
62	10-10-68
63	10-10-68
64	10-10-68
65	10-10-68
66	10-10-68
67	10-10-68
68	10-10-68
69	10-10-68
70	10-10-68
71	10-10-68
72	10-10-68
73	10-10-68
74	10-10-68
75	10-10-68
76	10-10-68
77	10-10-68
78	10-10-68
79	10-10-68
80	10-10-68
81	10-10-68
82	10-10-68
83	10-10-68
84	10-10-68
85	10-10-68
86	10-10-68
87	10-10-68
88	10-10-68
89	10-10-68
90	10-10-68
91	10-10-68
92	10-10-68
93	10-10-68
94	10-10-68
95	10-10-68
96	10-10-68
97	10-10-68
98	10-10-68
99	10-10-68
100	10-10-68

**ASHE**

## SEC. XI

**CATGY . EXAM**

ITEM NO

## EXAM

## METHOD

## PROCEDURE

LINE 2-SI-8 (FIG NO B-11)

310570	2-SI-8-14S	C-F	PT	12SHP5050NDE001	X	-	-	J.O.	C18447/07
	ELBOW TO PIPE	C5.11							

LINE 2-SI-9 (FIG NO B-12)

310900	2-SI-9-04F	C-F	PT	12SHP5050NDE001	X	-	-	J.O. C18447/07
	PIPE TO ELBOW	C5.11						

311010	2-SI-9-15S	C-F	PT	12SHP5050NDE001	X	-	-	J.O. C18447/07
	PIPE TO ELBOW	C5.11	.					

LINE 2-SI-58 (FIG NO B-15)

[illegible]

LINE 2-SI-60 (FIG NO B-17 & B-1)

311670	2-SI-60-11S	C-F	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	PIPE TO ELBOW	C5.21	UT0L	DCC-UT49/2/1/0	X	-	-	
			UT45	DCC-UT31/2/0/0	-	X	-	
			UT45T		X	-	-	

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

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

312160	2-SI-62-24S	C-F	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	PIPE TO ELBOW	C5.21	UT0L	DCC-UT49/2/1/0	X	-	-	
			UT45	DCC-UT31/2/0/0	X	-	-	
			UT45T		X	-	-	

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



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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
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CLASS 2 COMPONENTS

EMERGENCY CORE COOLING

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

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

312200	2-SI-62-27S-PL 1 THROUGH 4 PIPE LUG	C-C C3.20	PT	12SHP5050NDE001	X - -	J.O. C18446/07
--------	--	--------------	----	-----------------	-------	----------------

LINE 2-SI-78 (FIG NO B-23)

312600	2-SI-78-01F REDUCER TO PIPE	C-F C5.21	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/2/1/0 DCC-UT31/2/0/0	X - - X - - X - - X - -	SWRI   **3378028 (6-SS-160-.71)**
--------	--------------------------------	--------------	-----------------------------	---	----------------------------------	--

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

312910	2-SI-79-15S PIPE TO ELBOW	C-F C5.21	PT UTOL UT45 UT45T UT60	DCC-PT1/0/0/0 DCC-UT49/2/1/0 DCC-UT31/2/0/0	X - - X - - - X - X - - - X -	SWRI - LIMITED EXAM DUE TO AS-WELDED CONDITION AND PROXIMITY OF I-BEAM.  **3378028 (6-SS-160-.71)**
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LINE 2-RH-14 (FIG NO B-26)

313050	2-RH-14-04S PIPE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X - -	J.O. C18447/07
313185	2-RH-14-15F-PS PIPE SUPPORT	C-C C3.20	PT	12SHP5050NDE001	X - -	J.O. C18447/07

LINE 2-RH-15 (FIG NO B-27)

313370	2-RH-15-05F ELBOW TO VALVE	C-F C5.11	PT	12SHP5050NDE001	X - -	J.O. C18447/07
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EMERGENCY CORE COOLING

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

LINE 2-RH-15 (FIG NO B-27)

313610	2-RH-15-28S	C-F	PT	12SHP5050NDE001	X	-	-	J.O. C18447/07
	PIPE TO ELBOW	C5.11						

LINE 2-RH-16 (FIG NO B-28)

313830	2-RH-16-20S	C-F	PT	12SHP5050NDE001	X	-	-	J.O. C18447/07
	PIPE TO TEE	C5.11						

LINE 2-RH-17 (FIG NO B-29)

313970	2-RH-17-09F	C-F	PT	12SHP5050NDE001	X	-	-	J.O. C18447/07
	ELBOW TO PIPE	C5.11						

LINE 2-RH-18 (FIG NO B-30)

314280	2-RH-18-23F	C-F	PT	12SHP5050NDE001	X	-	-	J.O. C18447/07
	PIPE TO ELBOW	C5.11						

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

314530	2-RH-19-13S	C-F	PT	12SHP5050NDE001	X	-	-	J.O. C18447/07
	TEE TO PIPE	C5.11						

LINE 2-RH-20 (FIG NO B-32)

314830	2-RH-20-08S	C-F	PT	12SHP5050NDE001	X	-	-	J.O. C18447/07
	PIPE TO ELBOW	C5.11						



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CLASS 2 COMPONENTS

EMERGENCY CORE COOLING

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

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

315670	2-RH-23-14S TEE TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. C18447/07
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LINE 2-RH-24 (FIG NO B-36)

315785	2-RH-24-07F-PS PIPE SUPPORT	C-C C3.20	PT	12SHP5050NDE001	X	-	-	J.O. C18447/07
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LINE 2-RH-31 (FIG NO B-37 & B-3)

315970	2-RH-31-14F REDUCER TO PIPE	C-F C5.21	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/2/1/0 DCC-UT31/2/0/0	X X - X	- - X -	- - - -	SWRI - LIMITED EXAM DUE TO PIPE REDUCER CONFIGURATION.  **3378029 (8-SS-160-.81)**
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316020	2-RH-31-19F ELBOW TO VALVE	C-F C5.21	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/2/1/0 DCC-UT31/2/0/0	X X X X	- - - -	- - - -	SWRI - LIMITED EXAM DUE TO VALVE CONFIGURATION.  **3378029 (8-SS-160-.81)**
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LINE 2-RH-32 (FIG NO B-39)

316040	2-RH-32-02S PIPE TO ELBOW	C-F C5.21	PT UTOL UT45 UT45T UT60	DCC-PT1/0/0/0 DCC-UT49/2/1/0 DCC-UT31/2/0/0	X X X X X	- - - - -	- - - - -	SWRI    **3378029 (8-SS-160-.81)**
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LINE 2-RH-33 (FIG NO B-40)

316070	2-RH-33-02S PIPE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. C18446/07 - LIMITATION DUE TO BOX RESTRAINT.
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COOK NUCLEAR PLANT UNIT 2  
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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	C	H	R	**CALIBRATION BLOCK**

LINE 2-CS-81 (FIG NO B-43)

316390	2-CS-81-05F	C-F	PT	12SHP505ONDE001	X - -	J.O. C18447/07
	PIPE TO STRAINER	C5.11				



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CONTAINMENT SPRAY SYSTEM

SUMMARY EXAMINATION AREA		ASHE			N	O	
		SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
NUMBER	IDENTIFICATION				C	H	R
							REMARKS
							**CALIBRATION BLOCK**
<u>LINE 2-CTS-10 (FIG NO B-44)</u>							
316690	2-CTS-10-25S PIPE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	J.O. C18447/07
316700	2-CTS-10-26S ELBOW TO PIPE	C-F C5.11	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/2/1/0 DCC-UT35/2/1/0	X X X X	- - - -	SWRI   **10-SS-40-.365-26-DCC**
316710	2-CTS-10-27S PIPE TO ELBOW	C-F C5.11	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/2/1/0 DCC-UT35/2/1/0	X X X X	- - - -	SWRI
<u>LINE 2-CTS-11 (FIG NO B-45)</u>							
316770	2-CTS-11-03S PIPE TO ELBOW	C-F C5.11	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/2/1/0 DCC-UT35/2/1/0	X X X X	- - - -	SWRI   **10-SS-40-.365-26-DCC**
<u>LINE 2-CTS-12 (FIG NO B-46)</u>							
317190	2-CTS-12-12S ELBOW TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	J.O. C18447/07
<u>LINE 2-CTS-14 (FIG NO B-48)</u>							
317790	2-CTS-14-14S PIPE TO ELBOW	C-F C5.11	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/2/1/0 DCC-UT35/2/1/0	X X X X	- - - -	SWRI



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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
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CLASS 2 COMPONENTS

CONTAINMENT SPRAY SYSTEM

SUMMARY EXAMINATION AREA		ASHE		SEC. XI		CATGY		EXAM		ITEM NO		METHOD		PROCEDURE		N O		REMARKS	
NUMBER	IDENTIFICATION																		

LINE 2-CTS-15 (FIG NO 8-49)

317940 2-CTS-15-01F C-F PT 12SHP5050NDE001 X - - J.O. C18447/07  
TEE TO PIPE C5.11

318100 2-CTS-15-15F C-F PT 12SHP5050NDE001 X - - J.O. C18447/07  
ELBOW TO PIPE C5.11



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FEEDWATER SYSTEM

SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASME SEC. XI CATGY	EXAM ITEM NO	METHOD	PROCEDURE	N O O G T R E H E O E C H R			REMARKS
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LINE 2-FW-75 (FIG NO B-55)

319380	2-FW-75-05S	C-F	HT	DCC-HT1/0/0/0	X	-	-	SWRI - SPOT LAMINAR INDICATION NOTED
	PIPE TO ELBOW	C5.21	UTOL	DCC-UT49/2/1/0	-	-	X	THAT IS CODE ACCEPTABLE.
			UT45	DCC-UT41/2/0/0	X	-	-	
			UT45T		X	-	-	
								**14-CS-80-.750-12-DCC**

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

320160	2-FW-80-06S	C-F	HT	12SHP5050NDE002	X	-	-	J.O. C18447/07
	ELBOW TO PIPE	C5.11						

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
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CLASS 2 COMPONENTS

MAIN STEAM SYSTEM

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

LINE 2-HS-90 (FIG NO B-63)

320640 2-HS-90-01S-PS C-C HT 12SHP5050NDE002 X - - J.O. C18447/07  
PIPE TO PENETRATION SEAL WELD C3.20

LINE 2-HS-92 (FIG NO B-65)

321160 2-HS-92-09S C-F HT 12SHP5050NDE002 X - - J.O. C18447/07  
PIPE TO FLANGE C5.11



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

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

PRESSURE RETAINING BOLTING (>2")

322980	MSIV-HRV-210 FLANGE BOLTING	C-D C4.40	UTO	DCC-UT36/0/1/0	X - -	SWRI - EXAMINED FROM ACCESSIBLE END OF STUDS IN PLACE.
--------	--------------------------------	--------------	-----	----------------	-------	---

**\*\*2.75-S-8-CS-40-DCC\*\***



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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
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CLASS 1 COMPONENTS

REACTOR COOLANT SYSTEM

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				O	G	T
				R	E	H
				E	O	E
				C	H	R
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LINE 2-RC-29 (FIG NO A-18)

601500	2-GRC-R-504	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18446/07
	PIPE SUPPORT COMPONENT	F2.00						

LINE 2-RC-31 (FIG NO A-20A)

602400	2-GRC-R-535	F-C	VT-3	12SHP5050NDE006	-	-	X	J.O. C18446/07 - CONDITION REPORT
	PIPE SUPPORT COMPONENT	F3.00						94-1870; DESIGN/AS-FOUND DISCREPANCY.
								EVALUATED AND FOUND TO BE ACCEPTABLE PER
								AEPSC/NECP.

LINE 2-RC-518 (FIG NO A-30)

605540	2-GRC-R-571	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18446/07
	PIPE SUPPORT COMPONENT	F2.00						



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## EMERGENCY CORE COOLING

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

LINE 2-SI-78 (FIG NO A-33)

605900	2-GSI-V-604	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C18446/D7
	PIPE SUPPORT COMPONENT	F3.00	VT-4		X	-	-	

LINE 2-SI-76 (FIG NO A-34)

606100	2-GSI-V-670	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C18446/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4		X	-	-	

LINE 2-SI-568 (FIG NO A-43)

008400	2-GSI-R-700	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O.	C18446/07
	PIPE SUPPORT COMPONENT	F2.00							

608500	2-GSI-V-699	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O.	C18446/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4		X	-	-	1	

LINE 2-SI-569 (FIG NO A-44)

609100	2-GSI-R-703	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O.	C18446/07
	PIPE SUPPORT COMPONENT	F2.00							



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REACTOR COOLANT PUMPS

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

PUMP SUPPORTS

609610	RC PUMP No. 22	F-B	VT-3	12SHP5050NDE006	X - -	J.O. C18446/07
		F2.00				



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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
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REGENERATIVE HEAT EXCHANGER (FIGURE B-5)

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

SUPPORT COMPONENT

700050	CS-5 BRACKET	F-C F3.00	VT-3	12SHP5050NDE006	X - -	J.O. C18446/07
700060	CS-6 BRACKET	F-C F3.00	VT-3	12SHP5050NDE006	X - -	J.O. C18446/07

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RHR HEAT EXCHANGER WEST (FIGURE B-8A)

				N	O	
	ASHE			O	G	T
	SEC. XI			R	E	H
SUMMARY EXAMINATION AREA	CATGY	EXAH		E	O	E REMARKS
NUMBER IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	H	R **CALIBRATION BLOCK**
ORDERED FROM.....	DATE.....	BY.....	REMARKS.....	F	I	.....

SUPPORT COMPONENT

700170 W-RHRHEX-SC-1 F-B VT-3 12SHP505ONDE006 X - - J.O. C18447/07  
F2.00



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BORON INJECTION TANK (FIGURE B-9)

				N	O	
				O	G	T
				R	E	H
SUMMARY EXAMINATION AREA				E	O	E
NUMBER	IDENTIFICATION	CATGY	EXAM	C	H	R
				REMARKS		
				**CALIBRATION BLOCK**		
-----				-	-	-

SUPPORT COMPONENT

700210	2-BIT-CS-3	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07
		F2.00						



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EMERGENCY CORE COOLING

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

LINE 2-SI-7 (FIG NO B-10)

710020	2-GSI-L-110	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07
	PIPE SUPPORT COMPONENT	F2.00						

LINE 2-SI-8 (FIG NO B-11)

710480	2-GRH-L-37	F-C	VT-3	12SHP5050NDE006	-	-	X	J.O. C18447/07 - CONDITION REPORT 94-1470; DESIGN/AS-FOUND DISCREPANCY. EVALUATED AND FOUND TO BE ACCEPTABLE PER AEPSC/NECP.
	PIPE RESTRAINT COMPONENT	F3.00						

LINE 2-SI-9 (FIG NO B-12)

710725	2-GSI-L-40	F-C	VT-3	12SHP5050NDE006	-	-	X	J.O. C18447/07 - CONDITION REPORT 94-1567; DESIGN/AS-FOUND DISCREPANCY. EVALUATED AND FOUND TO BE ACCEPTABLE PER AEPSC/NECP.
	PIPE RESTRAINT COMPONENT	F3.00						

710800	2-GSI-V-41	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4		X	-	-	

710900	2-GSI-R-43	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07
	PIPE SUPPORT COMPONENT	F2.00						

711000	2-GSI-R-42	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07
	PIPE SUPPORT COMPONENT	F2.00						

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

711610	2-GSI-R-555	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18446/07
	PIPE SUPPORT COMPONENT	F2.00						



INDIANA MICHIGAN POWER COMPANY, DONALD C. COOK NUCLEAR PLANT, BRIDGMAN MI.  
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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

EMERGENCY CORE COOLING

SUMMARY EXAMINATION AREA		ASHE			N . O	
		SEC. XI			O G T	
		CATGY	EXAM		R E H	
		ITEM NO	METHOD	PROCEDURE	E O E	REMARKS
NUMBER	IDENTIFICATION				C H R	**CALIBRATION BLOCK**
-----						
<u>LINE 2-RH-14 (FIG NO B-26)</u>						
713090	2-GRH-R-19 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	- - X	J.O. C18447/07 - CONDITION REPORT 94-1805; DESIGN/AS-FOUND DISCREPANCY. EVALUATED AND FOUND TO BE ACCEPTABLE PER AEPSC/NECP.
<u>LINE 2-RH-15 (FIG NO B-27)</u>						
713200	2-GRH-L-1 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C18447/07
713300	2-GRH-R-11 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X - -	J.O. C18447/07
<u>LINE 2-RH-16 (FIG NO B-28)</u>						
713370	2-GRH-R-5 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C18447/07
713380	2-GRH-R-4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C18447/07
<u>LINE 2-RH-17 (FIG NO B-29)</u>						
713400	2-GRH-L-805 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X - -	J.O. C18447/07
713410	2-GRH-R-804 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	- - X	J.O. C18447/07 - CONDITION REPORT 94-1516; DESIGN/AS-FOUND DISCREPANCY. EVALUATED AND FOUND TO BE ACCEPTABLE PER AEPSC/NECP.



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COOK NUCLEAR PLANT UNIT 2  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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EMERGENCY CORE COOLING

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

LINE 2-RH-20 (FIG NO B-32)

714470	2-GSI-L-72 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X - -	J.O. C18447/07
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714540	2-GSI-R-73 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C18447/07
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714560	2-GSI-L-75 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C18447/07
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714565	2-GSI-L-76 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C18447/07
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LINE 2-RH-21 (FIG NO B-33)

714755	2-GSI-R-64 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X - -	J.O. C18446/07
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LINE 2-RH-22 (FIG NO B-34)

714860	2-GRH-R-32 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C18447/07
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714890	2-GRH-R-31 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C18447/07
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COOK NUCLEAR PLANT UNIT 2

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
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EMERGENCY CORE COOLING

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	REMARKS
					C H R	**CALIBRATION BLOCK**
-----						

LINE 2-RH-22 (FIG NO B-34)

714895	2-GSI-R-90	F-C	VT-3	12SHP5050NDE006	X - -	J.O. C18447/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4			

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

715340	2-GRH-R-501	F-B	VT-3	12SHP5050NDE006	X - -	J.O. C18446/07
	PIPE SUPPORT COMPONENT	F2.00				



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CONTAINMENT SPRAY SYSTEM

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

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

715635	2-GCTS-V-4	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4		X	-	-	

715650	2-GCTS-V-5	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4		X	-	-	

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

716550	2-GCTS-R-18	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07
	PIPE SUPPORT COMPONENT	F2.00						

716630	2-GCTS-R-19	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07
	PIPE SUPPORT COMPONENT	F3.00						

716670	2-GCTS-L-26	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18477/07
	PIPE SUPPORT COMPONENT	F2.00						

716695	2-GCTS-R-28	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07
	PIPE SUPPORT COMPONENT	F2.00						



INDIANA MICHIGAN POWER COMPANY; DONALD C. COOK NUCLEAR PLANT, BRIDGMAN, MI.  
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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

FEEDWATER SYSTEM

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

LINE 2-FW-71 (FIG NO B-51)

751000	2-GFW-V-875	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07 - CONDITION REPORT
	PIPE RESTRAINT COMPONENT	F3.00	VT-4		-	-	X	94-1886; DESIGN/AS-FOUND DISCREPANCY.
								EVALUATION REVEALED SUPPORT MET
								OPERABILITY LIMITS BUT WAS REPAIRED TO
								MEET THE ORIGINAL DESIGN INTENT.

751200	2-FW-71-HANGER	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07
	PIPE RESTRAINT COMPONENT	F2.00						

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

752800	2-FW-73-HANGER	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07
	PIPE RESTRAINT COMPONENT	F2.00						



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CLASS 2 COMPONENTS

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MAIN STEAM 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	H	R
							REMARKS
							**CALIBRATION BLOCK**
					-	-	

LINE 2-MS-95 (FIG NO B-68)

761500	2-MSH-4	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C18446/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4		X	-	-	

LINE 2-MS-96 (FIG NO B-69)

761900	2-MS-96-06S-PS	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18447/07
	PIPE SUPPORT COMPONENT	F2.00						

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Technical Specififcation/Inservice Inspection  
Snubber Examinations and Tests

Visual examination of snubbers are separated into three (3) categories: Grinnell "Inaccessible", and "Steam Generator". The functional test surveillances are separated into two (2) categories: "Grinnell" and "Steam Generator".

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

Visual Examinations

<u>Category</u>	<u>Compl. Date</u>	<u>Comments/Results</u>
a.Grinnell "Accessible"	05-08-94	all acceptable
	09-12-94	all acceptable
	10-27-94	all acceptable
b.Grinnell "Inaccessible"	09-20-94	all acceptable
	10-28-94	all acceptable
c.Steam Generator	10-03-94	all acceptable
	10-27-94	all acceptable

Functional Tests

<u>Category</u>	<u>Compl. Date</u>	<u>Comments/Results</u>
a.Grinnell	09-29-94	sixteen tested, all acceptable, see attached sheet
b. Steam Generator	10-18-94	four tested, all acceptable, see attached sheet

Note: The five (5) ISI/Non-Tech. Spec. snubbers that are listed on the attached sheets were inspected per Procedure No. \*\*12MHP4030.STP.004 with the As-Found Grinnell "Accessible" snubber inspections.

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Snubber Functional Test Surveillances

<u>Snubber Mark No.</u>	<u>Date Tested</u>	<u>As-Found</u>
2-GRC-S555	09-22-94	Pass
2-GRC-S573	09-22-94	Pass
*2-GRC-S598	09-24-94	Pass
2-GRC-S611	09-22-94	Pass
2-FW-S4 (U)	09-26-94	Pass
2-FW-S5	09-21-94	Pass
2-FW-S8 (U)	09-26-94	Pass
2-GBD-S568	09-14-94	Pass
2-GCCW-S274	09-22-94	Pass
2-GCCW-S320	09-22-94	Pass
2-GCCW-S843	09-19-94	Pass
*2-MSS-1	09-28-94	Pass
*2-MSS-5	09-26-94	Pass
2-MSS-7	09-28-94	Pass
2-GCTS-S115 (N)	09-15-94	Pass
2-GCTS-S115 (S)	09-16-94	Pass
2-OME-3-3-HSD-3L	10-02-94	Pass
2-OME-3-3-HSD-3U	10-02-94	Pass
2-OME-3-3-HSD-L1	10-05-94	Pass
2-OME-3-4-HSD-3L	10-18-94	Pass

\* Snubbers that were tested due to functional failures at the previous testing period (last outage).



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Unit 2 Grinnell "Accessible" Snubbers

<u>Tech. Spec.</u>	<u>Mark Number</u>	<u>Azimuth</u>	<u>Elevation</u>
41	2-GBD-S563 (L)	275	607
42	2-GBD-S563 (U)	275	608
43	2-GBD-S569 (L)	275	607
44	2-GBD-S569 (U)	275	608
45	2-GBD-S568	264	608
46	2-GRH-S6		581
47	2-GRH-S7		581
48	2-GRH-S24		581
49	2-GRH-S25		580
50	2-GCCW-S274		621
51	2-GCCW-S308		610
52	2-GCCW-S317		621
53	2-GCCW-S320		610
57	2-GCCW-S838		621
58	2-GCCW-S839		621
59	2-GCCW-S840		620
60	2-GCCW-S843		620
61	2-GCCW-S306		596
63	2-GCS-S637	72	608
73	2-GSI-S47		573
74	2-GSI-S51		573
75	2-GSI-S575	65	598
76	2-GSI-S657	185	610
78	2-GCTS-S61		579
79	2-GCTS-S113 (E)		582
80	2-GCTS-S113 (W)		582
81	2-GCTS-S114 (N)		582
82	2-GCTS-S114 (S)		582
83	2-GCTS-S115 (N)		579
84	2-GCTS-S115 (S)		579
85	2-GCTS-S116 (E)		579
86	2-GCTS-S116 (W)		579

ISI Long Term Plan Snubbers

2-GFW-S868	617
2-GFW-S869	616
2-GFW-S873	616
2-GFW-S885	606
2-GFW-S891	602

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Unit 2 Grinnell "Inaccessible" Snubbers

<u>Tech. Spec.</u>	<u>Mark Number</u>	<u>Azimuth</u>	<u>Elevation</u>
1	2-GRC-S537	25	610
2	2-GRC-S538	41	614
3	2-GRC-S555	141	614
4	2-GRC-S562	154	610
5	2-GRC-S564	317	614
6	2-GRC-S566	331	610
7	2-GRC-S573	223	614
8	2-GRC-S575	208	610
9	2-GRC-S582	208	617
10	2-GRC-S592	282	683
11	2-GRC-S594	291	683
12	2-GRC-S596	292	682
13	2-GRC-S598	279	671
14	2-GRC-S599	289	672
15	2-GRC-S609	283	689
16	2-GRC-S611	294	681
17	2-GRC-S623	277	682
18	2-GRC-S624	247	615
19	2-GRC-S626	284	692
20	2-GRC-S629	283	687
21	2-GRC-S630	291	672
22	2-GRC-S632	291	669
23	2-GRC-S631	291	670
24	2-GRC-S587	260	622
25	2-FW-S1	31	634
26	2-FW-S2 (L)	26	633
27	2-FW-S2 (U)	26	636
28	2-FW-S3	20	629
29	2-FW-S4 (L)	155	637
30	2-FW-S4 (U)	155	641
31	2-FW-S5	163	634
32	2-FW-S6	157	629
33	2-FW-S7	204	634
34	2-FW-S8 (L)	200	633
35	2-FW-S8 (U)	200	636
36	2-FW-S9	194	629
37	2-FW-S10 (L)	334	634
38	2-FW-S10 (U)	334	636
39	2-FW-S11	330	634
40	2-FW-S12	343	629
54	2-GCCW-S519	132	623
55	2-GCCW-S521	132	624
56	2-GCCW-S550	308	619
62	2-GCS-S634	299	613
64	2-GCS-S729	234	617
65	2-MSS-1	8	639
66	2-MSS-2	17	635
67	2-MSS-3	172	639
68	2-MSS-4	165	635
69	2-MSS-5	191	635
70	2-MSS-6	184	639
71	2-MSS-7	349	635
72	2-MSS-8	356	639
77	2-GSI-S707	221	608

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Unit 2 Steam Generator Snubbers

<u>Steam Generator No.</u>	<u>Component No.</u>	<u>Serial Number</u>
S/G #21	2-OME-3-1-HSD-1L	25.12620.007-18
	2-OME-3-1-HSD-1U	25.12620.007-29
	2-OME-3-1-HSD-3L	25.12620.007-30
	2-OME-3-1-HSD-3L	25.12620.007-17
<hr/>		
S/G #22	2-OME-3-2-HSD-1L	25.12620.007-32
	2-OME-3-2-HSD-1U	25.12620.007-28
	2-OME-3-2-HSD-3L	25.12620.007-25
	2-OME-3-2-HSD-3U	25.12620.007-26
<hr/>		
S/G #23	2-OME-3-3-HSD-1L	25.12620.007-24
	2-OME-3-3-HSD-1U	25.12620.007-27
	2-OME-3-3-HSD-3L	25.12620.007-22
	2-OME-3-3-HSD-3U	25.12620.007-21
<hr/>		
S/G #24	2-OME-3-4-HSD-1L	25.12620.007-23
	2-OME-3-4-HSD-1U	25.12620.007-20
	2-OME-3-4-HSD-3L	25.12620.007-21
	2-OME-3-4-HSD-3U	25.12620.007-31



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STEAM GENERATOR IN-SERVICE INSPECTION

Eddy Current inspection of the Unit 2 steam generators was performed during October of 1994. Approximately 6.5% of the total number of tubes in S/Gs 22 and 23 were inspected with an eddy current bobbin coil probe in accordance with Technical Specifications. In addition, due to observed tube damage in the tube lanes of S/Gs 22 and 23, 108 tubes in each generator were inspected from 3" above the flow distribution baffle (FDB) to the end of the tube on the hot and cold legs. Tube damage was attributed to mechanical interaction between the tubes and equipment used to perform Pressure Pulse Cleaning (PPC) on the secondary side of the steam generators. A summary of the inspection scope is listed in the following table.

Summary Unit 2 Steam Generator Inspection Scope

Description	S/G 22	S/G 23	TOTAL
Inspected Full Length	67	67	134
Inspected from the seventh support plate on the cold leg (7C) to tube end hot (TEH) (Selected at random)	154	154	308
Low Row Tubes Inspected 7C to TEH	14	14	28
Tubes inspected FDB+3" to tube end hot and tube end cold in the tube lane region	108	108	216
TOTAL	343	343	686

No imperfections were found as a result of the Technical Specification eddy current inspection. However, based on the results of the special eddy current maintenance inspection for mechanically damaged tubes, a total of three tubes in S/G 22 and six tubes in S/G 23 were plugged and removed from service. None of the tubes inspected during the special eddy current maintenance inspection exhibited signs of service induced degradation. A listing of the tubes plugged and removed from service is listed in the table below:

S/G 22	S/G 23	
Row 1 Column 92	Row 1 Column5	Row 1 Column 92
Row 1 Column 93	Row 1 Column 6	Row 1 Column 93
Row 1 Column 94	Row 1 Column 7	Row 1 Column 94



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Reactor Vessel Closure Head Inspections

RV Closure Head Penetration Inspections

An eddy current inspection was performed on 71 of 78 reactor vessel closure head penetrations. One penetration was found to exhibit crack-like indications. A supplemental forward-scatter-time of flight ultrasonic examination was performed on this penetration and used to characterize the indications as three axial cracks which have a maximum depth of 6.8 mm. While all indications were within the NEI screening criteria, the NRC was contacted for concurrence that any repairs may be deferred until a subsequent outage.

RV Control Rod Drive/Thermocouple Guide Funnel Inspections/Repairs

A manual inspection was performed on the 53 Reactor Vessel CRD thermal sleeve guide funnels and the five (5) guide funnels that are installed on the thermocouple columns. Forty-two (42) of the CRD thermal sleeve guide funnels were found to exhibit some degree of movement when they were manually rotated. The maximum radial movement noted on any of the guide funnels was approximately .100 inches. No movement was detected on any of the guide funnels installed on the thermocouple columns; however, one guide funnel was found not to have its anti-rotation pins installed.

A design change (MM-580) was generated to restore the guide funnels to a condition equivalent to the original design. The forty-two (42) CRD thermal sleeve guide funnels that exhibited movement and the thermocouple guide funnel that did not have its anti-rotation pins installed were attached to their adjoining components by the use of fillet welds.

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System Pressure Tests

Inservice Inspection System Pressure Tests were performed during the Fall 1994 Unit Two Refueling Outage. These tests were in accordance with the requirements of ASME Section XI Articles IWA-5000, IWB-5000, IWC-5000, and IWD-5000 as applicable.

A total of twenty-one (21) hydrostatic tests were performed during the outage. 2-OHP5070.ISI.012 (Excess Letdown Heat Exchanger) which failed with a weld leak, was repaired and retested satisfactorily. The remaining tests were within allowable acceptance criteria. The tests performed were:

<u>PROCEDURE</u>	<u>DESCRIPTION</u>	<u>NUMBER OF TESTS COMPLETED</u>
**2-OHP 5070.ISI.009	Component Cooling Water East and West Trains	2
**2-OHP 5070.ISI.010	Component Cooling Water Misc. Supply Return Headers	1
**2-OHP 5070.ISI.012	Component Cooling Water Piping Heat Exchanger, RCP Thermal Barriers, RCP Oil Coolers	3
**2-OHP 5070.ISI.016	Control Room A/C Circ Water	2
**2-OHP 5070.ISI.029	SI Pump Mini-flow Piping to RWST	2
**2-OHP 5070.ISI.030	CVCS; Letdown Piping and Components	1
**2-OHP 5070.ISI.031	Volume Control Tank and Associated Piping	1
**2-OHP 5070.ISI.032	RCP Seal Water Piping Supply/Leakoff	9

In addition system functional, inservice and leakage tests were conducted on Class 1, 2 and 3 systems. This included the entire Reactor Coolant System and associated piping per the requirement of IWB-5221. The results of the system functional, inservice and leakage tests were all within allowable acceptable range.

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

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

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Job	Component	Code	Date	
Order	Activity UNIT	Identification	Class	Worked
				Type of Repair or Replacement
C01238	1	2 GSI-V839	2	10/21/93 INSTALL MISSING NUT
C04197	1	2 IMO-110	1	11/18/94 REPLACE WEDGE
C04452	2	2 MRV-213	2	7/18/92 MACHINE VALVE PLUG
C04828	10	2 MRV-243	2	11/13/92 REPLACE PLUG/REPAIR SEAT
C06091	1	2 DCR-310	2	8/13/92 REPLACE BONNET/PLUG/NUT
C08309	3	2 MRV-223	2	11/4/92 REPLACE PLUG/CAGE REPAIR BODY
C09008	1	2 GFW-S885	2	10/6/92 REPLACE SNUBBER
C09659	2	2 QRV-451	2	10/15/92 REPLACE STUDS AND NUTS
C09946	5	2 NRV-164	1	7/6/92 REPLACE BONNET STUDS
C09961	2	2 QRV-162	2	7/6/92 REPLACE STUDS
C09962	3	2 IMO-316	2	8/13/92 REPLACE STUDS AND NUTS
C09981	3	2 IMO-325	1	8/8/92 REPLACE STUDS AND NUTS
C09989	3	2 NRV-164	1	9/28/94 REPLACE VALVE INTERNALS
C10100	3	2 IMO-315	1	9/30/94 REPLACE BOLTING
C10178	4	2 NMO-151	1	10/12/94 REPLACE WEDGE
C10596	2	2 MRV-221	2	8/8/92 REPLACE PLUG AND STEM ASSEMBLY
C10644	1	2 RH-104E	2	9/24/92 REPLACE STUDS AND NUTS
C10723	6	2 OME-4	1	8/6/92 REPLACE MANWAY AND BOLTING REPAIR MANWAY BY MACHINING
C10777	1	2 SI-169-L1	1	8/11/92 REPAIR INBODY SEATING SURFACE
C11199	8	2 MMO-240	2	10/23/94 REWELD THE BODY RING SEAL
C11199	3	2 MMO-240	2	11/8/94 REPLACE POPPET (PLUG)
C11202	4	2 RH-109W	2	3/8/93 REPAIR INBODY SEATING SURFACE
C11366	3	2 MRV-233	2	9/9/92 REPLACE PLUG AND STEM ASSEMBLY
C11742	1	2 RH-108W	2	9/19/92 REPLACE BOLTING
C11743	1	2 RH-108E	2	9/21/92 REPLACE BOLTING
C11872	3	2 RC-104-L2	1	9/28/94 REPLACE VALVE AND PIPE
C12062	11	2 ACS-L954	2	6/30/93 MODIFY SUPPORT
C12062	26	2 ACTS-R818	2	10/5/93 MODIFY SUPPORT
C12062	23	2 GSF-L54	2	6/29/93 MODIFY SUPPORT
C12062	28	2 GSI-R1A	2	6/17/93 MODIFY SUPPORT
C13676	2	2 MRV-221	2	1/8/93 REPLACE PLUG, STEM & SEAT RING
C13677	2	2 MRV-211	2	1/29/93 REPLACE PLUG, STEM & SEAT RING
C14079	3	2 MRV-223	2	5/12/93 REPLACE PLUG; MACHINE BONNET
C14079	12	2 MRV-223	2	7/10/93 REPLACE PLUG; MACHINE BODY
C14196	5	2 BD-103-4	2	11/19/94 REPLACE VALVE AND PIPE
C14331	1	2 CS-797 #92-21	2	10/11/93 MODIFY SMALL BORE SUPPORT
C14331	1	2 CS-797 #92-26	2	10/11/93 MODIFY SMALL BORE SUPPORT
C14331	1	2 CS-798 #92-20	2	10/11/93 MODIFY SMALL BORE SUPPORT
C14331	1	2 CS-798 #92-22	2	10/11/93 MODIFY SMALL BORE SUPPORT
C14689	1	2 CS-353	2	3/24/93 REPAIR INBODY SEATING SURFACE
C15292	2	2 ASI-L913	2	10/9/94 HANGER MODIFICATION
C15292	2	2 ASI-L914	2	10/9/94 HANGER MODIFICATION
C15292	2	2 GSI-L109	2	10/9/94 MODIFY SUPPORT
C15292	2	2 GSI-L111A	2	10/9/94 MODIFY SUPPORT
C17096	10	2 MRV-223	2	9/10/93 REPLACE VALVE



INDIANA MACHIGAN POWER COMPANY  
D.C. COOK NUCLEAR PLANT  
UNIT 2; COMMERCIAL SERVICE 7/1/1978  
NATIONAL BOARD NUMBER 1

Job	Component	Code	Date	
Order	Activity UNIT	Identification	Class	Worked
				Type of Repair or Replacement
C17441	5	2 GCTS-R500	2	10/26/94 MODIFY SUPPORT
C17441	5	2 GCTS-R505	2	10/26/94 MODIFY SUPPORT
C17441	5	2 GCTS-R520	2	10/26/94 MODIFY SUPPORT
C17441	5	2 GCTS-R535	2	10/20/94 REPLACE FIG. 137
C17441	5	2 GCTS-R540	2	10/26/94 MODIFY SUPPORT
C17441	5	2 GCTS-R554	2	10/26/94 MODIFY SUPPORT
C17441	5	2 GCTS-R558	2	10/26/94 MODIFY SUPPORT
C17441	5	2 GCTS-R568	2	10/26/94 MODIFY SUPPORT
C17441	5	2 GCTS-R573	2	10/26/94 MODIFY SUPPORT
C17441	5	2 GCTS-R574	2	10/26/94 MODIFY SUPPORT
C17441	5	2 GCTS-R575	2	10/26/94 MODIFY SUPPORT
C17441	5	2 GCTS-R580	2	10/26/94 MODIFY SUPPORT
C17441	5	2 GCTS-R583	2	10/26/94 MODIFY SUPPORT
C17441	5	2 GCTS-R597	2	10/26/94 MODIFY SUPPORT
C17441	1	2 GCTS-R629	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R630	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R633	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R637	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R641	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R643	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R646	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R647	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R649	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R651	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R655	2	9/21/94 RINGHEADER SUPPORTS
C17441	1	2 GCTS-R655	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R657	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R659	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R661	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R663	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R665	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R667	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R668	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R669	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R671	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R673	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R675	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R677	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R679	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R681	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R682	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R685	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R687	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R688	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R689	2	5/26/94 NONWELDED REPLACEMENT
C17441	1	2 GCTS-R691	2	5/26/94 NONWELDED REPLACEMENT



INDIANA MACHIGAN POWER COMPANY  
D.C. COOK NUCLEAR PLANT  
UNIT 2; COMMERCIAL SERVICE 7/1/1978  
NATIONAL BOARD NUMBER 1

Job Order	Activity	UNIT	Component Identification	Code Class	Date Worked	Type of Repair or Replacement
C17441	5	2	GCTS-R693	2	10/26/94	MODIFY SUPPORT
C17441	5	2	GCTS-R697	2	10/26/94	MODIFY SUPPORT
C17441	1	2	GCTS-R704	2	5/26/94	NONWELDED REPLACEMENT
C17441	1	2	GCTS-R708	2	5/26/94	NONWELDED REPLACEMENT
C17441	1	2	GCTS-R710	2	5/26/94	NONWELDED REPLACEMENT
C17441	5	2	GCTS-R713	2	10/26/94	MODIFY SUPPORT
C17441	1	2	GCTS-R721	2	5/26/94	NONWELDED REPLACEMENT
C17441	5	2	GCTS-V724	2	10/26/94	MODIFY SUPPORT
C17454	1	2	GSI-L70	2	9/20/93	MODIFY SUPPORT
C17829	4	2	CS-328-L4	1	9/27/94	REPL BODY TO BONNET BOLTS
C18664	3	2	IMO-325	1	9/29/94	REPLACE BOLTING
C19300	2	2	GCTS-R700	2	10/17/94	MODIFY SUPPORT
C19471	4	2	FW-70 DET D	2	10/7/94	14" SPOOL INSTALLATION
C19472	4	2	FW-71 DET D	2	10/6/94	14" SPOOL INSTALLATION
C19474	4	2	FW-72 DET D	2	10/4/94	14" SPOOL INSTALLATION
C19475	4	2	FW-73 DET D	2	10/5/94	14" SPOOL INSTALLATION
C19629	6	2	QRV-111	1	10/26/94	REPLACE TRIM ASSEMBLY
C19862	1	2	GRC-S555	1	9/27/94	UPGRADE OF CONTROL VALVE
C19864	1	2	GRC-S573	1	9/27/94	UPGRADE OF CONTROL VALVE
C19866	1	2	GRC-S598	1	9/27/94	REPLACE VALVE BLOCK
C19869	1	2	FW-S4-U	2	9/30/94	UPGRADE OF CONTROL VALVE
C19875	1	2	FW-S5	2	9/24/94	UPGRADE OF CONTROL VALVE
C19877	1	2	FW-S8-U	2	9/30/94	UPGRADE OF CONTROL VALVE
C19880	1	2	GBD-S568	2	9/15/94	UPGRADE OF CONTROL VALVE
C19886	1	2	MSS-1	2	9/30/94	UPGRADE OF CONTROL VALVE
C19888	1	2	MSS-5	2	9/30/94	UPGRADE OF CONTROL VALVE
C19889	1	2	MSS-7	2	9/30/94	MATERIAL UPGRADE MM-300
C19924	8	2	MMO-210	2	11/1/94	REWELD SEAL AND TACK WELD
C19924	3	2	MMO-210	2	11/1/94	REPLACE B/B STUDS
C19924	3	2	MMO-210	2	11/1/94	REPLACE POPPET
C19927	8	2	MMO-220	2	11/1/94	REWELD THE BODY RING SEAL
C19927	3	2	MMO-220	2	11/1/94	REPLACE BOLTING
C19927	3	2	MMO-220	2	11/1/94	REPLACE POPPET
C19930	8	2	MMO-230	2	11/1/94	REWELD THE BODY RING SEAL
C19930	3	2	MMO-230	2	11/1/94	REPLACE B/B STUD & NUT
C19942	1	2	No Component #	2	9/6/94	INSTALL 4 FEEDWATER PORTS
C20029	1	2	GCTS-S115-N	2	9/18/94	SNUBBER UPGRADE...MM300
C20030	1	2	GCTS-S115-S	2	9/17/94	SNUBBER UPGRADE...MM300
C20640	3	2	QFR-31	2	10/31/94	REPLACE BOLTING
C20993	1	2	CONOSEALS 1-	1	11/1/94	REPLACE THERMOCOUPLE NOZ
C21013	8	2	VCR-207	2	10/14/94	REPLACE BOLTING
C21313	3	2	IMO-316	2	11/21/94	REPLACE BOLTING
C21425	3	2	BD-101-1	2	1/24/94	WELD REPAIR THRU WALL DEFECT
C21432	7	2	QRV-162	2	1/24/94	REPLACE STUDS AND NUTS
C21542	2	2	MRV-241	2	2/21/94	REPLACE SEAT RING AND PLUG
C21917	1	2	SV-1B-4	2	10/11/94	REPLACE VALVE DISC



INDIANA MACHIGAN POWER COMPANY  
D.C. COOK NUCLEAR PLANT  
UNIT 2; COMMERCIAL SERVICE 7/1/1978  
NATIONAL BOARD NUMBER 1

Job	Component	Code	Date	
Order	Activity UNIT Identification	Class	Worked	Type of Repair or Replacement
C23011	2 2 RC-102-L3	1	10/26/94	REPLACE STEM AND DISC
C23787	6 2 MS-135-2	2	11/18/94	REPLACE VALVE AND PIPE
C24544	3 2 IMO-312	2	10/10/94	REPLACE BACKSEAT RET.RING
C24817	1 2 WCR-958	2	10/2/94	ROTATE VALVE FOR CPN71
C24817	11 2 WCR-958	2	10/2/94	REPLACE STUDS
C25993	1 2 SV-1A-2	2	10/13/94	REPLACE DISC
C26042	4 2 QMO-225	2	10/7/94	REPLACE PLUG
C26053	3 2 QMO-226	2	10/7/94	REPLACE PLUG
C26158	2 2 CCR-460	2	10/1/94	REPLACE STUD
C26162	2 2 CCR-462	2	10/4/94	REPLACE PLUG
C26408	2 2 OME-3-3	2	10/15/94	MACHINE SS MANWAY
C26430	7 2 CCM-458	2	10/13/94	REPLACE VALVE AND BOLTING
C26434	5 2 OME-3-3	1	10/25/94	REPLACE STUD AND NUT
C26497	3 2 QMO-201	2	10/10/94	REPLACE WEDGE AND STUDS
C26507	1 2 GFW-S873	2	10/16/94	REPLACE RESERVOIR
C26508	1 2 QCR-301	2	10/15/94	REPLACE TRIM ASSEMBLY
C26546	1 2 SI-151E PIPE	2	10/23/94	REMOVE ARC STRIKE
C26590	3 2 QMO-200	1	10/15/94	REPLACE WEDGE
C26852	1 2 QMO-420	2	10/31/94	REPLACE VALVE
C27211	4 2 OME-3-3	1	11/28/94	REPLACE MANWAY STUDS NUTS
R09655	5 2 SV-45A	1	10/5/94	REPLACE VALVE
R09656	5 2 SV-45C	1	10/5/94	REPLACE VALVE
R12537	1 2 MSS-1	2	10/17/94	REPLACE TAPERED LOAD PIN
R22608	6 2 SV-45B	1	10/5/94	REPLACE VALVE
R22733	1 2 GRC-S555	1	10/7/94	REPLACE LOAD PIN
R22843	1 2 GBD-S568	2	9/22/94	REPLACE TAPERED LOAD PIN
R24359	1 2 MSS-7	2	10/4/94	REPLACE LOAD PIN
R25802	2 2 CTS-103W	2	9/16/94	REPLACE NUTS AND STUDS
R25813	3 2 FW-118-4	2	10/13/94	REPLACE B/B STUDS
R25826	1 2 SV-52	2	10/7/94	REPLACE FASTENERS
R25831	5 2 SV-107	2	10/22/94	REPLACE BOLTING
R25994	2 2 DCR-310	2	10/25/94	REPLACE PLUG
R26005	2 2 DCR-330	2	10/24/94	REPLACE VALVE INTERNALS
R26006	2 2 DCR-320	2	10/29/94	REPLACE BONNET, PLUG, BOLT
R26084	1 2 QCR-301	2	10/4/94	REPLACE TRIM ASSEMBLY
R26086	2 2 QRV-51	1	9/27/94	REPLACE VALVE TRIM ASSY
R26087	9 2 MRV-212	2	10/13/94	REPLACE PLUG/SEAT RING
R26088	9 2 MRV-211	2	10/13/94	REPLACE PLUG/SEAT RING
R26093	9 2 MRV-232	2	9/23/94	REPLACE PLUG AND SEATRING
R26094	9 2 MRV-231	2	10/11/94	REPLACE PLUG/SEAT RING
R26095	9 2 MRV-222	2	10/11/94	REPLACE PLUG AND STEM ASSEMBLY
R27507	4 2 CS-451-2	2	9/27/94	REPLACE STUDS AND NUTS
R27508	4 2 CS-451-3	2	9/28/94	REPLACE STUDS AND NUTS
R29750	9 2 SV-52	2	9/22/94	REPLACE FASTENERS
R31309	2 2 SI-101	2	9/19/94	REPLACE DISC

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-21-93  
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 C1238-1,2-GSI-V-839, HANGER  
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 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-GSI-V-839				N/A	N/A	REPAIRED	NO
NUT	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	SA194 GR 2H ME30-046623 ASP#13276	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)

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

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

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

## FORM NIS-2 (Back)

9. Remarks INSTALLED MISSING NUT ON HANGER 2-GSI-V-839  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C1238-1

File: 2-GSI-V-839

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 2-17, 1994  
JO 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 4-15-92 to 4-27-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rocky W. White Commissions Mich. #686 (N+I)  
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-27- 1994

\*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 10-06-94  
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 C4197-1, 2-IMO-110  
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 ACCUMULATOR TANK 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-IMO-110	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
WEDGE	VELAN	N/A	N/A	SA-182 TYPE F304 M&E30044155 ASP#8509	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)

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

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED CRACKED WEDGE DUE TO OVER THRUSTING WHILE SETTING VALVE  
Applicable Manufacturer's Data Reports to be attached

LIMIT. NEW WEDGE WAS MACHINED PRIOR TO INSTALLATION TO ASSURE  
PROPER FIT. PT EXAM WAS PERFORMED AND ACCEPTED AFTER MACHINING.

Ref. JO: C4197-1

File: 2-IMO-110

ISI:1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994  
 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 10-5-94 to 12-1-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. F. Mutterspach Commissions Mich 0055, End N&I  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date December 1 19 94



**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 07-18-92  
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 C4452-2,11 2-MRV-213 6"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-213	FISHER CONTROLS	N/A	N/A	EXISTING COMPONENT	N/A	REPAIRED	NO
		N/A	N/A				

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 PLUG TO REMOVE SURFACE ANOMALIES. PT EXAM WAS  
Applicable Manufacturer's Data Reports to be attached

PERFORMED WITH NO RELEVANT INDICATIONS NOTED PER. C4452-11

Ref. JO: C4452-2

File: 2-MRV-213

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pizarsky, Maint. Eng. Supervisor Date 3-4, 19 94  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-17-92 to 4-27-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rocky W. White Commissions Mich. #686 (N+I)  
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-27-1994

\*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 11-13-92  
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 C4828-10&11,2-MRV-243 6"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-243	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
VALVE PLUG	FISHER CONTROLS.	N/A	N/A	SA-479 M&E30040030 ASP#15282	N/A	REPLACE- MENT	NO
VALVE BODY SEATING SUFACE	FISHER CONTROLS	N/A	N/A	SA-216 GR.WCB CASTING	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 BUILT UP VALVE BODY SEATING SURFACE WITH WELD METAL PER.  
Applicable Manufacturer's Data Reports to be attached
- J.O.C-4828 ACT.#10,MACHINED AND PREFROMED FINAL SURFACE EXAM  
ON SEATING SURFACE,ALSO REPLACED VALVE PLUG PER.J.O.C-4828-11
- Ref. JO: C-4828-10&11 File:2-MRV-243 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 1-22, 19 94  
 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 10-15-92 to                     , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Waters Commissions MLH0055, END N&E  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 2-16 19 94



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-13-92  
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 C6091-1,2-DCR-310,2"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 BLOWDOWN
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-DCR-310	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
BONNET	HAMMEL DAHL INC.	N/A	N/A	SA-182 GR.F5A M&E30040710 ASP#13893**	N/A	REPLACE- MENT	NO
PLUG	NELES-JAMESBURY	N/A	N/A	ASTM A582 GR.416 M&E30040938 ASP#13822	N/A	REPLACE- MENT	NO
CLAMP NUT	NELES-JAMESBURY	N/A	N/A	A-105 GR.HR-1035 M&E30040855 ASP#11110	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ X
- 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 PLUG & CLAMP NUT, \*\*BONNET ASSY, PART #150749AA WAS  
Applicable Manufacturer's Data Reports to be attached

RECEIPT INSPECTED AND ASSIGNED ASP#8514 LEAK OFF LINE WAS THEN  
PLUGED AND WELDED AND REASSIGNED ASP#13893

Ref. JO: C6091-1

File: 2-DCR-310

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 3/18, 19 94  
 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 2-22-92 to 4-22-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Ruby N. White Commissions MICH #686 (N+I)  
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-22- 19 94

\*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 11-04-92  
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 C8309-3,2-MRV-223 6" 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 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-223	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
PLUG	N/A	N/A	N/A	SA-479 WITH STELLITE #6	N/A	REPAIRED MACHINING	NO
CAGE SEATING SURFACE	N/A	N/A	N/A	17-4PH HARDFACING	N/A	REPAIRED MACHINING	NO
VALVE BODY	N/A	N/A	N/A	SA-216 GR.WCB	N/A	REPAIRED MACHINING	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 MACHINING WAS PERFORMED ON THE VALVE BODY, PLUG, AND CAGE SEAT  
Applicable Manufacturer's Data Reports to be attached

TO REMOVE STEAM CUTS. MACHINED SURFACES WERE PT \* ACCEPTABLE  
PRIOR TO REASSEMBLING.

Ref. JO:C8309-3

File: 2-MRV-223

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/2, 1994  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 11-2-92 to 6-1-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature MA Hubert

Commissions MICH 0055, END NIS  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date JUNE 2, 1994



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-06-92  
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 C9008-1,2-GFW-S-885 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 (FW)
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-S-885	N/A	N/A				REPLACED	
SNUBBER	GRINNELL	S/N 31284	N/A	M&E30024690 ASP#11873	N/A	REPLACE-MENT	N/A

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 SNUBBER WITH GRINNELL FIG.200, HYDRAULIC SHOCK AND  
Applicable Manufacturer's Data Reports to be attached

SWAY STRUT SUPPRESSOR ASSEMBLY SERIAL #31284 M&E#30-024690

Ref. JO:C9008-1

File: 2-GFW-S-885

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 2-15, 19 94  
 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 10-5-92 to       , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions MICHIGAN, ENDORSEMENT  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 2-16 19 94



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-15-92  
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-9659-2, 2-ORV-451, 2" 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 BORON MAKEUP (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 451	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUDS	ITT ENGINEERED VALVE	N/A	N/A	ASME SA-453 GR. 660 ME30-040576 ASP #14879	N/A	REPLACE-MENT	NO
NUTS	ITT ENGINEERED VALVE	N/A	N/A	ASME SA-194 GR. 8F ME30-040562 ASP #14879	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED BODY TO BONNET BOLTING THAT WERE CORRODED AND APPEARED  
Applicable Manufacturer's Data Reports to be attached  
TO BE CARBON STEEL WITH STAINLESS STEEL.

Ref. JO:C-9659-2

File: 2-ORV-451

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 1-22, 19 94  
 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 10-15-92 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. R. Maters Commissions MICHIGAN, ENDORSE  
 Inspector's Signature National Board, State, Province, Endorsements

Date 2-15 19 94

\*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 07-06-92  
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 C9946-5, 2-NRV-164, 4" VALVE  
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-164	COPEES VULCAN	N/A	N/A	N/A	N/A	REPAIRED	NO
BONNET STUDS	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	SA-453 GR. 660 M&E30030002 ASP#13888	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)

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

N/A ☐ Other ☐ VT1 Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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

## FORM NIS-2 (Back)

9. Remarks REPLACED BONNET STUDS.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C9946-5

File: 2-NRV-164

ISI: 1

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 3/17, 19 94  
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 7-8-92 to 4-27-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Robert W. White  
 Inspector's Signature

Commissions Mich # 686 (N+I)  
 National Board, State, Province, Endorsements

Date 4-27- 19 94

\*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 07-06-92  
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-9961-2,2-ORV-162,2"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 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-162	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUDS	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	STUD-SA-193 GR.B-7 M&E30029005 ASP#13745	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)

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

N/A ☒ Other ☒ <sup>2/61 3-3-94</sup> 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 BODY TO BONNET STUDS THAT WERE DEGRADED. STUDS WERE  
Applicable Manufacturer's Data Reports To Be Attached  
UPGRADED TO OL-5 FROM OL-4.

Ref. JO:C-9961-2

File: 2-ORV-162

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pearskey, Maint. Eng. Supervisor Date 3-4, 19 94  
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 7-8-92 to 4-27-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Ricky W. White  
 Inspector's Signature

Commissions Mich. #686 (N+I)  
 National Board, State, Province, Endorsements

Date 4-27-1994

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-13-92  
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-9962-3, 2-IMO-316.8" 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 \_\_\_\_\_
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-316	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUDS	NOVA PRODUCTS CORP. CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	ASME SA-193 GR. B7 ME30-028963 ASP #13001 ASP #13301		REPLACE-MENT	NO
NUTS	NOVA PRODUCTS CORP. CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	ASME SA-194 GR. 2H ME30-028963 ASP #13001 ASP #13301	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED 8 SETS OF CORRODED BONNET STUDS AND NUTS, 5 SETS WERE  
Applicable Manufacturer's Data Reports to be attached

MANUFACTURED BY NOVA MACHINE PRODUCTS CORP. ASP #13001

3 SETS WERE MANUFACTURED BY CARDINAL PRODUCTS INC. ASP #13301

Ref. JO:C-9962-3

File: 2-IMO-316

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 3/17, 19 94  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-11-92 to 4-27-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rocky W. White Commissions Mich. #686 (N+I)  
Inspector's Signature National Board, State, Province, Endorsements

Date 4-27-1994

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-08-92  
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 C9981-3,2-IMO-325,8"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 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-325	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUDS	NOVA PRODUCTS CORP.	N/A	N/A	ASME SA-193 GR. B7 ME30-028963 ASP#13001	N/A	REPLACE-MENT	NO
NUTS	NOVA PRODUCTS CORP.	N/A	N/A	ASME SA-194 GR.2H ME30-028963 ASP#13001	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED CORRODED BONNET STUDS AND NUTS  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C9981-3

File: 2-IMO 325

ISI: 1

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 2-17, 19 94  
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 2-8-94 to 4-22-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Ruby W. WhiteCommissions Mich #886 (N&I)

National Board, State, Province, Endorsements

Date 4-22-1994

\*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

PAGE 1 of 3

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-29-94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 23  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2  
Name  
One Cook Place, Bridgman, MI 49106 C9989-3, 4" VALVE 2-NRV-164  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-NRV-164	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUDS	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	ASME SA-453 GRADE 660 M&E30047050 ASP#14980	N/A	REPLACE-MENT	NO
STUDS	HARDWARE SPECIALTY CO. & TAXAS BOLT CO.	N/A	N/A	ASME SA-453 GRADE 660 M&E30047040 ASP#9611 & ASP#10508	N/A	REPLACE-MENT	NO
NUTS	CARDINAL INDUSTRIAL PRODUCTS CO.	N/A	N/A	ASME SA-194 GRADE 8F M&E30212140 ASP#16474	N/A	REPLACE-MENT	NO
SEE ADDITIONAL SHEET							

7. Description of Work (See Remarks)

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

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

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



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

PAGE 2 OF 3

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-29-94  
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 C9989-3, 4" VALVE 2-NRV-164  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-NRV-164	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
NUTS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASTM A-194 GRADE 8FA M&E30212142 ASP#15702	<del>19</del> 985	REPLACE-MENT	NO
TRIM ASSY.	COPE'S VULCAN INC.	N/A	N/A	ASTM SA-564 GRADE 660 M&E30036074 ASP#13829	N/A	REPLACE-MENT	NO
BONNET EXTENSION	COPE'S VULCAN INC.	N/A	N/A	ASTM A-351 GR. CF8M ASP#16066	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ VT2  
N/A ☐ Other ☒ VT1 Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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



FORM NIS-2 (Back)

9. Remarks REPLACED BONNET EXTENSION AND TRIM ASSEMBLY DUE TO BONNET TO  
Applicable Manufacturer's Data Reports to be attached

BODY LEAK. ALSO REPLACED STUD AND NUTS. VT 1 EXAM WAS PERFORMED  
FASTENER MATERIAL PRIOR TO INSTALLATION.

Ref. JO: C9989-3

File: 2-NRV-164

ISI: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/8, 1994  
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 7/14/94 to 1-3-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Muterapau Commissions MICH 0055, END N.E.I.  
Inspector's Signature National Board, State, Province, Endorsements

Date JANUARY 3 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-01-94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2  
Name  
One Cook Place, Bridgman, MI 49106 C10100-3 2-IMO-315  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-IMO-315	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
ALL THREAD STUDS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASTM A-453 GRADE 660 M&E30029999 ASP#15076	1986	REPLACE- MENT	NO
NUTS	ITT ENGINEERED VALVES	N/A	N/A	ASME SA-194 GRADE 8F M&E30212090 ASP#11191	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)

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

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED BONNET TO BODY BOLTING MATERIAL PER 12-MM-574.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C10100-3

File: 2-IMO-315

ISI:1

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/28, 1994  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-22-94 to 12-15-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. J. Winterspaul Commissions MICHIGAN, ENCL NIS  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date December 15 19 94



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-08-94  
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 C10178-4 2-NMO-151  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-NMO-151	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
WEDGE	VELAN INC.	N/A	N/A	ASME SA-182 GRADE 316 STELLITE #6 M&E30044145 ASP#5209	N/A	REPLACE- MENT	NO

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

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

## FORM NIS-2 (Back)

9. Remarks REPLACED WEDGE, PRIOR TO INSTALLATION WEDGE WAS MACHINED TO  
Applicable Manufacturer's Data Reports to be attached

ASSURE PROPER FIT.

Ref. JO: C10178-4

File: 2-NMO-151

ISI:1

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994  
 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 10-7-94 to 12-2-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Mustermann Commissions MICHIGAN, ENRNEI  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 2 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-08-92  
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-10596-2, 2-MRV-221, 2" 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 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-221	FISHER CONTROLS INT.					REPAIR	NO
PLUG & STEM ASSY.	FISHER CONTROLS INT.	N/A	N/A	ASTM, A582 TYPE 416 ME30-040005 ASP# 12622	1974	REPLACEMENT	NO

7. Description of Work (See Remarks)

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

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED VALVE INTERNALS WHICH INCLUDES THE PLUG AND STEM  
Applicable Manufacturer's Data Reports to be attached

ASSY. DCCPV702OCN

Ref. JO: C-10596-2

File: 2-MRV-221

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 2-22, 19 94  
AND Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2-17-92 to 4-25-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Ricky W. White  
 Inspector's Signature

Commissions

Mich. # 686 (N+I)  
 National Board, State, Province, Endorsements

Date

4-25- 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-24-92  
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-10644-1, 2-RH-104E, 14" VALVE  
Address Repair Org. P.O. 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 (RHR)
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-RH-104E						REPAIRED	
STUDS	NOVA MACHINE PRODUCTS	N/A	N/A	ASTM-A-453 GR.660 QL5 ASP#12915 ME30-030001	N/A	REPLACE- MENT	NO
NUTS	TEXAS BOLT CO.	N/A	N/A	SA-194-GR8F ME30-046906 ASP#4184	N/A	REPLACE- MENT	NO

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

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

## FORM NIS-2 (Back)

9. Remarks REPLACED CARBON STEEL FASTENERS WITH STAINLESS STEEL FASTENERS  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C-10644-1

File: 2-RH-104E

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pizarsky, Maint. Eng. Supervisor Date 2-22-94, 19 94  
JPO 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 7-30-92 to 4-25-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Ruby W. White  
 Inspector's Signature

Commissions M.C.H. #686 (N&I)  
 National Board, State, Province, Endorsements

Date 4-25- 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-06-92  
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 C10723-6,2-OME-4,PRESSURIZER  
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 PRESSURIZER
5. (a) Applicable Const. Code ASME SECI1119 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-OME-4 PRESSURIZER MANWAY	WESTINGHOUSE	N/A	N/A	EXISTING	1965	REPAIRED	YES
MANWAY COVER BOLTS	WESTINGHOUSE	N/A	N/A	SA-193 GR.B7 M&E30009772 ASP#9590	N/A	REPLACED	NO
MANWAY COVER	WESTINGHOUSE	N/A	N/A	SA-533 GR.A,CL-1	N/A	REPLACED	NO

7. Description of Work (See Remarks)

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

N/A ☐ Other PT/VT-1 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 UNIT #2, REPLACED MANWAY COVER AND BOLTING IN ADDITION TO  
Applicable Manufacturer's Data Reports to be attached

MACHINING OF THE MANWAY GASKET SEATING SURFACE 0.012" AND  
REAPPLIED THE PHONOGRAPHIC FINISH.

Ref. JO:C-10723-6

File: 2-OME-4

ISI: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/4, 1994  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-3-92 to 5-20-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. R. Winters  
Inspector's Signature

Commissions Michigan, ASME, NBT

National Board, State, Province, Endorsements

Date May 20 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08-11-92  
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 C10777-1,2-SI-169-L1,1" 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 RESIDUAL HEAT REMOVAL (RHR)
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-SI-169-L1	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
INBODY SEATING SURFACE	CONVAL INC.	N/A	N/A	STELLITE	N/A	REPAIRED MACHINING	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 WAS RECONDITIONED USING A CONVAL  
Applicable Manufacturer's Data Reports to be attached

MANUAL REFACING TOOL.

Ref. JO:C10777-1

File: 2-SI-169-L1

ISI:1

## 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 2-28, 19 94  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-17-92 to 4-25-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rocky W. White Commissions Mich # 686 (N+I)  
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-25- 19 94

\*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 10-23-94  
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 C11199-3 & 8, 2-MMO-240  
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-MMO-240	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
POPPET	ATWOOD MORRILL	N/A	N/A	SA-515 GRADE 70 M&E23044491	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ VT2  
N/A ☐ Other ☐ PT Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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



## FORM NIS-2 (Back)

9. Remarks THE BODY RING SEAL WELD AND THE POPPET NUT TACK WELD WERE  
Applicable Manufacturer's Data Reports to be attached

REMOVED TO FACILITATE VALVE INSPECTION. THE POPPET WAS REPLACED  
AND THE POPPET NUT WAS TACK WELDED, THE BODY RING SEAL WAS  
REWELDED AND PT EXAM WAS ACCEPTED:

Ref. JO:C11199-3 & 8 File: 2-MMO-240

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 12/20, 1994  
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 3/8/94 to 1-9-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Mich. MASS. ENR NFI  
National Board, State, Province, Endorsements

Date January 9 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 03-08-93  
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-11202-4, 2-RH-109W, 3/4"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 RESIDUAL HEAT REMOVAL (RHR)
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-RH-109W						REPAIRED	
inbody seating surface	Conval Inc.	N/A	N/A	ASTM-A-732 GRADE 21 (STELLITE) ASP# 13403	N/A	REPAIR: machining	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 was reconditioned using a Conval  
Applicable Manufacturer's Data Reports to be attached  
manual refacing tool. The applicable Design/Procurement Spec. to  
for this component: DCCPV8300CN /// Repair done to ASME Sec. III  
Class II, NC-5273 (hardfacing)
- Ref. JO:C 11202-4      File: 2-RH-109W      ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 2-15, 19 94  
WLO 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 4-6-93 to       , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Waters Commissions Mch DOSS, END NIS  
 Inspector's Signature National Board, State, Province, Endorsements

Date 2-16 19 94 \*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-09-92  
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-11366-3, 2-MRV-233, 6"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 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-233	FISHER CONTROLS INT.					REPAIR	NO
PLUG & STEM ASSY.	FISHER CONTROLS INT.	N/A	N/A	SA479 S31603 COCR/-A ME30-040030 ASP#15164		REPLACE- MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED VALVE INTERNALS WHICH INCLUDES THE PLUG AND STEM  
Applicable Manufacturer's Data Reports to be attached

ASSY. DCCPV702OCN

Ref. JO: C-11366-3

File: 2-MRV-233

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 2-17, 19 94  
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 7-8-92 to 4-27-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Ricky A. White Commissions Mich. # 686 (N+I)  
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-27-1994

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-19-92  
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 C11742-1, 2-RH-108W 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 (RHR)
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-RH-108W	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUDS	DUBOSE STEEL INC.	N/A	N/A	ASME SA453 GR.660 CL-B M&E30030000 ASP#11944	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)

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

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED VALVE TO VALVE COVER STUDS  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C11742-1

File:2-RH-108W

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 3/10, 1994  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-18-92 to 4-27-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rocky W. White  
 Inspector's Signature

Commissions Mich. #686(N+I)  
 National Board, State, Province, Endorsements

Date 4-27-1994

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-21-92  
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 C11743-1,2-RH-108E, 8" VALVE  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial. No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-RH-108E		N/A	N/A	N/A	N/A	REPAIRED	NO
STUDS	DUBOSE STEEL INC.	N/A	N/A	SA453 GR660 ME30-030000 ASP#11944	N/A	REPLACE- MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED B8 FASTENERS WITH STAINLESS STEEL STUDS  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C11743-1

File: 2-RH-108E

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 3/17, 19 94  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-21-92 to 4-27-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Rocky W. WhiteCommissions Mich. # 686 (N+I)

National Board, State, Province, Endorsements

Date 4-27-1994

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-28-94  
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 C11872-3, 2-RC-104-L2  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-RC-104-L2	CONVAL INC.	N/A	N/A	SA-182 TYPE F316 M&E30035210 ASP#13491	N/A <i>201-10-95</i>	REPLACE-MENT	NO
2" SCH. 160 FLANGE	ALBERT PIPE SUPPLY	N/A	N/A	SA-182 TYPE F304 M&E30022521 **ASP# SEE REMARKS	N/A <i>1974</i>	REPLACE-MENT	NO
2" SCH. 160 PIPE	RADNOR ALLOYS INC.	N/A	N/A	ASME SA-376 TYPE 304 M&E30019310 ASP#14295	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other ☐ PT Pressure 2520 psi Test Temp. AMBIENT °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 AND FLANGE. PT EXAM WAS  
Applicable Manufacturer's Data Reports to be attached

PERFORMED ON ALL WELDS AN ACCEPTED. HYDRO. EXAM WAS PERFORMED  
AND ACCEPTED. \*\*FLANGE WAS PURCHASED QL-4 AND ISSUED ASP#620.  
PRIOR TO INSTALLATION THE FLANGE WAS UPGRADED TO QL-5 AND  
ISSUED A NEW ASP NUMBER OF 17355,

Ref. JO: C11872-3      File: 2-RC-104-L2      ISI: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 6/28, 1994  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-21-93 to 1-11-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions Michigan, C.N.B. N.P.T.  
 Inspector's Signature National Board, State, Province, Endorsements

Date JANUARY 11 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 6-30-93  
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 J.O. C-12062-11  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKELAND, FL. 33811 Expiration Date 12/31/93  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-L954							
1/8"X 3" FLAT BAR	N/A	N/A	N/A	A570-90 GR45 ASP-14681	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL NEW 1/8"X 3"X 3 1/2" SHIM TO ELIMINATE THE EXCESSIVE LATERAL GAP ON THE EXISTING 4" CS PIPING.

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 INSTALLED NEW 1/8"X 3"X 31/2" SHIM PLATE TO ELIMINATE EXCESSIVE  
Applicable Manufacturer's Data Reports to be attached  
LATERAL GAP BETWEEN THE EXISTING 2 1/2" ANGLE AND THE 4" PIPE.  
SHIM INSTALLATION PER PER MDS-603 REV.5.  
ASME CLASS II / ISI CLASS II J.O. C-12062-11

## 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 C. Van Dyke R. FIELD ENGINEER Date 6/30, 19 93  
 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 7-30-93 to 7-14-93, 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 Minterbaugh Commissions MICHIGAN, END NET  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 14 19 93

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



4370-36

**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 6-29-93  
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 J.O. C-12062-23  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/93  
Address
4. Identification of System SPENT FUEL PIT COOLING  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-GSF-L54							
1/8"X 3" FLAT BAR	N/A	N/A	N/A	A570-90 GR45 ASP-14681	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL NEW 1/8"X 3"X 4"LG. SHIM TO ELIMINATE EXCESSIVE LATERAL GAP ON THE EXISTING 3" SF PIPING.

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.

NIS93-07



## FORM NIS-2 (Back)

9. Remarks INSTALLED NEW 1/8"X 3"X 4"LG. SHIM PLATE TO ELIMINATE EXCES-  
Applicable Manufacturer's Data Reports to be attached  
SIVE LATERAL GAP BETWEEN THE EXISTING 3" ANGLE AND THE 3"PIPE.  
SHIM INSTALLATION PER PER MDS-603 REV.5.  
ASME CLASS II / ISI CLASS II J.O. C-12062-23

## 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 *C. Vandyke* FIELD ENGINEER Date 6/30, 19 93  
 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 3-30-93 to 7-14-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*M. R. McIntosh* Commissions Mich 0055, END NII  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 14 19 93

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



4370-61

- | 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) |
|--------------------------|----------------------|-------------------|----------------|---------------------------|------------|----------------------------------|-------------------------------|
| 2ACTS-R818               |                      |                   |                |                           |            |                                  |                               |
| 1/8 "PLATE<br>3 7/8"X 2" | N/A                  | N/A               | N/A            | A570-90 GR45<br>ASP.14681 | N/A        | REPLACE-<br>MENT                 | NO                            |
|                          |                      |                   |                |                           |            |                                  |                               |
|                          |                      |                   |                |                           |            |                                  |                               |
|                          |                      |                   |                |                           |            |                                  |                               |

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

NIS93-29



## FORM NIS-2 (Back)

9. Remarks INSTALLED NEW 1/8"X 3 7/8"X 2" SHIM PLATE TO REDUCE THE EXIST.  
Applicable Manufacturer's Data Reports to be attached

GAP AND ACHIEVE THE DESIGN CLEARANCE OF 1/8".

ASME CLASS II / ISI CLASS II

J.O. C12062-26

## 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 C. De R. Field Engineer Date 11/16, 19 93  
 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 7-7-93 to       , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. H. Hatterbaugh Commissions Mich 0055, ENCL N&I  
 Inspector's Signature National Board, State, Province, Endorsements

Date November 29 19 93

\*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

4370-44

1. Owner INDIANA MICHIGAN POWER COMPANY Date 6-17-93  
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 J.O. C-12062-28  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/93  
Address
4. Identification of System SAFETY INJECTION SYSTEM
- \* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R1A							
1/8" X 3" FLAT BAR	N/A	N/A	N/A	A570-90 G45 ASP-14681	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL NEW 1/8" SHIM PLATE TO ELIMINATE EXSESSIVE LATERIAL GAP ON THE EXISTING 2 1/2" SI PIPING.

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.

NIS93-04



## FORM NIS-2 (Back)

Remarks INSTALLED NEW 1/8"X 3"X 4"LONG SHIM PLATE TO ELIMINATE EXCES-  
Applicable Manufacturer's Data Reports to be attached

SIVE LATERAL GAP AND TO RETURN SUPPORT 2-GSI-R1A BACK TO ITS

DESIGN INTENT. SHIM INSTALL PER MDS-603 REV.5.

ASME CLASS II / ISI CLASS II J.O. C-12062-28

## 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 C. Vandyke Date 6/17, 19 93  
 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 4-7-93 to 7-15-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. A. Mitternacht Commissions Mich. 0055, ENR NPT  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 15 19 93

\*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 01-08-93  
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-13676-2, 2-MRV-221, 2" VALVE  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-MRV-221	FISHER CONTROLS INT.					REPAIR	NO
PLUG & STEM ASSY.	FISHER CONTROLS INT.	N/A	N/A	ASTM, A582 TYPE 416 ME30-040005 ASP# 12622	1974	REPLACEMENT	NO
SEAT RING	FISHER CONTROLS INT.	N/A	N/A	ASTM-A582 S41600 ME30-040120 ASP#12803	N/A	REPLACEMENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED VALVE INTERNALS WHICH INCLUDES THE PLUG AND STEM  
Applicable Manufacturer's Data Reports to be attached

ASSY, REPLACED RING SEAT DCCPV702OCN

Ref. JO: C-13676

File: 2-MRV-221

ISI:2

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Piskrsky, Maint. Eng. Supervisor Date 2-15, 19 94  
JAD 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 1-4-93 to       , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Waters Commissions Mich 0055, END NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date Feb 16 19 94

\*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 01-29-93  
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-13677-2, 2-MRV-211, 2"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 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	FISHER CONTROLS INT.					REPAIR	NO
PLUG & STEM ASSY.	FISHER CONTROLS INT.	N/A	N/A	ASTM, A582 TYPE 416 ME30-040005 ASP# 12622	1974	REPLACE-MENT	NO
SEAT RING	FISHER CONTROLS INT.	N/A	N/A	ASTM-A582 S41600 ME30-040120 ASP#12803	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED VALVE INTERNALS WHICH INCLUDES THE PLUG AND STEM  
Applicable Manufacturer's Data Reports to be attached

ASSY, REPLACED RING SEAT DCCPV702OCN

Ref. JO: C-13677

File: 2-MRV-211

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 2-15, 19 94  
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 1-4-93 to —, and state that, to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. A. Matuszewska Commissions MICHIGAN END N.E.I.  
 Inspector's Signature National Board, State, Province, Endorsements

Date Feb 16 19 94

\*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 05-12-93  
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 C14079-03,09,10, 2-MRV-223  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-MRV-223	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
PLUG	FISHER CONTROLS	N/A	N/A	SA-479 TYPE 316L	N/A	REPAIRED MACHINING	NO
BONNET GASKET SURFACE	N/A	N/A	N/A	SA-216 GR.WCB	N/A	REPAIRED MACHINING	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ PT\* ☐ 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 VALVE BONNET GASKET SEATING SURFACE WAS BUILT UP BY WELDING AND  
Applicable Manufacturer's Data Reports to be attached

MACHINED TO VENDOR TOLERANCES. THE PLUG WAS STEAM CUT AND ALSO  
MACHINED.

Ref. JO:C14079-03,09,10

FILE:2-MRV-223

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/4, 1994  
 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 5-11-93 to 6-7-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.A. Winterstrand Commissions MICH 0055. END N.E.I.  
 Inspector's Signature National Board, State, Province, Endorsements

Date June 7 1994

\*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 07-10-93  
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 C14079-12,15,16, 2-MRV-223  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-MRV-223	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
PLUG	FISHER CONTROLS	N/A	N/A	SA-479 TYPE 316L ME#30040030 ASP#15164	N/A	REPLACE- MENT	NO
BODY GASKET SURFACE	N/A	N/A	N/A	SA-216 GR.WCB	N/A	REPAIRED MACHINING	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ PT\* ☐ 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 VALVE BODY GASKET SEATING SURFACE WAS BUILT UP BY WELDING AND  
Applicable Manufacturer's Data Reports to be attached

MACHINED TO VENDOR TOLERANCES. THE PLUG WAS ALSO REPLACED.

Ref. JO:C14079-12,15,16

FILE:2-MRV-223

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/2, 19 94  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 6-21-93 to 6-1-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions Mich 0055, EN, IN, II  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 2 19 94



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-15-94  
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 C14196-5, 2-BD-103-4  
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 BLOWDOWN
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-BD-103-4	HENRY VOGT MACHINE CO.	N/A	N/A	ASME SA-105 M&E30044248 ASP#15781	N/A	REPLACE-MENT	NO
2" SCH.80 PIPE	TIOGA PIPE SUOOLY CO.	N/A	N/A	ASME SA-106 GRADE B M&E30014981 ASP#13366	N/A	NO	

7. Description of Work (See Remarks)

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

N/A ☐ Other ☐ MT 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 DEEP SCORING VALVE AND ADJACENT PIPING WERE REPLACED.  
Applicable Manufacturer's Data Reports to be attached

MAGNETIC PARTICLE EXAM OF WELDS WAS PERFORMED AND ACCEPTED.

Ref. JO:C14196-5

File: 2-BD-103-4

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/3, 1994  
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 10-14-94 to 1-3-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Michigan, ENDS, E  
National Board, State, Province, Endorsements

Date January 3 1995

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



4370-63

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/11/93  
Name
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 9  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name
- One Cook Place, Bridgman, MI 49106 J.O. C14331-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
LOG# 92-6 1-CS-751							
3/8"U-BOLT 2"FIG.137	N/A	N/A	N/A	A36 ASP-11875	N/A	REPLACE- MENT	NO
LOG# 92-7 1-CS-750							
3/8"U-BOLT 2"FIG.137	N/A	N/A	N/A	A36 ASP-11875	N/A	REPLACE- MENT	NO
1/4"X 3" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14900	N/A	REPLACE- MENT	NO

7. Description of Work REPAIR CLASS I SMALL BORE PIPE SUPPORTS PER THE FINDING OF THE SMALL BORE PIPE VERIFICATION PROGRAM.
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.

NIS93-34



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/11/93  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 9  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C14331-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
LOG# 92-8 1CS750&751							
3/8"U-BOLT 2"FIG.137	N/A	N/A	N/A	A36 ASP-11875	N/A	REPLACE- MENT	NO
LOG# 92-9 1-CS-750							
3/8"U-BOLT 2"FIG.137	N/A	N/A	N/A	A36 ASP-11875	N/A	REPLACE- MENT	NO
1/4"X 3" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14900	N/A	REPLACE- MENT	NO

7. Description of Work SEE PAGE 1 FOR DESCRIPTION ( THIS PAGE IS FOR  
ADDITIONAL COMPONENTS ONLY ).

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/11/93  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 9  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C14331-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
LOG# 92-10 1CS750&752							
3/8"U-BOLT 2"FIG.137	N/A	N/A	N/A	A36 ASP-11875	N/A	REPLACE- MENT	NO
1/4" X 3" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14900	N/A	REPLACE- MENT	NO
LOG# 92-11 1CS750, 751 & 752							
1/4"X 3" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14900	N/A	REPLACE- MENT	NO

7. Description of Work SEE PAGE 1 FOR DESCRIPTION ( THIS PAGE IS FOR  
ADDITIONAL COMPONENTS ONLY ).

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/11/93  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 4 of 9  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C14331-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
LOG# 92-11 1CS750, 751 & 752							
3/8"U-BOLT 2"FIG.137	N/A	N/A	N/A	A36 ASP-11875	N/A	REPLACE- MENT	NO
LOG# 92-12 1-CS-752							
3/8" NUTS HEAVY HEX	N/A	N/A	N/A	A194 GR2H ASP-15294	N/A	REPLACE- MENT	NO
LOG# 92-13 1-CS-752							

7. Description of Work SEE PAGE 1 FOR DESCRIPTION ( THIS PAGE IS FOR  
ADDITIONAL COMPONENTS ONLY ).

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/11/93  
Name
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 5 of 9  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name
- One Cook Place, Bridgman, MI 49106 J.O. C14331-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKELAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
3/8" NUTS HEAVY HEX	N/A	N/A	N/A	A194 GR2H ASP-15294	N/A	REPLACE-MENT	NO
LOG# 92-14 1-CS-752							
3/8" NUTS HEAVY HEX	N/A	N/A	N/A	A194 GR2H ASP-15294	N/A	REPLACE-MENT	NO
LOG# 92-15 1-CS-749							
3/8" NUTS HEAVY HEX	N/A	N/A	N/A	A194 GR2H ASP-15294	N/A	REPLACE-MENT	NO

7. Description of Work SEE PAGE 1 FOR DESCRIPTION ( THIS PAGE IS FOR ADDITIONAL COMPONENTS ONLY ).
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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/11/93  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 6 of 9  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1 & 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C14331-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
LOG# 92-17 1-CS-750							
3/8" NUTS HEAVY HEX	N/A	N/A	N/A	A194 GR2H ASP-15294	N/A	REPLACE- MENT	NO
LOG# 92-19 2-CS-797							
3/8" NUTS HEAVY HEX	N/A	N/A	N/A	A194 GR2H ASP-15294	N/A	REPLACE- MENT	NO
LOG# 92-20 2-CS-798							

7. Description of Work SEE PAGE 1 FOR DESCRIPTION ( THIS PAGE IS FOR  
ADDITIONAL COMPONENTS ONLY ).

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/11/93  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 7 of 9  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C14331-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
3/8"U-BOLT 2"FIG.137	N/A	N/A	N/A	A36 ASP-11875	N/A	REPLACE- MENT	NO
LOG# 92-21 2-CS-797							
3/8"U-BOLT 2"FIG.137	N/A	N/A	N/A	A36 ASP-11875	N/A	REPLACE- MENT	NO
LOG# 92-22 2-CS-798							
3/8"U-BOLT 2"FIG.137	N/A	N/A	N/A	A36 ASP-11875	N/A	REPLACE- MENT	NO

7. Description of Work SEE PAGE 1 FOR DESCRIPTION ( THIS PAGE IS FOR  
ADDITIONAL COMPONENTS ONLY ).

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/11/93  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 8 of 9  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1 & 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C14331-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case.  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
LOG# 92-26 2-CS-797							
3/8"U-BOLT 2"FIG.137	N/A	N/A	N/A	A36 ASP-11875	N/A	REPLACE- MENT	NO
LOG# 92-33 1CS751&752							
3/8"U-BOLT 2"FIG.137	N/A	N/A	N/A	A36 ASP-11875	N/A	REPLACE- MENT	NO

7. Description of Work SEE PAGE 1 FOR DESCRIPTION ( THIS PAGE IS FOR  
ADDITIONAL COMPONENTS ONLY ).

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 SUPPORTS WERE IDENTIFIED BY USING LOG NUMBERS AND PICTURES TO  
Applicable Manufacturer's Data Reports to be attached
- MARK THE APPROXIMATE LOCATION ON THE APPLICABLE ISO. DRAWING.
- WORK PERFORMED & QC SIGNATURE WAS ENTERED ON CONFIRMATION SHT.
- ASME CLASS I / ISI CLASS II J.O. C14331-01

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed C. Van der Pijl, Field Engineer Date Jan 4, 19 94  
 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 5/4/93 to 1/10/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. M. J. Mutsaers Commissions MICH 0055, EN & NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date Jan. 10 19 94

\*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 03-24-93  
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-14689-1,2-CS-353,1"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 CHEMICAL & VOLUME CONTROL SYSTEM (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-CS-353	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
inbody seating surface	Conval Inc.	N/A	N/A	ASTM-A-732 GRADE 21 (STELLITE)	N/A	REPAIR: machining	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 was reconditioned using a Conval  
Applicable Manufacturer's Data Reports to be attached  
manual refacing tool. The applicable Design/Procurement Spec. to  
for this component: DCCPV8300CN /// Repair done to ASME Sec. III  
Class II, NC-5273 (hardfacing)  
Ref. JO:C14689-1 File: 2-CS-353 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 2-21, 19 94  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3-24-93 to 4-25-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rocky W. White Commissions Mich. # 688 (N.I.)  
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-25- 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-97

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/08/94  
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 J.O. C15292-02  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System SAFETY INJECTION
- \* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-L111A ✓							
3/8" PLATE ✓ 48" X 96"	N/A	N/A	N/A	A36-90 ✓ ASP-16047 X	N/A	REPLACE- MENT	NO
2-ASI-L913 ✓							
1/8" X 1" X FLAT BAR ✓	N/A	N/A	N/A	SA479-T304 ✓ ASP-12890 X	N/A	REPLACE- MENT	NO
2-ASI-L914 X SEE SHT.2							

7. Description of Work MODIFY SUPPORTS FOR UNIT #2 AUX BUILDING SUPPORTS  
PER DESIGN DRAWING & RELEVANT DCDR'S AND PER RFC-3080.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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.

NIS94

5/19



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 10/08/94  
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 J.O. C15292-02  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Authorization No. 0290-V  
Address Expiration Date 12/31/94
4. Identification of System SAFETY INJECTION
- \* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1/8" X 3" X FLAT BAR	N/A	N/A	N/A	A570-92GR45 ASP-16652	N/A	REPLACE- MENT	NO
2-GSI-L109							
1/4" X 6" X FLAT BAR	N/A	N/A	N/A	A36-90 ASP-16147	N/A	REPLACE- MENT	NO

7. Description of Work SEE PAGE 1 FOR DESCRIPTION ( THIS PAGE FOR ADDITIONAL COMPONENTS ONLY )

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other Pressure \_\_\_\_\_ psig 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.

NIS94



## FORM NIS-2 (Back)

9. Remarks SUPPORTS MODIFIED TO MEET THEIR DESIGN BASIS REQUIREMENTS AND  
Applicable Manufacturer's Data Reports to be attached

BRING THEM WITHIN THE FSAR LIMITS. VT-3 INSPECTIONS PERFORMED  
AND FOUND ACCEPTABLE.

ASME CODE CLASS: II / ISI CODE CLASS: II J.O.C15292-02

## 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 [Signature] Field Engineer Date 11/8, 19 94  
 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 5/19/94 to 11/30/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date November 30 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-10-93  
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 C17096-10,2-MRV-223,6"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 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-223 VALVE	FISHER CONTROLS	N/A	N/A	SA-216 GR.WCB ME#30039735 ASP#4990	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ X
- 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 BY WELDING IN NEW VALVE AND PERFORMED A VT-2  
Applicable Manufacturer's Data Reports to be attached

INSERVICE EXAM.

Ref. JO:C17096-10

FILE:2-MRV-223

ISI: 2

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/2, 1994  
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 7-8-93 to 5-31-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 31 19 94

2370-89

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/20/94  
 Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 4  
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
 Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-05  
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
 Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
 Address
4. Identification of System CONTAINMENT SPRAY  
 \* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R500							
5/8" X 8.5" X ANCHOR	N/A	N/A	N/A	HKB II ASP-14398 X	N/A	REPLACE-MENT	NO
1/4" T S X 2" X 2"	N/A	N/A	N/A	A500-90 GRB ASP-14361 X	N/A	REPLACE-MENT	NO
7/8" PLATE 12" X 12" X	N/A	N/A	N/A	A36-89 ✓ ASP-13747 X	N/A	REPLACE-MENT	NO
1/2" X 3" X FLAT BAR	N/A	N/A	N/A	A36-91 ✓ ASP-15946 X	N/A	REPLACE-MENT	NO

7. Description of Work MODIFY UNIT #2 LOWER CONTAINMENT PIPE SUPPORTS PER DESIGN DRAWINGS & RELEVANT DCDR'S AND FOR RFC-3081.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
 N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/20/94  
Name \_\_\_\_\_
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 4  
Address \_\_\_\_\_
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name \_\_\_\_\_
- One Cook Place, Bridgman, MI 49106 J.O. C17441-05  
Address \_\_\_\_\_ Repair Org. P.O. No., Job No., etc \_\_\_\_\_
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name \_\_\_\_\_ Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address \_\_\_\_\_
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed., \_\_\_\_\_ Add. \_\_\_\_\_ Code Case \_\_\_\_\_  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/2" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-15201	N/A	REPLACE-MENT	NO
3/4" PLATE 12" X 12"	N/A	N/A	N/A	A36-89 ASP-13747	N/A	REPLACE-MENT	NO
3/8" X 5" ANCHOR	N/A	N/A	N/A	HKB II ASP-16096	N/A	REPLACE-MENT	NO
1/8" X 3" FLAT BAR	N/A	N/A	N/A	A570-92 GR45 ASP-16652	N/A	REPLACE-MENT	NO
3/8" X 4.25 ANCHOR	N/A	N/A	N/A	HKB II ASP-14398	N/A	REPLACE-MENT	NO
2-GCTS-R505							
3/4" PLATE 12" X 12"	N/A	N/A	N/A	A36-89 ASP-13747	N/A	REPLACE-MENT	NO
5/8" X 10" ANCHORS	N/A	N/A	N/A	HKB II ASP-14398	N/A	REPLACE-MENT	NO
3/8" X 3" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-16013	N/A	REPLACE-MENT	NO
2-GCTS-R520							
1/4" ANGLE 3" X 3"	N/A	N/A	N/A	A36-90 ASP-14944	N/A	REPLACE-MENT	NO
2-GCTS-R535							
3/8" X 2" FIG. 137	N/A	N/A	N/A	GRINNELL ASP-13582	N/A	REPLACE-MENT	NO



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/20/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 4  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-05  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKELAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R540							
1/2" PLATE x 48" X 96"	N/A	N/A	N/A	A36-89 ✓ ASP-13931x	N/A	REPLACE- MENT	NO



## FORM NIS-2 (Back)

9. Remarks SUPPORTS WERE MODIFIED TO MEET THEIR DESIGN BASIS REQUIREMENTS  
Applicable Manufacturer's Data Reports to be attached  
AND TO BRING THEM WITHIN THE FSAR LIMITS. VT-3 INSPECTIONS  
PERFORMED & ACCEPTED. ASME CL.II / ISI CL.II J.O.C17441-05

## 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 C. V. R. F. M. T. ENGINEER Date 11/15, 19 94  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8/12/94 to 12-2-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. H. Muterbaugh Commissions Mich 0055, E. & N. E.  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 8 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-89

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/20/94  
 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 J.O. C17441-05  
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
 Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
 Address
4. Identification of System CONTAINMENT SPRAY  
 \* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,            Add.            Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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- R554 ✓							
1/4" ANGLE 2" X 2" ✕	N/A	N/A	N/A	A36-93A ASP-17202 ✕	N/A	REPLACE- MENT	NO
3/4" PLATE, 12" X 12" ✓	N/A	N/A	N/A	A36-89 ✓ ASP-13747. ✕	N/A	REPLACE- MENT	NO
5/8" BOLT ✓	N/A	N/A	N/A	SA193-B7 ASP-14271 ✕	N/A	REPLACE- MENT	NO
5/8" NUT UNISTRUT ✓	N/A	N/A	N/A	SPRING TYPE ASP-15102 ✓	N/A	REPLACE- MENT	NO

7. Description of Work MODIFY UNIT #2 LOWER CONTAINMENT PIPE SUPPORTS PER DESIGN DRAWINGS & RELEVANT DCDR'S AND FOR RFC-3081.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☒ Other ☐ Pressure            psig 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 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 10/20/94

Box 60 Fort Wayne, IN 46801  
Address

Sheet 2 of 3

Plant D.C. COOK NUCLEAR POWER PLANT  
Name

Unit 2

One Cook Place, Bridgman, MI 49106  
Address

J.O. C17441-05  
Repair Org. P.O. No., Job No., etc

Work Performed by NISCO  
Name  
2830 PARKWAY ST. LAKE LAND, FL. 33811  
Address

Type Code Symbol Stamp V  
Authorization No. 0290-V  
Expiration Date 12/31/94

Identification of System CONTAINMENT SPRAY

AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC

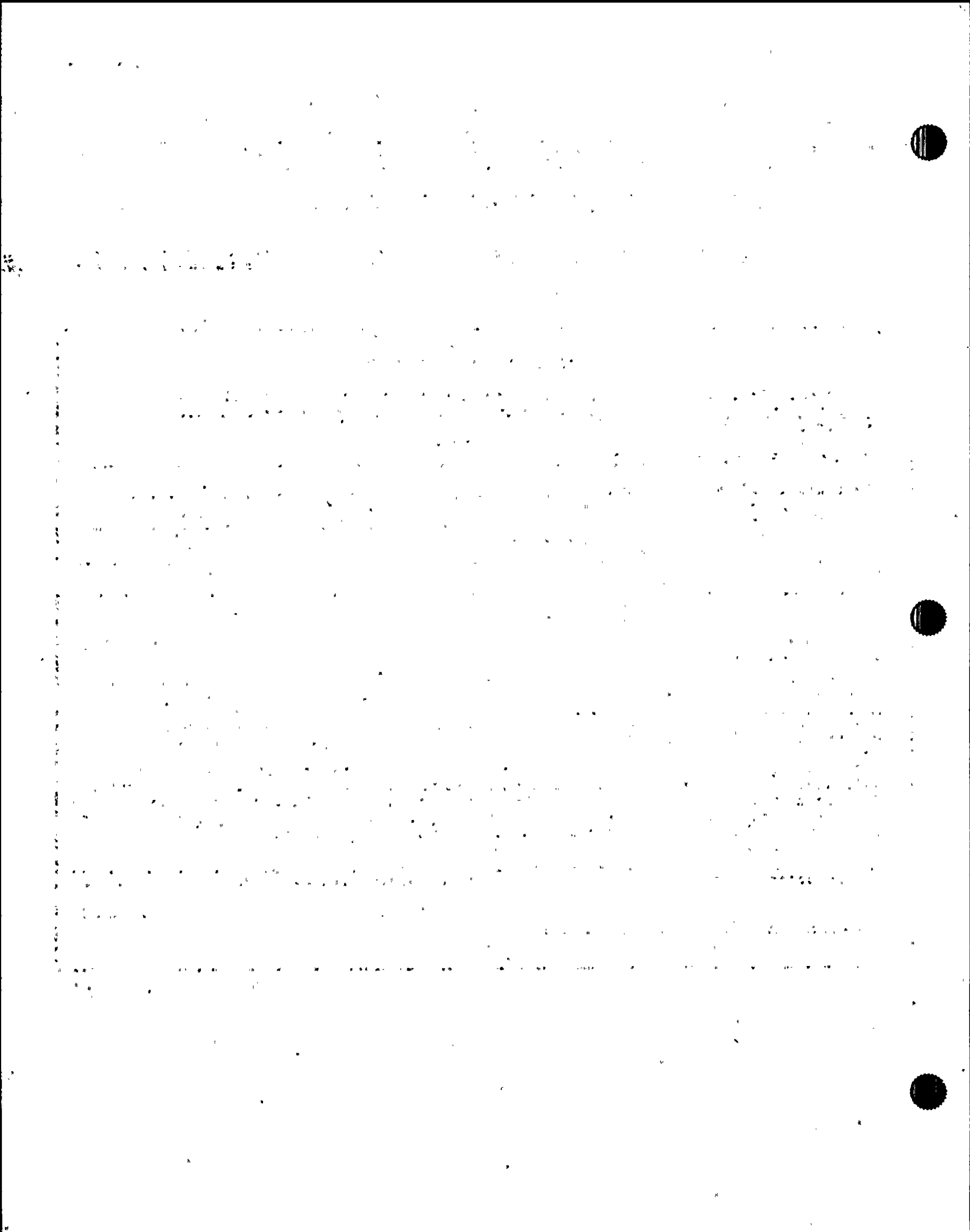
(a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S

983 ADDENDA

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-GCTS-R558							
1/8" X 2" FLAT BAR	N/A	N/A	N/A	A570-90 ASP-14560	N/A	REPLACE-MENT	NO
2-GCTS-R568							
1/4" T S 3" X 3"	N/A	N/A	N/A	A500-GRB ASP-8034	N/A	REPLACE-MENT	NO
1/4" ANGLE 3" X 3"	N/A	N/A	N/A	A36-90 ASP-14944	N/A	REPLACE-MENT	NO
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	A36-93A ASP-17202	N/A	REPLACE-MENT	NO
1/4" PLATE 48" X 96"	N/A	N/A	N/A	A240-89B TYPE 304 ASP-12492	N/A	REPLACE-MENT	NO
2-GCTS-R573							
3/8" ANGLE 3" X 3"	N/A	N/A	N/A	A36-90 ASP-15971	N/A	REPLACE-MENT	NO
2-GCTS-R574							
1/4" T S 3" X 3"	N/A	N/A	N/A	A500-GRB ASP-8034	N/A	REPLACE-MENT	NO
1/4" ANGLE 3" X 4"	N/A	N/A	N/A	A36 ASP-13905	N/A	REPLACE-MENT	NO
1/4" PLATE 48" X 96"	N/A	N/A	N/A	A240-89B TYPE 304 ASP-12492	N/A	REPLACE-MENT	NO
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	A36-93A ASP-17202	N/A	REPLACE-MENT	NO



## FORM NIS-2 (Back)

9. Remarks SUPPORTS WERE MODIFIED TO MEET THEIR DESIGN BASIS REQUIREMENTS  
Applicable Manufacturer's Data Reports to be attached
- AND TO BRING THEM WITHIN THE FSAR LIMITS. VT-3 INSPECTIONS
- PERFORMED & ACCEPTED. ASME CL.II / ISI CL.II J.O.C17441-05

## 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 *[Signature]* Field Engineer Date 11/15, 19 94  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

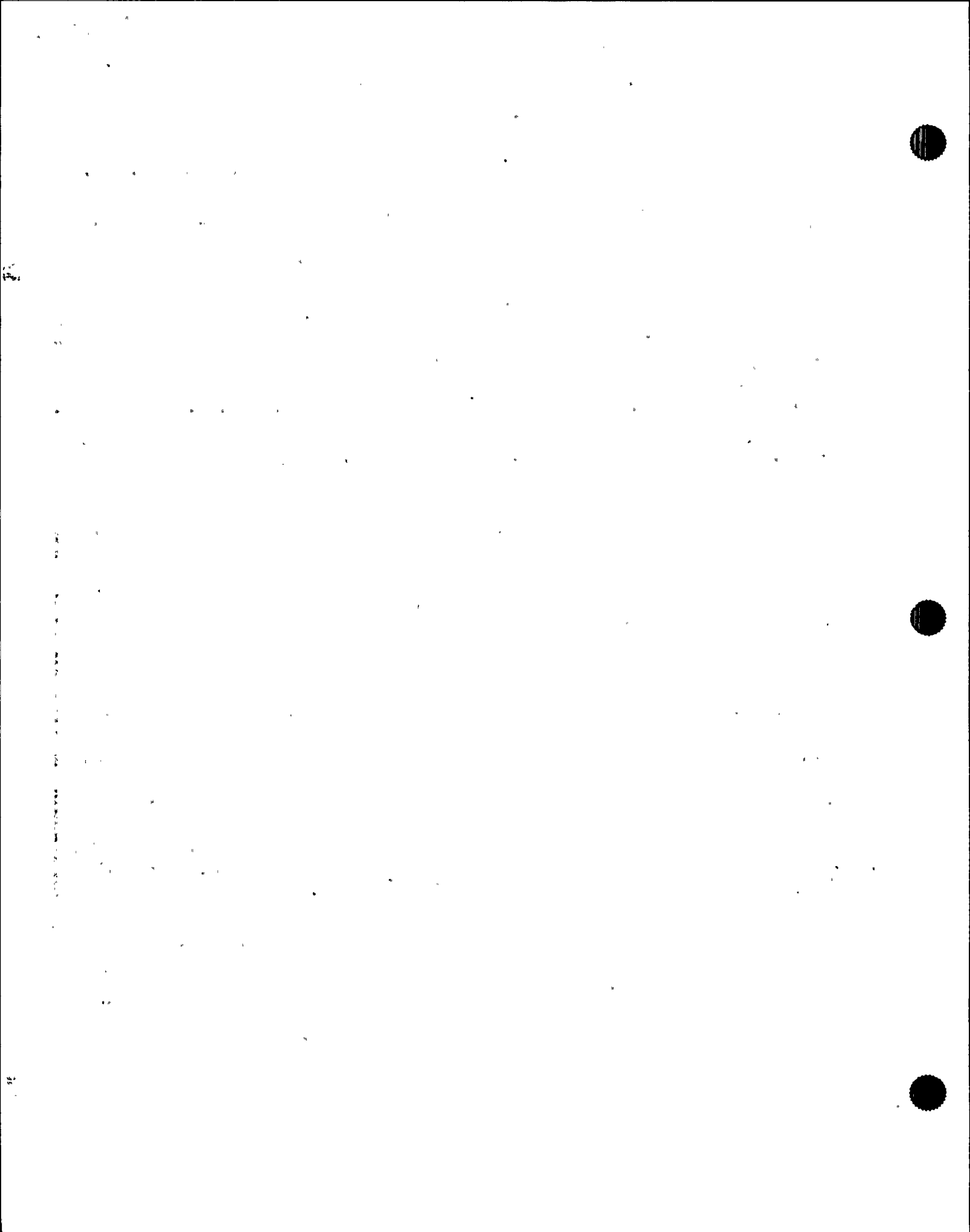
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-12-94 to 12-2-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*[Signature]* Commissions Michigan, ENR NBI  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 8 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-89

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/20/94  
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 J.O. C17441-05  
Address \_\_\_\_\_ Repair Org. P.O. No., Job No., etc \_\_\_\_\_
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name \_\_\_\_\_ Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address \_\_\_\_\_
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC  
(a) Applicable Const. Code \* 19 Ed., \_\_\_\_\_ Add. \_\_\_\_\_ Code Case \_\_\_\_\_  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1, 32 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
<u>-GCTS-R575</u>							
<u>1/4" PLATE</u> <u>13" X 96"</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>A240-89B</u> <u>TYPE 304</u> <u>ASP-12492</u>	<u>N/A</u>	<u>REPLACE-</u> <u>MENT</u>	<u>NO</u>
<u>-GCTS-R530</u> <u>WELD ONLY</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>A36 (SHIM)</u> <u>ASP-EXIST</u>	<u>N/A</u>	<u>REPAIRED</u>	<u>NO</u>
<u>-GCTS-R583</u>							
<u>1/4" PLATE</u> <u>13" X 96"</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>A240-89B</u> <u>TYPE 304</u> <u>ASP-12492</u>	<u>N/A</u>	<u>REPLACE-</u> <u>MENT</u>	<u>NO</u>
<u>-GCTS-R597</u> <u>WELD ONLY</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>A36</u> <u>ASP-EXIST</u>	<u>N/A</u>	<u>REPAIRED</u>	<u>NO</u>

7. Description of Work MODIFY UNIT #2 LOWER CONTAINMENT PIPE SUPPORTS PER DESIGN DRAWINGS & RELEVANT DCDR'S AND FOR RFC-3081.

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

N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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 SUPPORTS WERE MODIFIED TO MEET THEIR DESIGN BASIS REQUIREMENTS  
Applicable Manufacturer's Data Reports to be attached
- AND TO BRING THEM WITHIN THE FSAR LIMITS. VT-3 INSPECTIONS
- PERFORMED & ACCEPTED. ASME CL.II / ISI CL.II J.O.C17441-05

## 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 C. Van R. Field Engineer Date 11/15, 19 94  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-12-94 to 12-2-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MAR 7 1995 Commissions Mich 0033, Exp'd N/A  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 8 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

2370-89

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/20/94  
 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 J.O. C17441-05  
 Address \_\_\_\_\_ Repair Org. P.O. No., Job No., etc \_\_\_\_\_
3. Work Performed by NISCO Type Code Symbol Stamp V  
 Name \_\_\_\_\_ Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
 Address \_\_\_\_\_
4. Identification of System CONTAINMENT SPRAY
- \* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed., \_\_\_\_\_ Add. \_\_\_\_\_ Code Case \_\_\_\_\_  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R693 ✓							
3/8" X 2" FLAT BAR ✕	N/A	N/A	N/A	A36-91 ✓ ASP-15946 ✕	N/A	REPLACE-MENT	NO
2-GCTS-R697 ✓							
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	A36-93A ✓ ASP-17202 ✕	N/A	REPLACE-MENT	NO
3/4" PLATE 12" X 12" ✓	N/A	N/A	N/A	A36-89 ✓ ASP-13747 ✕	N/A	REPLACE-MWNT	NO
2-GCTS-V724 ✓ WELD ONLY	N/A	N/A	N/A	A36 ASP-EXIST	N/A	REPAIRED	NO

7. Description of Work MODIFY UNIT #2 LOWER CONTAINMENT PIPE SUPPORTS PER DESIGN DRAWINGS & RELEVANT DCDR'S AND FOR RFC-3081.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/20/94  
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 J.O. C17441-05  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R713 ✓							
1/2" PLATE ✓ 48" X 96"	N/A	N/A	N/A	A36-89 ✓ ASP-13931 ✓	N/A	REPLACE- MENT	NO



## FORM NIS-2 (Back)

9. Remarks SUPPORTS WERE MODIFIED TO MEET THEIR DESIGN BASIS REQUIREMENTS  
Applicable Manufacturer's Data Reports to be attached  
AND TO BRING THEM WITHIN THE FSAR LIMITS. VT-3 INSPECTIONS  
PERFORMED & ACCEPTED. ASME CL.II / ISI CL.II J.O.C17441-05

## 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 *C. DePina* FIELD ENGINEER Date 11/15, 19 94  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-12-94 to 12-8-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*W. R. Hutchinson* Commissions Michigan, ENR NSE  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 8 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-63

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 5  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKELAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R689							NO
1/2" HVY HEX NUT ✓	N/A	N/A	N/A	A194(88A) GRADE 2H X ASP-13381	N/A	REPLACE-MENT	NO
1/2" X 4" ✓ U-BOLT STD	N/A	N/A	N/A	FIG 137 X ASP-7929	N/A	REPLACE-MENT	NO
2-GCTS-R691							
1/2" HVY ✓ HEX NUT	N/A	N/A	N/A	A194(88A) GRADE 2H X ASP-13381.	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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.

NIS94-77



2370-63

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 5  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Authorization No. 0290-V  
Address Expiration Date 12/31/94
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/2" X 4" ✓ STD U-BOLT	N/A	N/A	N/A	FIG 137 ✓ ASP-7929	N/A	REPLACE- MENT	NO
2-GCTS- R708							
1/2" PLATE ✓ STAINLESS	N/A	N/A	N/A	A240(91A) ✓ GRADE 304 ASP-15677	N/A	REPLACE- MENT	NO
1/2" PLATE ✓	N/A	N/A	N/A	A36-90 ✓ ASP-15485	N/A	REPLACE- MENT	NO
3/8" ANGLE ✓ 2 1/2" LEG	N/A	N/A	N/A	SA36-A89 ✓ ASP-14325	N/A	REPLACE- MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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.

NIS94-77A



2370-63

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 5  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKELAND, FL. 33811 Expiration Date 12/31/94  
Address

4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R704							
2"X2"X3/8"√ ANGLE	N/A	N/A	N/A	A36-88C X ASP-11779	N/A	REPLACE- MENT	NO
2-GCTS-R710							
2"X2"X3/8"√ ANGLE	N/A	N/A	N/A	A36-88C X ASP-11779	N/A	REPLACE- MENT	NO
2-GCTS-R721							

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

N/A ☒ Other ☐ Pressure  psig 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.

NIS94-77B



2370-63

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 4 of 5  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
3/8" ANGLE 3" X 3" ✓	N/A	N/A	N/A	A36-90 ASP-15971 ✕	N/A	REPLACE- MENT	NO
3/8" ANGLE 2 1/2" LEG ✓	N/A	N/A	N/A	SA36-A89 ASP-14325 ✕	N/A	REPLACE- MENT	NO
3/4" PLATE ✓	N/A	N/A	N/A	A36-90 ASP-14793 ✕	N/A	REPLACE- MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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.

NIS94-77C



## FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

ASME CLASS II / ISI CLASS II

J.O. C17441-01

## CERTIFICATE OF COMPLIANCE

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

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

Signed C. J. [Signature] FIELD ENGINEER Date 7/1, 19 94  
 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 4-11-94 to 7-5-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date July 5 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-64

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 7  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKELAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R668							
3/8" ANGLE 3" X 3" ✓	N/A	N/A	N/A	A36-90 ASP-15971 ✕	N/A	REPLACE- MENT	NO
3/8" ANGLE 2 1/2" LEG ✓	N/A	N/A	N/A	SA36-A89 ASP-14325 ✕	N/A	REPLACE- MENT	NO
1/2" PLATE ✓	N/A	N/A	N/A	A36-90 ASP-15309 ✕	N/A	REPLACE- MENT	NO
7/8" PLATE	N/A	N/A	N/A	A36-90 ASP-15171 ✕	N/A	REPLACE- MENT	NO

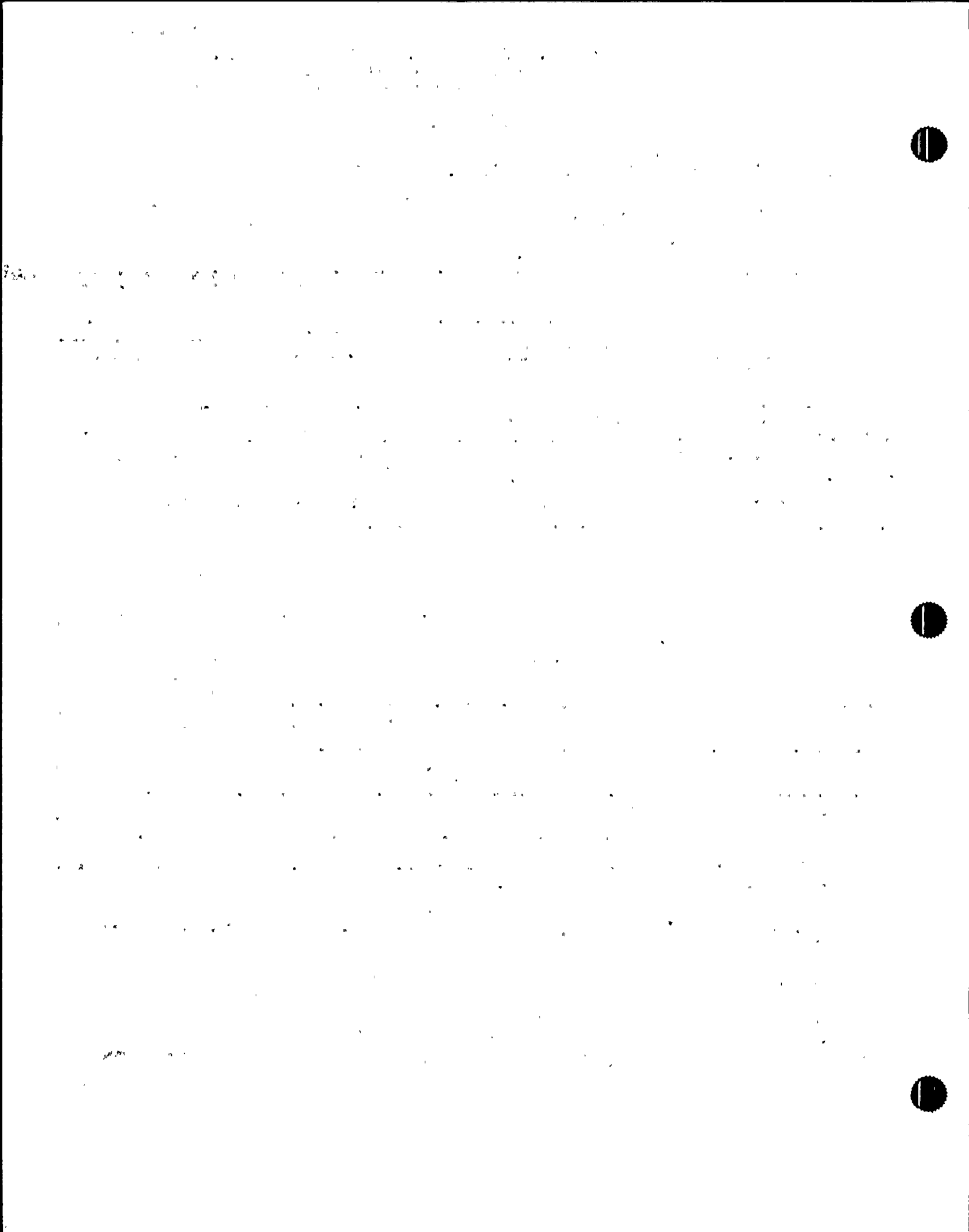
7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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.

NIS94-76



2370-64

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 7  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,                      Add.                      Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R669							
3/8" PLATE ✓	N/A	N/A	N/A	A36-89 ASP-13747 ✕	N/A	REPLACE-MENT	NO ✓
5/8"X 6" U-BOLT STD ✓	N/A	N/A	N/A	FIG 137N ASP-16503 ✕	N/A	REPLACE-MENT	NO
5/8" HVY HEX NUT ✓	N/A	N/A	N/A	A194 GR 2H ✕ ASP-15215	N/A	REPLACE-MENT	NO
2-GCTS-R671							

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

N/A ☒ Other ☐ Pressure                      psig Test Temp.                      °F

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NIS94-76A



2370-64

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

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Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 7  
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Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKELAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY
- \* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
3/8" PLATE /	N/A	N/A	N/A	A36-90 X ASP-16047	N/A	REPLACE- MENT	NO
1/2" ANGLE / 4" X 4"	N/A	N/A	N/A	A36-89 X ASP-13931	N/A	REPLACE- MENT	NO
1/2" PLATE /	N/A	N/A	N/A	A36-90 X ASP-14793	N/A	REPLACE- MENT	NO
1/2" PLATE /	N/A	N/A	N/A	A36-90 X ASP-15309	N/A	REPLACE- MENT	NO
1/2" PLATE /	N/A	N/A	N/A	A36-89 X ASP-15650	N/A	REPLACE- MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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.

NIS94-76



2370-64

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 4 of 7  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKELAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R673							
5/8" HVY / HEX NUT	N/A	N/A	N/A	A194 GR 2H <sub>x</sub> ASP-15215	N/A	REPLACE-MENT	NO
5/8" X 6" ✓ STD U-BOLT	N/A	N/A	N/A	FIG 137N X ASP-16503	N/A	REPLACE-MENT	NO
2-GCTS-R675							
3/8" PLATE J	N/A	N/A	N/A	A36-90 X ASP-16047	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

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NIS94-76C



2370-64

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 5 of 7  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Authorization No. 0290-V  
Address Expiration Date 12/31/94

4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/2" ANGLE ✓ 4" X 4"	N/A	N/A	N/A	A36-89 ✓ ASP-13931	N/A	REPLACE- MENT	NO
10GA. SHEET ✓ METAL	N/A	N/A	N/A	A570-90 ✗ GRADE 45 ASP-14422	N/A	REPLACE- MENT	NO
1/2" PLATE ✓	N/A	N/A	N/A	A36-89 ✗ ASP-15650	N/A	REPLACE- MENT	NO
1/2" PLATE ✓	N/A	N/A	N/A	A36-89 ✗ ASP-12781	N/A	REPLACE- MENT	NO
1/4" PLATE ✓	N/A	N/A	N/A	A36-89 ✗ ASP-13747	N/A	REPLACE- MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

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NIS94-76D



2370-64

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 6 of 7  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
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Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKELAND, FL. 33811 Expiration Date 12/31/94  
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4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,            Add.            Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R677							
5/8" HVY <input checked="" type="checkbox"/> HEX NUT	N/A	N/A	N/A	A194 GR 2H <input checked="" type="checkbox"/> ASP-15215	N/A	REPLACE-MENT	NO
5/8" X 6" <input checked="" type="checkbox"/> STD U-BOLT	N/A	N/A	N/A	FIG 137N <input checked="" type="checkbox"/> ASP-16503	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

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NIS94-76E



## FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

ASME CLASS II / ISI CLASS II

J.O. C17441-01

## CERTIFICATE OF COMPLIANCE

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

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

Signed C. J. [Signature] Date 7/1, 19 94  
Owner or Owner's Designee, Title FIRM ENGINEER

## CERTIFICATE OF INSERVICE INSPECTION

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 7-11-94 to 7-5-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions Mich 0055, ENI N&I  
Inspector's Signature National Board, State, Province, Endorsements

Date July 5 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-65

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
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1. Owner INDIANA MICHIGAN POWER COMPANY Date 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 5  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Authorization No. 0290-V  
Address Expiration Date 12/31/94
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,            Add.            Code Case  
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1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

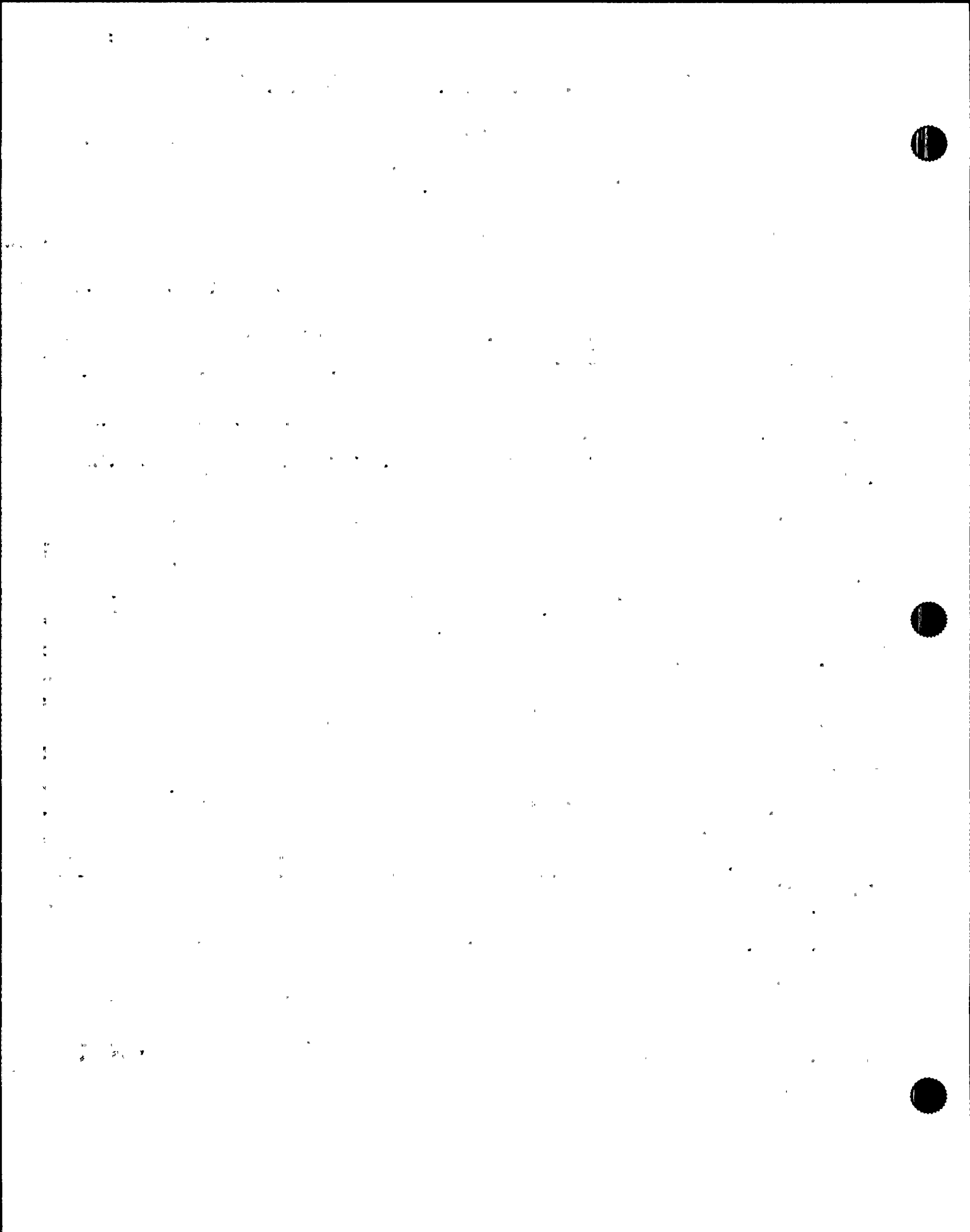
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCTS-R646							
3"X3"X3/8" / ANGLE	N/A	N/A	N/A	A36-90 ASP-15971 X	N/A	REPLACE-MENT	NO
1/2" PLATE ✓	N/A	N/A	N/A	A36-89 ASP-15650 X	N/A	REPLACE-MENT	NO
2-GCTS-R647							
5/8" HVY HEX NUTS ✓	N/A	N/A	N/A	A194 GR 2H ASP-15215 X	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

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NIS94-74



2370-65

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 5  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

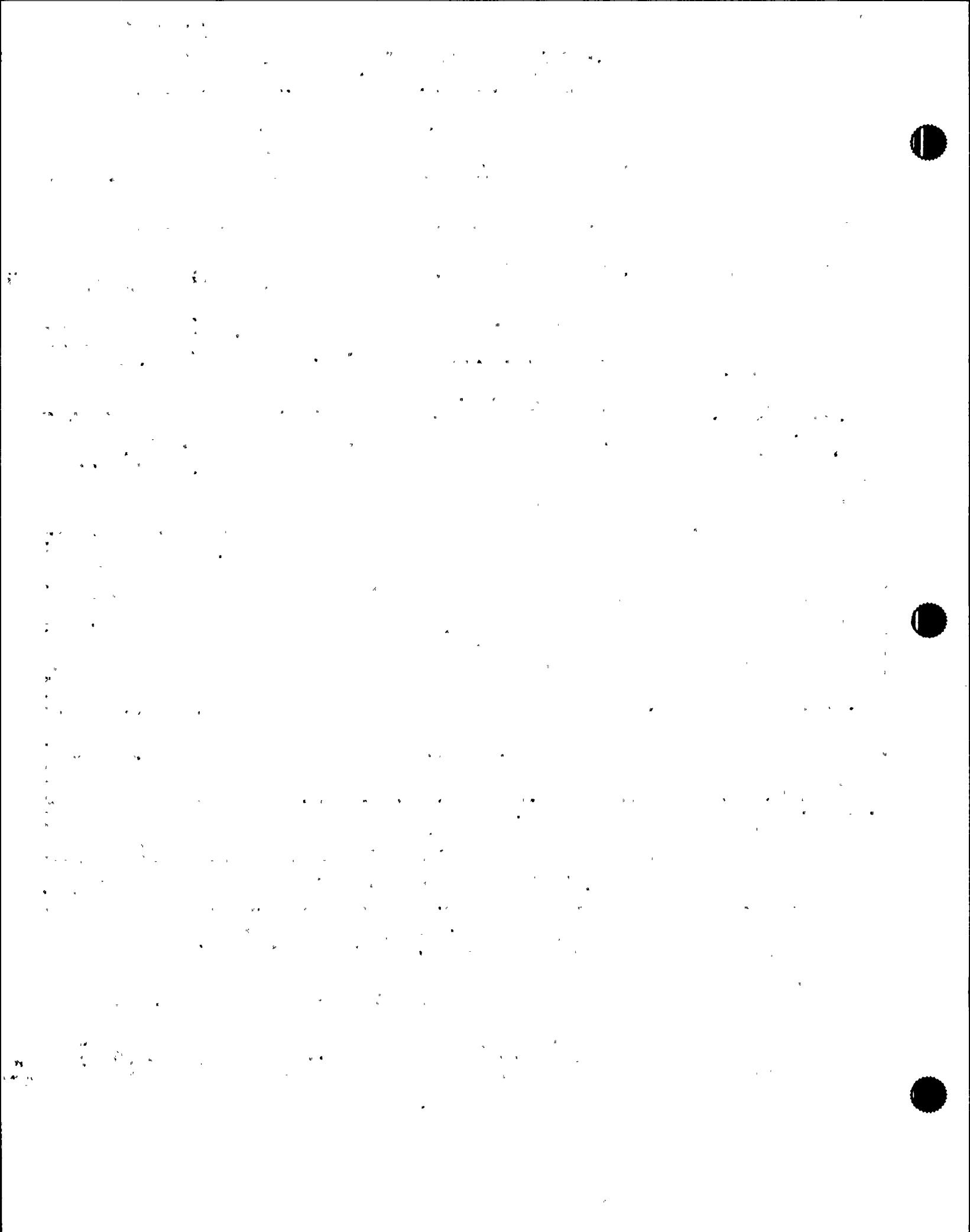
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
5/8" X 6" / U-BOLT	N/A	N/A	N/A	FIG 137N ASP-16503 X	N/A	REPLACE-MENT	NO
2-GCTS-R649							
3/8" PLATE /	N/A	N/A	N/A	A36-90 X ASP-16047	N/A	REPLACE-MENT	NO
5/8" HVY / HEX NUT	N/A	N/A	N/A	A194 GR 2H X ASP-15215	N/A	REPLACE-MENT	NO
5/8" X 6" / U-BOLT	N/A	N/A	N/A	FIG 137N X ASP-16503	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

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NIS94-74A



2370-65

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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-R651							
C4 X 5.4 CHANNEL ✓	N/A	N/A	N/A	SA36-89 ASP-14434 ✕	N/A	REPLACE-MENT	NO
2-GCTS-R655							
3"X3"X1/4" TUBE STEEL ✓	N/A	N/A	N/A	A500-90 GR.B ASP-14481 ✕	N/A	REPLACE-MENT	NO
3"X4"X1/4" TUBE STEEL ✓	N/A	N/A	N/A	A500-90 GRADE B ASP-16756 ✕	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

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NIS94-74B



2370-65

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
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Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 4 of 5  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKELAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
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1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/2" PLATE /	N/A	N/A	N/A	A36-89 X ASP-15309	N/A	REPLACE- MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

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NIS94-74C



## 9. Remarks

**Applicable Manufacturer's Data Reports to be attached**

**ASME CLASS II / ISI CLASS II**

J.O. C17441-01

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 C. Van R. Fink Engineer Date 7/1, 1990  
Owner or Owner's Designee, Title

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-11-94 to 7-5-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date July 5 1994

\*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 POWER COMPANY Date 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address  
Sheet 1 of 6

2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106  
Address  
J.O. C17441-01  
Repair Org. P.O. No., Job No., etc

3. Work Performed by NISCO Type Code Symbol Stamp V  
Name  
2830 PARKWAY ST. LAKELAND, FL. 33811  
Address  
Authorization No. 0290-V  
Expiration Date 12/31/94

4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC

5. (a) Applicable Const. Code \* 19 Ed., \_\_\_\_\_ Add. \_\_\_\_\_ Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R679							
3/8" PLATE ✓	N/A	N/A	N/A	A36-90 ASP-16047 ✗	N/A	REPLACE-MENT	NO
1/2" ANGLE 4" X 4" ✓	N/A	N/A	N/A	A36-89 ASP-13931 ✗	N/A	REPLACE-MENT	NO
1/2" PLATE ✓	N/A	N/A	N/A	A36-89 ASP-15309 ✗	N/A	REPLACE-MENT	NO
1/2" PLATE ✓	N/A	N/A	N/A	A36-89 ASP-15650 ✗	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER  
RFC-3081.

8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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.

**NIS94-78**



2370-66

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 6  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address

4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,                      Add.                      Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R681							
1/2" HVY HEX NUT ✓	N/A	N/A	N/A	A194 (88A) GRADE 2H ASP-13381 ✕	N/A	REPLACE-MENT	NO
1/2" X 4" STD U-BOLT	N/A	N/A	N/A	FIG 137 ASP-7929 ✕	N/A	REPLACE-MENT	NO
3/8" PLATE ✓	N/A	N/A	N/A	A36-89 ASP-13747 ✕	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

NIS94-78A



2370-66

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 6  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R682							
3/8" ANGLE 3" X 3" ✓	N/A	N/A	N/A	A36-90 ASP-15971 ✕	N/A	REPLACE- MENT	NO
3/8" ANGLE ✓ 2 1/2" LEG	N/A	N/A	N/A	SA36-A89 ASP-14325 ✕	N/A	REPLACE- MENT	NO
2-GCTS-R685							
1/2" HVY HEX NUT ✓	N/A	N/A	N/A	A194(88A) GRADE 2H ✕ ASP-13381	N/A	REPLACE- MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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.

NIS94-78B



2370-66

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 4 of 6  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

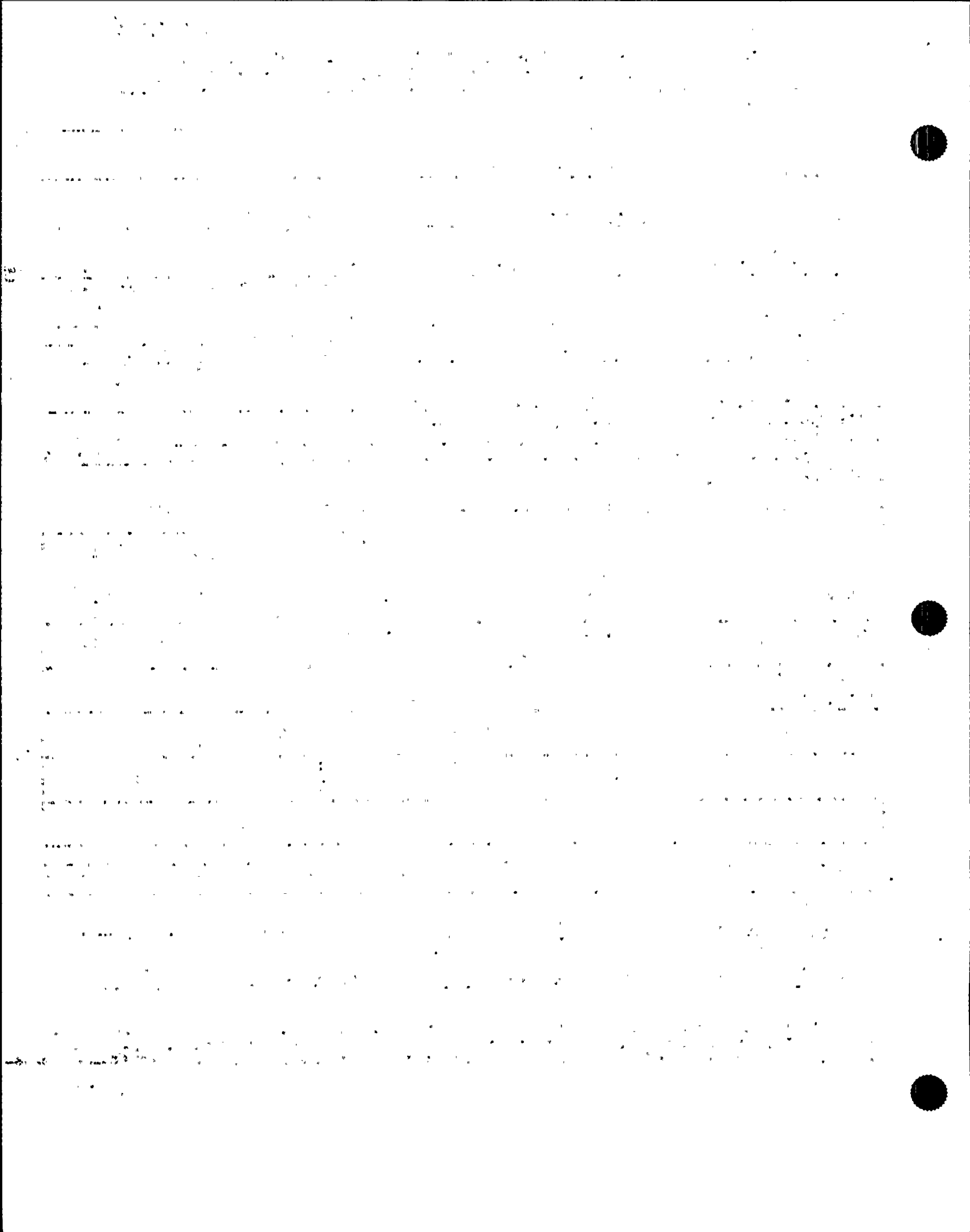
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/2" X 4" ✓ STD U-BOLT	N/A	N/A	N/A	FIG 137 ASP-7929 X	N/A	REPLACE- MENT	NO
2-GCTS- R687							
1/2" HEX HEX NUT ✓	N/A	N/A	N/A	A194(88A) GRADE 2H X ASP-13381	N/A	REPLACE- MENT	NO
1/2" X 4" ✓ STD U-BOLT	N/A	N/A	N/A	FIG 137 ASP-7929 X	N/A	REPLACE- MENT	NO
2-GCTS- R688							

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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.

NIS94-78C



2370-66

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 5 of 6  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,            Add.            Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 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)
3/8" ANGLE ✓ 3" X 3"	N/A	N/A	N/A	A36-90 ✓ ASP-15971	N/A	REPLACE- MENT	NO
3/8" ANGLE ✓ 2 1/2" LEG	N/A	N/A	N/A	SA36-A89 ✓ ASP-14325	N/A	REPLACE- MENT	NO
1/2" PLATE ✓	N/A	N/A	N/A	A36-90 ✓ ASP-14793	N/A	REPLACE- MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

NIS94-78D



## FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

ASME CLASS II / ISI CLASS II

J.O. C17441-01

## CERTIFICATE OF COMPLIANCE

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

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

Signed C. W. R. Field Engineer Date 6/27, 19 94  
 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 4-11-94 to 7-5-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. R. M. Thompson Commissions Mich 0055, ENR NIT  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 5, 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-67

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 5  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Authorization No. 0290-V  
Address Expiration Date 12/31/94
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

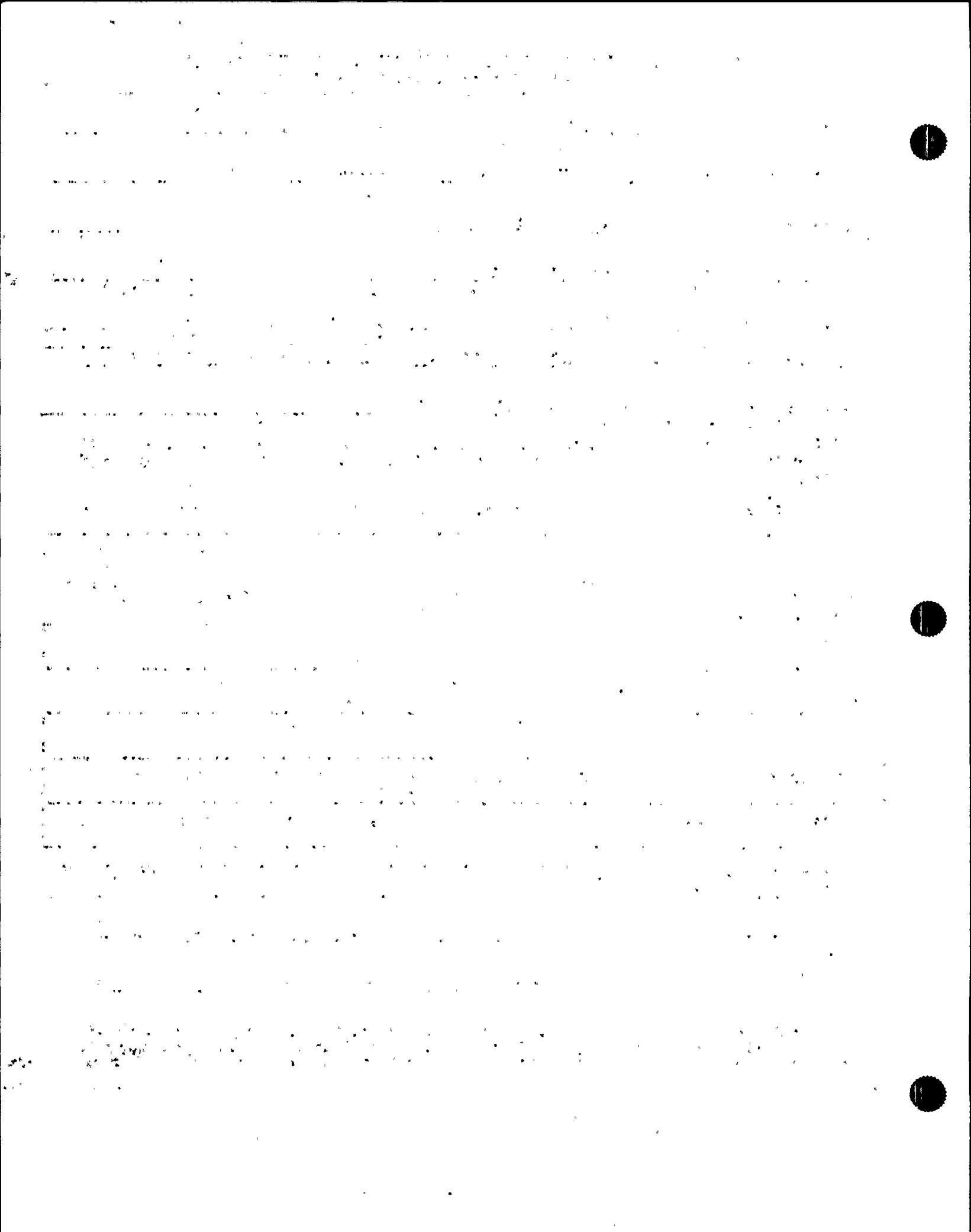
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCTS-R629 ✓						REPAIRED	NO
2-GCTS-R630							
4"X4"X1/2" ✓ ANGLE	N/A	N/A	N/A	A36-90 ASP-14208 ✓	N/A	REPLACE- MENT	NO
2-GCTS-R633							
1/8" FLAT ✓ BAR	N/A	N/A	N/A	A570-91 GRADE 45 ASP-15946 ✓	N/A	REPLACE- MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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.

NIS94-73



**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address  
Sheet 2 of 5
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106  
Address  
J.O. C17441-01  
Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name  
2830 PARKWAY ST. LAKELAND, FL. 33811  
Address  
Authorization No. 0290-V  
Expiration Date 12/31/94
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
3/8" PLATE ✓	N/A	N/A	N/A	A36-89 ASP-13747 ✓	N/A	REPLACE-MENT	NO
1/4" FLAT BAR ✓	N/A	N/A	N/A	A36-91 ASP-16312 ✓	N/A	REPLACE-MENT	NO
2-GCTS-R637							
3/8" PLATE ✓	N/A	N/A	N/A	A36-89 ASP-13747 ✗	N/A	REPLACE-MENT	NO
1/4" FLAT BAR ✓	N/A	N/A	N/A	SA36-A89 ASP-13809 ✗	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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.

**NIS94-73A**



2370-67

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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 5  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Authorization No. 0290-V  
Address Expiration Date 12/31/94
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,            Add.            Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/8" FLAT ✓ BAR	N/A	N/A	N/A	A570-91 GR45 ASP-15946 ✓	N/A	REPLACE- MENT	NO
2-GCTS- R641							
5/8" HVY HEX NUT ✓	N/A	N/A	N/A	A194 GR 2H ASP-15215 ✕	N/A	REPLACE- MENT	NO
5/8" STD. ✓ U-BOLT	N/A	N/A	N/A	FIG 137N ASP-16503 ✕	N/A	REPLACE- MENT	NO
2-GCTS- R643							

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

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

N/A ☒ Other ☐ Pressure            psig 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.

NIS94-73B



2370-67

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 4 of 5  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKELAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
5/8" HVY / HEX NUT	N/A	N/A	N/A	A194 GR. 2H ASP-15215✓	N/A	REPLACE- MENT	NO
5/8" X ✓ U-BOLT STD	N/A	N/A	N/A	FIG 137N ASP-16503 ✓	N/A	REPLACE- MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure \_\_\_\_\_ psig 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.

NIS94-73C



## FORM NIS-2 (Back)

9. Remarks HANGER #2-GCTS-R629 HAD WELD REPAIR DONE ONLY  
Applicable Manufacturer's Data Reports to be attached

ASME CLASS II / ISI CLASS IIJ.O. C17441-01

## CERTIFICATE OF COMPLIANCE

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

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

Signed C. Van R. FIELD ENGINEER Date 6/24, 19 94  
 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 5-4-94 to 7-5-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. R. Minter Commissions MICHIGAN, ENR N.Y.T.  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date July 5 19 94



2370-68

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 6  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R657							
5/8" HVY <input checked="" type="checkbox"/> HEX NUT	N/A	N/A	N/A	A194 GR 2H ASP-16503 <input checked="" type="checkbox"/>	N/A	REPLACE-MENT	NO
1/2" PLATE <input checked="" type="checkbox"/> STAINLESS	N/A	N/A	N/A	A240 (91A) GRADE 304 ASP-15677 <input checked="" type="checkbox"/>	N/A	REPLACE-MENT	NO
5/8" X 6" <input checked="" type="checkbox"/> U-BOLT	N/A	N/A	N/A	FIG 137N <input checked="" type="checkbox"/> ASP-16503	N/A	REPLACE-MENT	NO
2-GCTS-R659							

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other ☐ Pressure  psig 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.

NIS94-75



2370-68

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 6  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Authorization No. 0290-V  
Address Expiration Date 12/31/94
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
3"X3"X1/4" / TUBE STEEL	N/A	N/A	N/A	A500-90 GR.B ASP-14481 X	N/A	REPLACE-MENT	NO
3"X4"X1/4" / TUBE STEEL	N/A	N/A	N/A	A500-90 GR.B ASP-16756 X	N/A	REPLACE-MENT	NO
3/8" PLATE /	N/A	N/A	N/A	A36-90 ASP-16047 X	N/A	REPLACE-MENT	NO
2-GCTS-R661							
5/8" HVY / HEX NUT	N/A	N/A	N/A	A194 GR 2H ASP-15215 X	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other ☐ Pressure \_\_\_\_\_ psig 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.

NIS94-75A



**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 6  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/2" PLATE STAINLESS ✓	N/A	N/A	N/A	A240 (91A) GRADE 304 ✓ ASP-15677	N/A	REPLACE-MENT	NO
5/8" X 6" / U-BOLT ✓	N/A	N/A	N/A	FIG 137N X ASP-16503	N/A	REPLACE-MENT	NO
2-GCTS-R663							
3"X3"X1/4" / TUBE STEEL ✓	N/A	N/A	N/A	A500-90 GR.B ASP-14481 ✓	N/A	REPLACE-MENT	NO
4"X3"X1/4" / TUBE STEEL ✓	N/A	N/A	N/A	A500-90 GRADE B ASP-16756 ✓	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other ☐ Pressure \_\_\_\_\_ psig 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.



2370-68

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 4 of 6  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name  
2830 PARKWAY ST. LAKELAND, FL. 33811 Authorization No. 0290-V  
Address Expiration Date 12/31/94
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

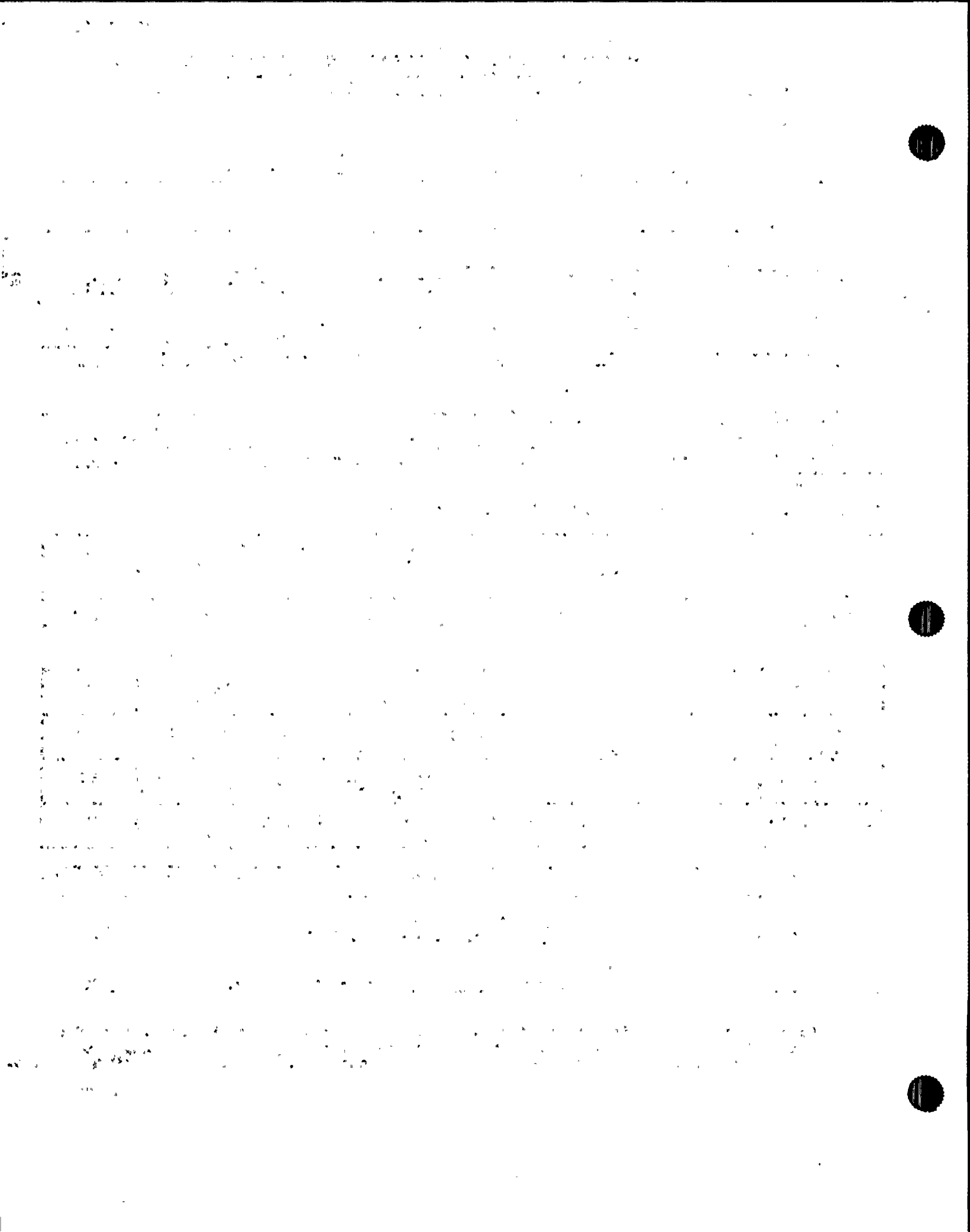
Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
3/8" PLATE J	N/A	N/A	N/A	A36-90 X ASP-16047	N/A	REPLACE- MENT	NO
1/2" PLATE J	N/A	N/A	N/A	A36-89 X ASP-12781	N/A	REPLACE- MENT	NO
2-GCTS-R665							
5/8" HVY J HEX NUT	N/A	N/A	N/A	A194 GR 2H X ASP-15215	N/A	REPLACE- MENT	NO
5/8" X 6" J U-BOLT	N/A	N/A	N/A	FIG 137N X ASP-16503	N/A	REPLACE- MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other ☐ Pressure \_\_\_\_\_ psig 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.

NIS94-75C



2370-68

**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 05/26/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 5 of 6  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C17441-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Authorization No. 0290-V  
Address Expiration Date 12/31/94
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R667							
3/8" PLATE ✓	N/A	N/A	N/A	A36-90 ASP-16047 ✓	N/A	REPLACE-MENT	NO
1/2" ANGLE / 4" X 4" ✓	N/A	N/A	N/A	A36-89 ASP-13931 ✓	N/A	REPLACE-MENT	NO
1/2" PLATE ✓	N/A	N/A	N/A	A36-89 ASP-15650 ×	N/A	REPLACE-MENT	NO
1/4" PLATE ✓	N/A	N/A	N/A	A36-89 ASP-13747 ×	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL U#2 UPPER VOLUME RING HEADER SUPPORTS PER RFC-3081.

8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other ☐ Pressure \_\_\_\_\_ psig 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.

NIS94-75

**FORM NIS-2 (Back)**

## 9. Remarks

**Applicable Manufacturer's Data Reports to be attached**

ASME CLASS II / ISI CLASS II

J.O. C17441-01

# CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. J. F. FINE ENGINEER Date 7/1, 1984  
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                      to                     , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\_\_\_\_\_  
 Inspector's Signature      Commissions  
 National Board, State, Province, Endorsements

Date \_\_\_\_\_ 19\_\_\_\_

**\*FACTORY MUTUAL ENGINEERING ASSOCIATION**



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-20-93  
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 C17454-1,2-GSI-L-70 SUPPORT  
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 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-GSI-L-70	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
SHIM PLATE	DUBOSE STEEL INC.	N/A	N/A	ASTM A-36 M&E30153201 ASP#13127	1989	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 INSTALLED A 3" X 5" X 3/16" SHIM TO REDUCE EXCESSIVE GAP  
Applicable Manufacturer's Data Reports to be attached

BETWEEN THE WEST LUG AND ADJACENT 4" X 13" BEAM

Ref. JO:C-17454-1

File: 2-GSI-L-70

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 2-21, 19 94  
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 1-8-93 to 4-25-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Ricky W. White Commissions Mich. # 686 (N+I)  
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-25-1994

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-27-94  
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 C17829-4, 2-CS-328-L4  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-CS-328-L4	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
ALL THREAD STUDS	ALLIED NUT & BOLT CO.	N/A	N/A	ASTM A435 GRADE 660 M&E30047014 ASP#15347	1986	REPLACE- MENT	NO
NUTS	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	ASME SA-194 GRADE 8F M&E30212100 ASP#17230	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ Other ☐ VT1 Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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



## FORM NIS-2 (Back)

9. Remarks REPLACED BONNET TO BODY BOLTING MATERIAL.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C17829-4

File: 2-CS-328-L4

ISI:1

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 2/8, 19 95  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9/26/94 to 2/21/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Frank Pisarsky Commissions Mich 0055, END N&I  
 Inspector's Signature National Board, State, Province, Endorsements

Date February 21 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-29-94  
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 C18664-3, 2-IMO-325  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-IMO-325	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUDS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASTM A-453 GRADE 660 M&E30029999 ASP#15076	1986	REPLACE- MENT	NO
NUTS	ITT ENERGINEERED VALVES	N/A	N/A	ASME SA-194 GRADE 8F M&E30212090 ASP#11191	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ Other ☐ VT1 Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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

## FORM NIS-2 (Back)

9. Remarks REPLACED CARBON STEEL BOLTING MATERIAL WITH STAINLESS STEEL  
Applicable Manufacturer's Data Reports to be attached

FASTENERS.

Ref. JO: C18664-3

File: 2-IMO-325

ISI:1

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/27, 19 94  
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 7-27-94 to 10-28-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Muterbaugh Commissions Mich 0055, EN & N.I.  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date October 28 19 94



2370-76

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/17/94  
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 J.O. C19300-02  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT SPRAY  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-R700							
1/8"X 3" FLAT BAR	N/A	N/A	N/A	A570-92 GR45 ASP-16652	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL NEW SHIM PLATE TO ELIMINATE THE EXCESSIVE LATERAL GAP BETWEEN THE EXISTING 8" PIPE AND THE 3" CHANNEL ON 2-GCTS-R700.

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.

NIS94



## FORM NIS-2 (Back)

9. Remarks PURPOSE OF THIS MODIFICATION IS TO BRING THIS LARGE BORE PIPE  
Applicable Manufacturer's Data Reports to be attached  
SUPPORT BACK TO ITS DESIGN BASIS REQUIREMENTS AND BRING IT  
WITHIN THE FSAR LIMITS.  
ASME CLASS II / ISI CLASS II J.O. C19300-02

## 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 C. V. D. R. FIELD ENGINEER Date 11/1, 19 94  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

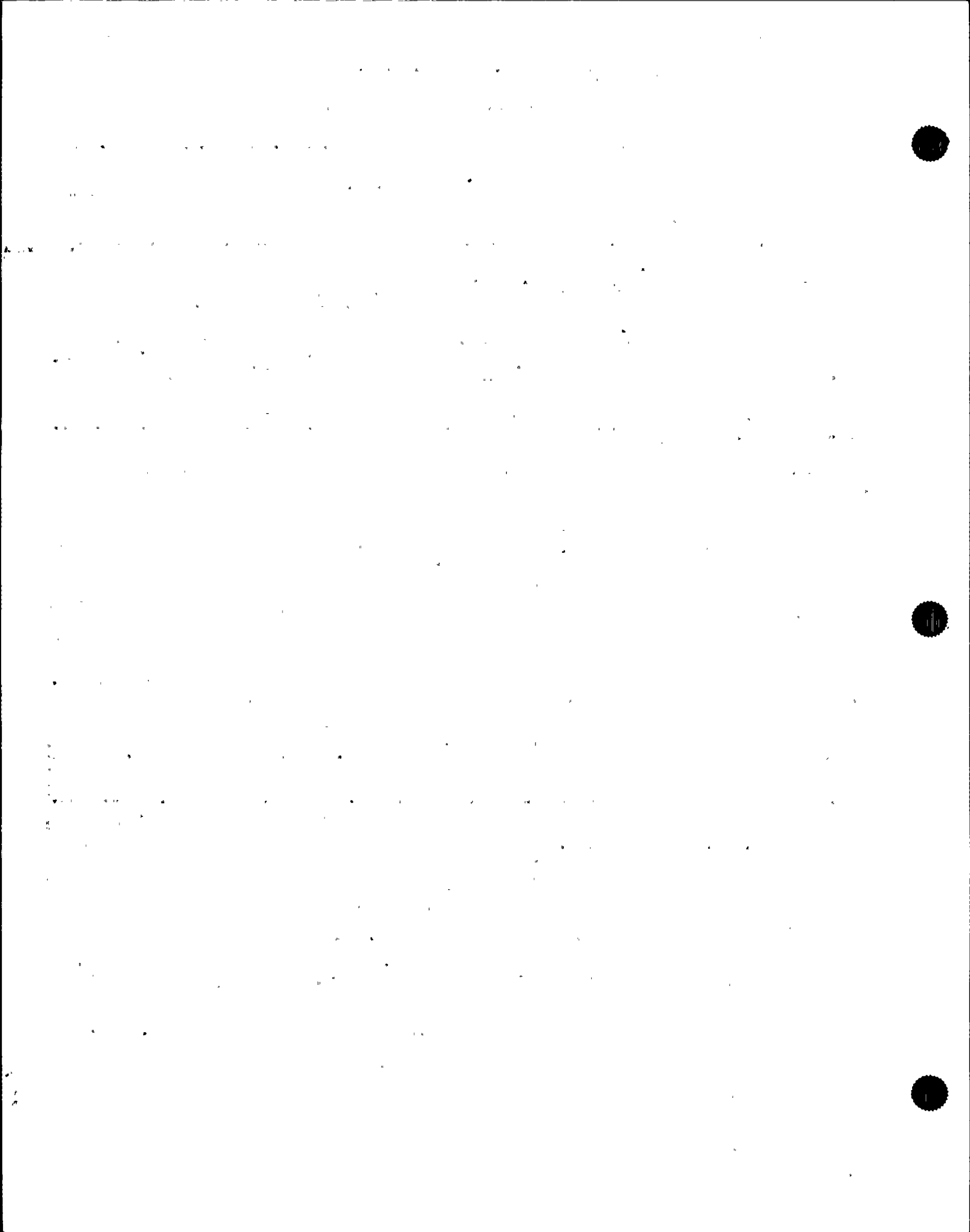
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-13-94 to 11-14-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MA Mutempan Commissions MICH ONSS. ENG'N'G  
 Inspector's Signature National Board, State, Province, Endorsements

Date November 14, 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-93

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/13/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C19471-04  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System FEEDWATER  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISI
5. (a) Applicable Const. Code \* 19 Ed., N-416 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

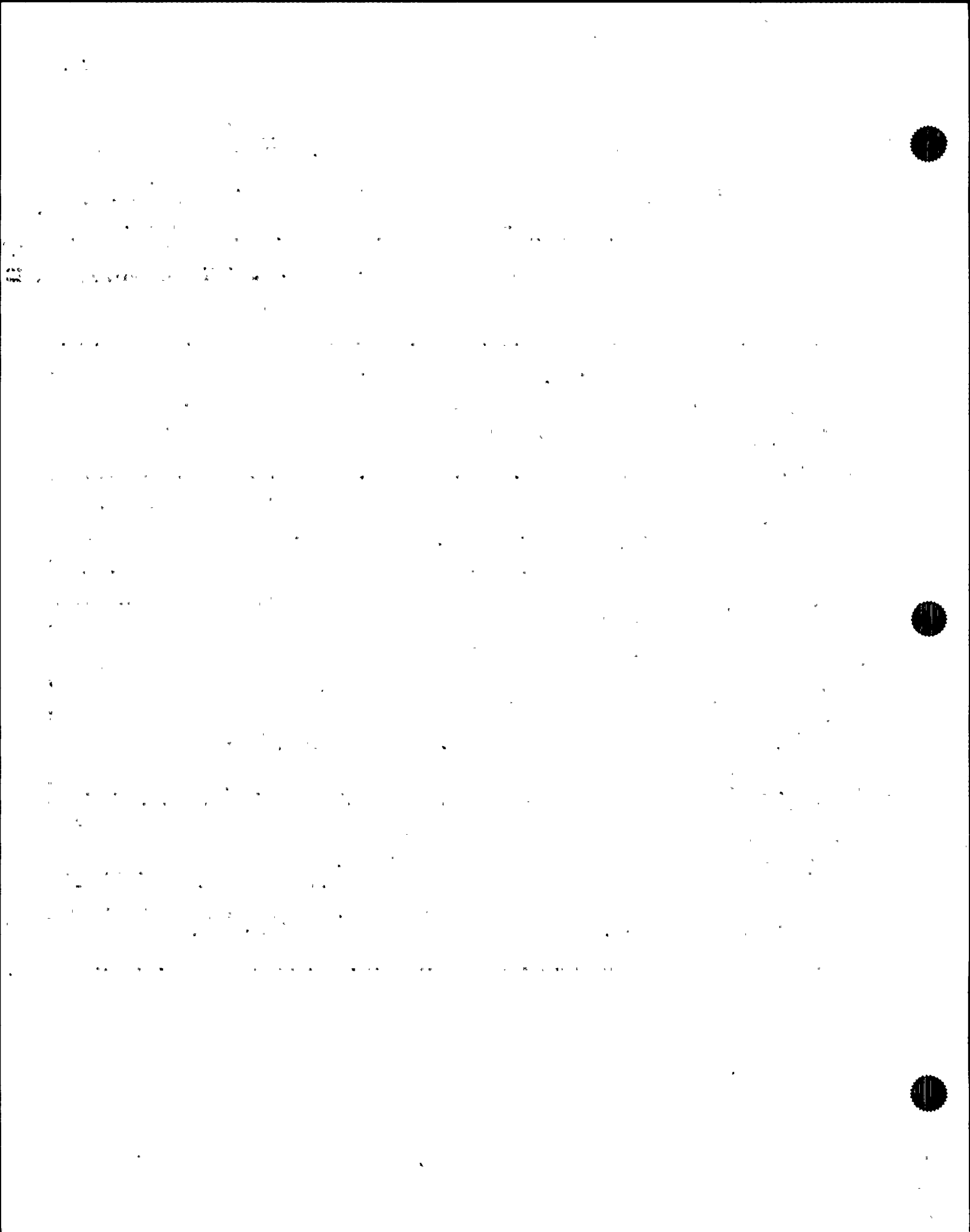
6. Identification of Components Repaired or Replaced and Replacement Components

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)
14" SCH 80 PIPE SPOOL	Dalmine	N/A	N/A	SA 106 Gr B PO# 64591-040-3 HT# 933804	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL A 14" PIPE SPOOL WITH INSPECTION PORT  
(INSTALLED BY OTHERS) IN THE FEEDWATER SYSTEM.

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 PER CODE CASE N-416 - SYSTEM NON-ISOLATABLE HYDRO WILL BE  
Applicable Manufacturer's Data Reports to be attached  
PERFORMED AT 1331 PSIG DURING 10 YEAR ISI HYDRO. VT-2 PERFORMED  
AFTER SYSTEM WAS IN OPERATION AND FOUND TO BE ACCEPTABLE.  
ASME CODE CLASS N/A / ISI CLASS II

## 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 *C. Van Dine* Date 12/14, 19 94  
 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 6-1-94 to 1-4-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*MR. Whitcomb* Commissions MICH OD55 END N.Y.  
 Inspector's Signature National Board, State, Province, Endorsements

Date January 4 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-95

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/09/94  
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 J.O. C19472-04  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKELAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System FEEDWATER  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed., N-416 Add. Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
14" SCH 80 PIPE SPOOL	Dalmine	N/A	N/A	SA 106 Gr B PO# 64591-040-3 HT# 933804	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL A 14" PIPE SPOOL WITH INSPECTION PORT  
(INSTALLED BY OTHERS) IN THE FEEDWATER SYSTEM.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ X
- 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 PER CODE CASE N-416 - SYSTEM NON-ISOLATABLE HYDRO WILL BE  
Applicable Manufacturer's Data Reports to be attached
- PERFORMED AT 1331 PSIG DURING 10 YEAR ISI HYDRO. VT-2 PERFORMED  
AFTER SYSTEM WAS IN OPERATION AND FOUND TO BE ACCEPTABLE.
- ASME CODE CLASS N/A / ISI CLASS II

## 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 *P. J. [Signature]* FIELD ENGINEER Date 12/14, 19 94  
 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 6-1-94 to 1-4-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date JANUARY 4 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-92

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/09/94  
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 J.O. C19474-04  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Authorization No. 0290-V  
Address Expiration Date 12/31/94
4. Identification of System FEEDWATER  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,        Add. N-416 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
14" SCH 80 PIPE SPOOL	Dalmine	N/A	N/A	SA 106 Gr B PO# 64591-040-3 HT# 933804	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL A 14" PIPE SPOOL WITH INSPECTION PORT  
(INSTALLED BY OTHERS) IN THE FEEDWATER SYSTEM.

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 PER CODE CASE N-416 - SYSTEM NON-ISOLATABLE HYDRO WILL BE  
Applicable Manufacturer's Data Reports to be attached
- PERFORMED AT 1331 PSIG DURING 10 YEAR ISI HYDRO. VT-2 PERFORMED  
AFTER SYSTEM WAS IN OPERATION AND FOUND TO BE ACCEPTABLE.
- ASME CODE CLASS N/A / ISI CLASS II

## 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 *[Signature]* F. G. ENGINEER Date 12/14, 19 94  
 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 6-1-94 to 1-4-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*[Signature]* Commissions Michigan, EN & T  
 Inspector's Signature National Board, State, Province, Endorsements

Date January 4 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-94

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/13/94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C19475-04  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System FEEDWATER  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed., Add. N-416 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
14" SCH. 80 PIPE SPOOL	Dalmine	N/A	N/A	SA 106 Gr B PO# 64591-040-3 HT# 933804	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL A 14" PIPE SPOOL WITH INSPECTION PORT  
(INSTALLED BY OTHERS) IN THE FEEDWATER SYSTEM.

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 PER CODE CASE N-416 - SYSTEM NON-ISOLATABLE HYDRO WILL BE  
Applicable Manufacturer's Data Reports to be attached
- PERFORMED AT 1331 PSIG DURING 10 YEAR ISI HYDRO. VT-2 PERFORMED  
AFTER SYSTEM WAS IN OPERATION AND FOUND TO BE ACCEPTABLE.
- ASME CODE CLASS N/A / ISI CLASS II

## 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 C. Van der Pijl FIELD ENGINEER Date 12/14, 19 94  
 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 6-1-94 to 1-4-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date January 4 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-30-94  
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 C19629-6 2-ORV-111  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System LETDOWN (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-ORV-111	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
TRIM ASSEMBLY	COPESE-VULCAN INC.	N/A	N/A	ASME SA-564 GRADE 630 M&E30036150 ASP#16921	N/A	REPLACE-MENT	NO

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

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

## FORM NIS-2 (Back)

9. Remarks VALVE CAGE AND PLUG DID NOT PASS BLUE CHECK, REPLACED TRIM  
Applicable Manufacturer's Data Reports to be attached

ASSEMBLY CONSISTING OF (1) CAGE, (1) PIN, (1) PLUG, AND (1) STEM.

Ref. JO:C19629-6

File: 2-ORV-111

ISI:1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Date 11/14, 19 94  
 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 10-5-94 to 12-2-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. A. Muthas Commissions Michigan END NET  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date December 2 19 94



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-27-94  
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 C19862-1, 2-GRC-S555  
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 PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GRC-S555	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL CORP.	N/A	N/A	M&E30040550 ASP#16665	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☒ Other ☐ 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 EXISTING HARDWARE WITH A GRINNELL CONFIGURATION "A"  
Applicable Manufacturer's Data Reports to be attached

KIT WHICH CONSISTS OF A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO: C19862-1

File: 2-GRC-S555

ISI:1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994  
 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 11-18-93 to 12-1-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Minterbaugh Commissions MICH 0055, ENCL N.E.I.  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 1 1994

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-27-94  
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 C19864-1, 2-GRC-S573  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GRC-S573	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL CORP.	N/A	N/A	M&E30040551 ASP#17059	N/A	REPLACE-MENT	NO

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

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

## FORM NIS-2 (Back)

9. Remarks REPLACED EXISTING HARDWARE WITH A GRINNELL CONFIGURATION "A"  
Applicable Manufacturer's Data Reports to be attached

KIT WHICH CONSISTS OF A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO: C19864-1

File: 2-GRC-S573

ISI:1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994  
 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 11-18-93 to 12-2-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mike Muterbaugh Commissions Mich 0055, End N E  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 2 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-27-94  
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 C19866-1, 2-GRC-S598  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GRC-S598	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL CORP.	N/A	N/A	M&E30040550 ASP#16665	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☒ Other ☐ 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 EXISTING HARDWARE WITH A GRINNELL CONFIGURATION "A"  
Applicable Manufacturer's Data Reports to be attached

KIT WHICH CONSISTS OF A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO: C19866-1

File: 2-GRC-S598

ISI:1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 19 94  
 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 10-11-94 to 12-02-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Michael J. Thompson Commissions Mich. DSS. ENDNET  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 2 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-29-94  
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 C19869-1, 2-FW-S4-U  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-FW-S4-U	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL CORP.	N/A	N/A	M&E30040552 ASP#17059	N/A	REPLACE-MENT	NO

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

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

## FORM NIS-2 (Back)

9. Remarks REPLACED EXISTING HARDWARE WITH A GRINNELL CONFIGURATION "A"  
Applicable Manufacturer's Data Reports to be attached

KIT WHICH CONSISTS OF A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO: C19869-1

File: 2-FW-S4-U

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 11/14, 1994  
 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 11/15/93 to 12-1-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date December 1 1994



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-24-94  
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 C19875-1, 2-FW-S5  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-FW-S5	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL CORP.	N/A	N/A	M&E30040551 ASP#17059	N/A	REPLACE-MENT	NO
RESERVOIR	GRINNELL CORP	N/A	N/A	M&E30040552 ASP#16465	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED EXISTING HARDWARE WITH A GRINNELL CONFIGURATION "A"  
Applicable Manufacturer's Data Reports to be attached

KIT WHICH CONSISTS OF A CONTROL VALVE BLOCK AND RESERVOIR.

RESERVOIR DID NOT PASS SERVICEABILITY EXAM, REPLACED RESERVIOR.

Ref. JO: C19875-1

File: 2-FW-S5

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/8, 1994  
 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 11-15-93 to 1-3-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mike M. [Signature] Commissions MICH 0055, EN-D NIT  
 Inspector's Signature National Board, State, Province, Endorsements

Date January 3 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-27-94  
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 C19877-1, 2-FW-S8-U  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-FW-S8-U	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL CORP.	N/A	N/A	M&E30040551 ASP#17059	N/A	REPLACE-MENT	NO

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

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

## FORM NIS-2 (Back)

9. Remarks REPLACED EXISTING HARDWARE WITH A GRINNELL CONFIGURATION "A"  
Applicable Manufacturer's Data Reports to be attached

KIT WHICH CONSISTS OF A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO: C19877-1

File: .2-FW-S8-U

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994  
 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 11/18/94 to 12-2-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions Mich. DOST, END. NFI  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date December 2 1994

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-14-94  
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 C19880-1, 2-GBD-S568  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GBD-S568	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL CORP.	N/A	N/A	M&E30040550 ASP#16665	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ 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 EXISTING HARDWARE WITH A GRINNELL CONFIGURATION "A"  
Applicable Manufacturer's Data Reports to be attached

KIT WHICH CONSISTS OF A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO: C19880-1

File: 2-GBD-S568

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994  
 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 11/15/93 to 12/02/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. J. Whitcomb  
 Inspector's Signature

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

Date December 2, 1994

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-29-94  
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 C19886-1, 2-MSS-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 PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-MSS-1	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL CORP.	N/A	N/A	PO#05015-041-3 ASP#17059	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)

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

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED EXISTING HARDWARE WITH A GRINNELL CONFIGURATION "A"  
Applicable Manufacturer's Data Reports to be attached

KIT WHICH CONSISTS OF A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO: C19886-1

File: 2-MSS-1

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994  
 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 11/18/93 to 12-02-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions M.I. 10055, E.N. 21615  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 02 1994

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-28-94  
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 C19888-1, 2-MSS-5  
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 PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-MSS-5	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL CORP.	N/A	N/A	M&E30040552 ASP#17059	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED EXISTING HARDWARE WITH A GRINNELL CONFIGURATION "A"  
Applicable Manufacturer's Data Reports to be attached

KIT WHICH CONSISTS OF A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO: C19888-1

File: 2-MSS-5

ISI:2

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994  
 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 11/18/93 to 12/1/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Muterbaugh Commissions Mich 0055, EN, INTI  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 1 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-29-94  
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 C19889-1, 2-MSS-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 PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-MSS-7	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL CORP.	N/A	N/A	M&E30040552 ASP#17059	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED EXISTING HARDWARE WITH A GRINNELL CONFIGURATION "A"  
Applicable Manufacturer's Data Reports to be attached

KIT WHICH CONSISTS OF A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO: C19889-1

File: 2-MSS-7

ISI:2

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/8, 1994  
 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 11-15-93 to 1-3-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. Peter Pugh Commissions Michigan, ENDSI  
 Inspector's Signature National Board, State, Province, Endorsements

Date JANUARY 3 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-24-94  
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 C19924-3 & 8, 2-MM0-210  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-MM0-210	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
BODY TO BONNET FASTENERS	CARDINAL INDUSTRIAL PRODUCTS	N/A	N/A	STUDS:ASME SA-193 GRB7 M&E30211630 ASP# 15470 NUTS:ASME SA-194 GR2H M&E30211900 ASP#15684	N/A	REPLACE-MENT	NO
POPPET	ATWOOD MORRILL	N/A	N/A	SA-515 GRADE 70 M&E23044491	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks THE BODY RING SEAL WELD AND THE POPPET NUT TACK WELD WERE  
Applicable Manufacturer's Data Reports to be attached

REMOVED TO FACILITATE VALVE INSPECTION. THE POPPET WAS REPLACED  
AND THE POPPET NUT WAS TACK WELDED, THE BODY RING SEAL WAS  
REWELDED AND PT EXAM WAS ACCEPTED. BODY TO BONNET STUDS AND  
NUTS WERE REPLACED.

Ref. JO:C19924-3 & 8 File: 2-MMO-210

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/20, 1994  
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 10-20-94 to 1-9-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. M. M. M. M. Commissions Michigan, EN. S. I. T.  
Inspector's Signature National Board, State, Province, Endorsements

Date January 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 10-22-94  
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 C19927-3 & 8, 2-MMO-220  
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-MMO-220	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
BODY TO BONNET STUDS	CARDINAL INDUSTRIAL PRODUCTS	N/A	N/A	STUDS:ASME SA-193 GRB7 M&E30211630 ASP# 15470	N/A	REPLACE-MENT	NO
POPPET	ATWOOD MORRILL	N/A	N/A	SA-515 GRADE 70 M&E23044491	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ VT2  
N/A ☐ Other ☐ PT Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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



## FORM NIS-2 (Back)

9. Remarks THE BODY RING SEAL WELD AND THE POPPET NUT TACK WELD WERE  
Applicable Manufacturer's Data Reports to be attached

REMOVED TO FACILITATE VALVE INSPECTION. THE POPPET WAS REPLACED  
AND THE POPPET NUT WAS TACK WELDED, THE BODY RING SEAL WAS  
REWELDED AND PT EXAM WAS ACCEPTED. BODY TO BONNET STUDS WERE  
REPLACED.

Ref. JO:C19927-3 & 8 File: 2-MMO-220

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/20/, 1994  
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 10-17-94 to 1-9-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Michigan, ENR NIE  
National Board, State, Province, Endorsements

Date January 9 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 10-22-94  
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 C19930-3 & 8, 2-MMO-230  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 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-MMO-230	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
BODY TO BONNET FASTENERS	CARDINAL INDUSTRIAL PRODUCTS	N/A	N/A	STUDS:ASME SA-193 GRB7 M&E30211630 ASP# 15470 NUTS:ASME SA-194 GR2H M&E30211900 ASP#15684	N/A	REPLACE-MENT	NO
POPPET	ATWOOD MORRILL	N/A	N/A	SA-515 GRADE 70 M&E23044491	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks THE BODY RING SEAL WELD AND THE POPPET NUT TACK WELD WERE  
Applicable Manufacturer's Data Reports to be attached

REMOVED TO FACILITATE VALVE INSPECTION. THE POPPET WAS REPLACED  
AND THE POPPET NUT WAS TACK WELDED. THE BODY RING SEAL WAS  
REWELDED AND PT EXAM WAS ACCEPTED. BODY TO BONNET STUDS AND  
NUTS WERE REPLACED.

Ref. JO:C19930-3 & 8 File: 2-MMO-230

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/8, 1994  
 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 10-14-94 to 1-11-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date January 11 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-06-94  
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 C19942-1,4 FW INSPECTION PORTS  
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 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 or Replacement	ASME Code Stamped (Yes or No)
INSPECTION PORTS FOR FEEDWATER SYSTEM	I&M POWER	N/A	N/A	N/A	N/A	FABRICATION OF 4 PORTS	NO
SOCKOLET, WELDOLET, FLANGE	BERTSCH COMP.	N/A	N/A	SOCKOLET ASTM A-105, WELDOLET ASTM A-105, FLANGE ASTM A-105	N/A	N/A	NO
14" PIPE SCH.80	VAN LEEUWEN PIPE & TUBE	N/A	N/A	ASME SA-106 GRADE B	N/A	N/A	NO

7. Description of Work (See Remarks)

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

N/A ☐ Other ☐ MT 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 FABRICATED FOUR INSPECTION PORTS FROM SECTIONS OF 14" PIPE WITH  
Applicable Manufacturer's Data Reports to be attached
- A BRANCH CONNECTION AND FLANGE. ALL FOUR ASSEMBLIES WERE  
MACHINED TO MEET THE REQUIREMENTS OF PLANT MOD 1305. MAGNETIC  
PARTICLE EXAMS WERE PERFORMED ON ALL WELDS AS REQUIRED AND  
ACCEPTED.

Ref. JO:C19942-1

File:FW INSPECTION PORTS

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/8, 19 94  
 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 1-12-94 to 2-2-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

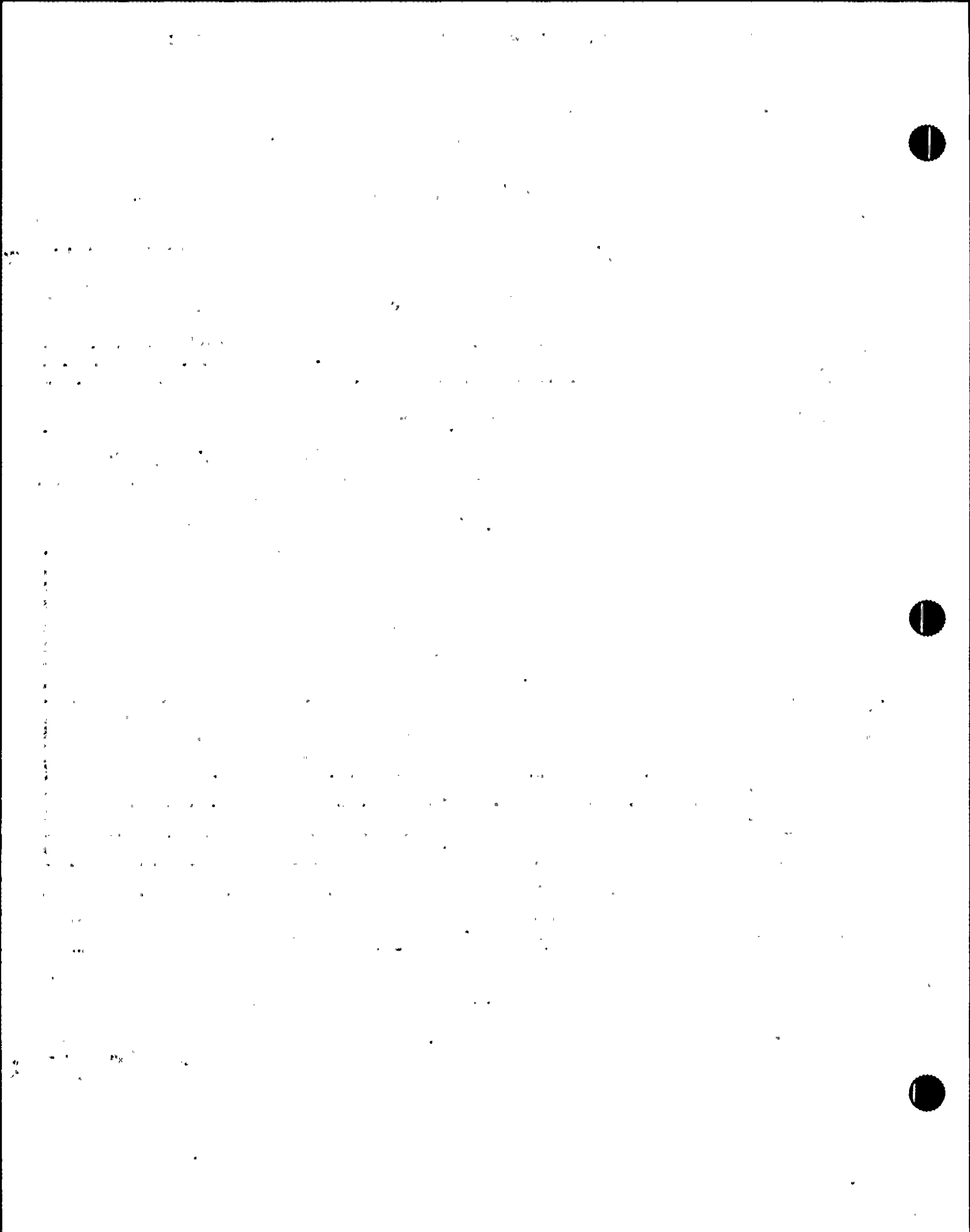
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury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

MR. [Signature]  
 Inspector's Signature

Commissions MICHIGAN, END N.E.T.  
 National Board, State, Province, Endorsements

Date MARCH 2 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-17-94  
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 C20029-1, 2-GCTS-S115-N  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCTS-S115-N	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL CORP.	N/A	N/A	M&E30040551 ASP#17059	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED EXISTING HARDWARE WITH A GRINNELL CONFIGURATION "A"  
Applicable Manufacturer's Data Reports to be attached

KIT WHICH CONSISTS OF A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO: C20029-1

File: 2-GCTS-S115-N

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

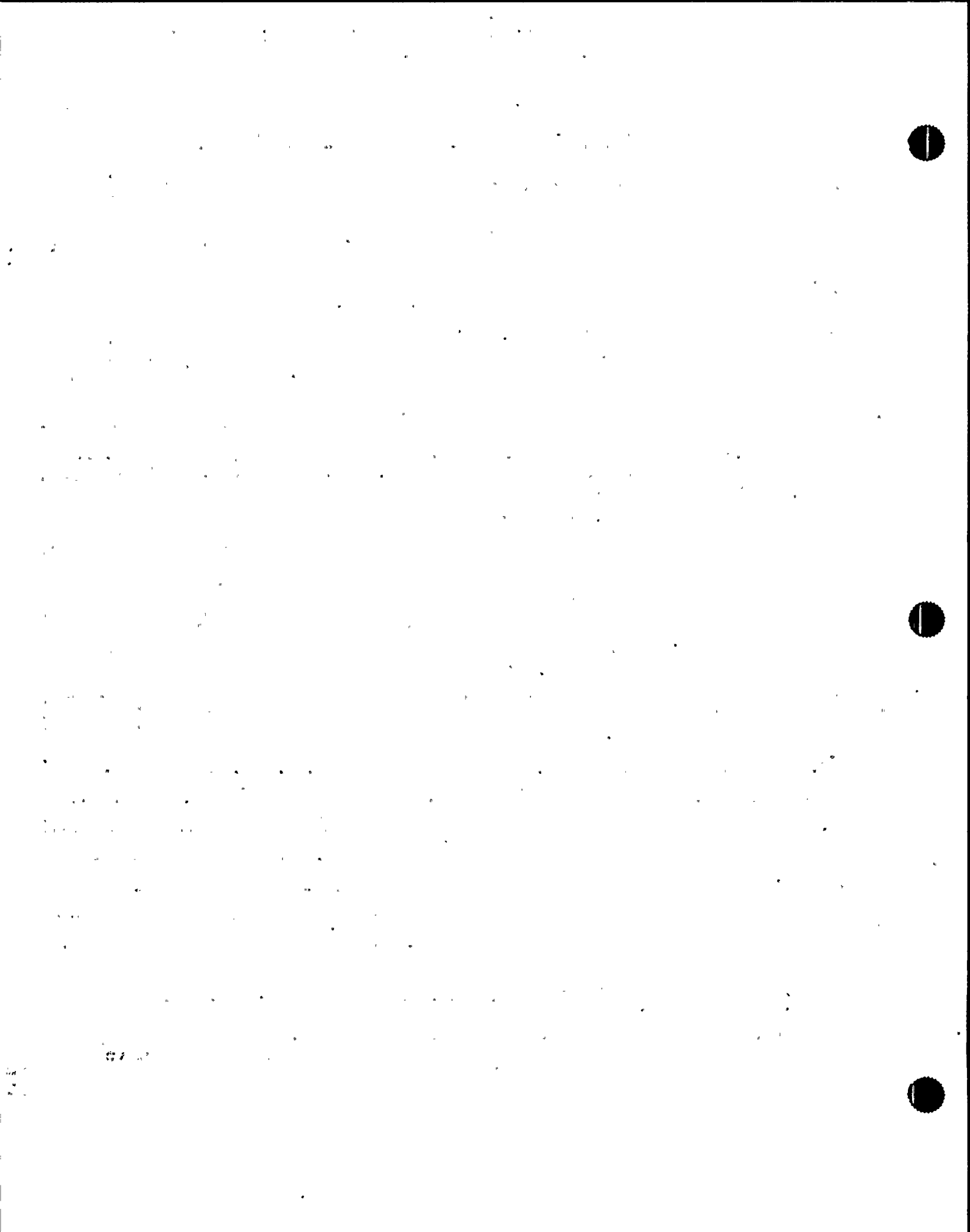
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-2-93 to 12-1-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. [Signature] Commissions MLH0055, END NFE  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date December 1 1994



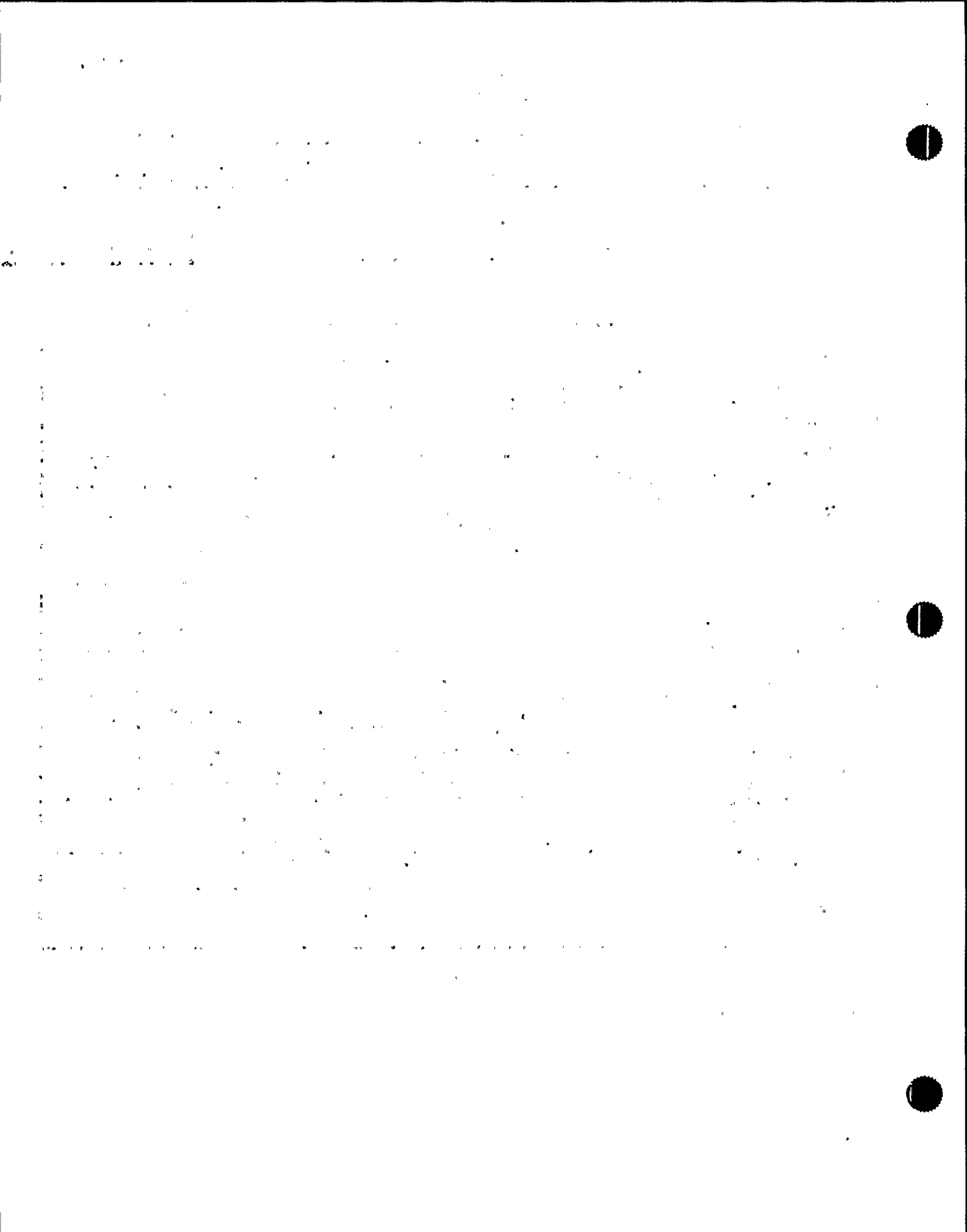
**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-17-94  
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 C20030-1, 2-GCTS-S115-S  
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 PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCTS-S115-S	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL CORP.	N/A	N/A	M&E30040551 ASP#17059	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED EXISTING HARDWARE WITH A GRINNELL CONFIGURATION "A"  
Applicable Manufacturer's Data Reports to be attached

KIT WHICH CONSISTS OF A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO: C20030-1

File: 2-GCTS-S115-S

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

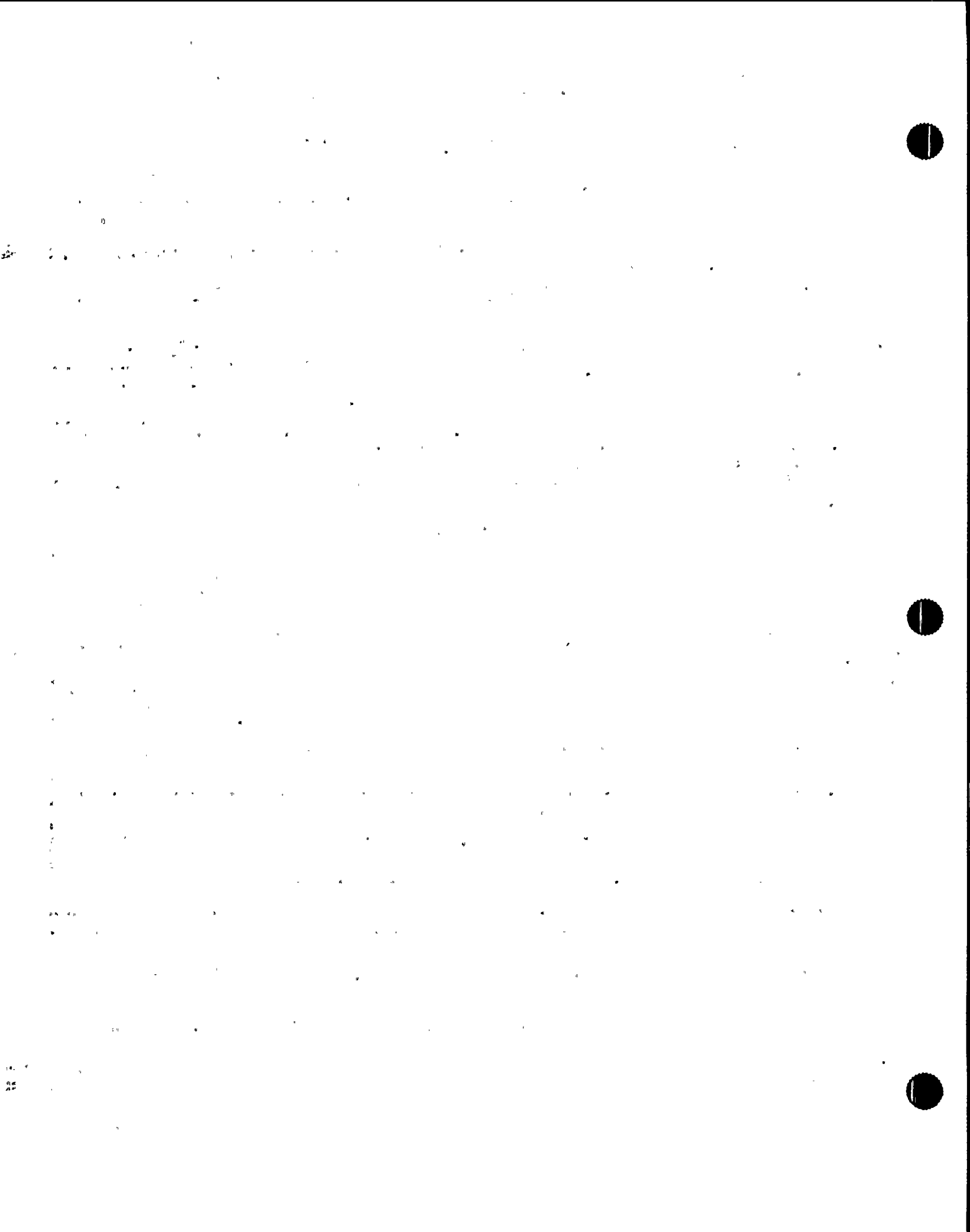
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-2-93 to 12-1-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date December 1 19 94



2370-105

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 OCTOBER 31, 1994  
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 J.O. C20640-03  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System REACTOR COOLANT PUMP SEAL WATER INJECTION/LEAKOFF  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 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-QFR-31							
1/4" X 5/8" BOLTS	N/A	N/A	N/A	SA-453 GR-660 ASP-11944 ✓	N/A	REPLACE-MENT	NO

7. Description of Work SEE REMARKS FOR DESCRIPTION

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 FASTENERS ON 2-QFR-31 WITH 1/8" X 5 1/4 SA-453 Gr. 660  
Applicable Manufacturer's Data Reports to be attached

STUD BOLTS

ASME CLASS II / ISI CLASS II

J.O. C20640-03

## 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 *C. V. [Signature]* FIELD ENGINEER Date 11/23, 1994  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-8-94 to           , 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 0055, B.V.D. N.E.I.  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date December 8 19 94



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-30-94  
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 C20993-1, RX VESSEL HEAD  
Address Repair Org. P.O. No., Job No.,  
etc
3. Work Performed by WESTINGHOUSE/PCI Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REACTOR VESSEL
5. (a) Applicable Const. Code ANSI B31.1-19 83Ed., N/A Add. N-416 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)
CORE EXIT THERMO-COUPLE NOZZLES 1-5	ABB COMBUSTION ENGINEERING	N/A	N/A	ASME SA479 TYPE 304 TESTED PER ASTM A262 ASP#16781	N/A	REPLACE-MENTS	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ VT2
- N/A ☐ Other ☐ PT\* Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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



## FORM NIS-2 (Back)

9. Remarks WESTINGHOUSE CONOSEAL FEMALE FLANGES WERE REPLACED WITH CETNA  
Applicable Manufacturer's Data Reports to be attached

WELDED NOZZLE ASSEMBLIES ON THERMOCOUPLE'S 1 THRU 5.\*ALL PT'S  
REQUIRED ARE DOCUMENTED IN THE JOB ORDER PACKAGE. VT-2 EXAMS  
WERE PERFORMED AND ACCEPTED.

Ref. JO:C20993-1

File: RX VESSEL

ISI:1

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 2/8, 19 95  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

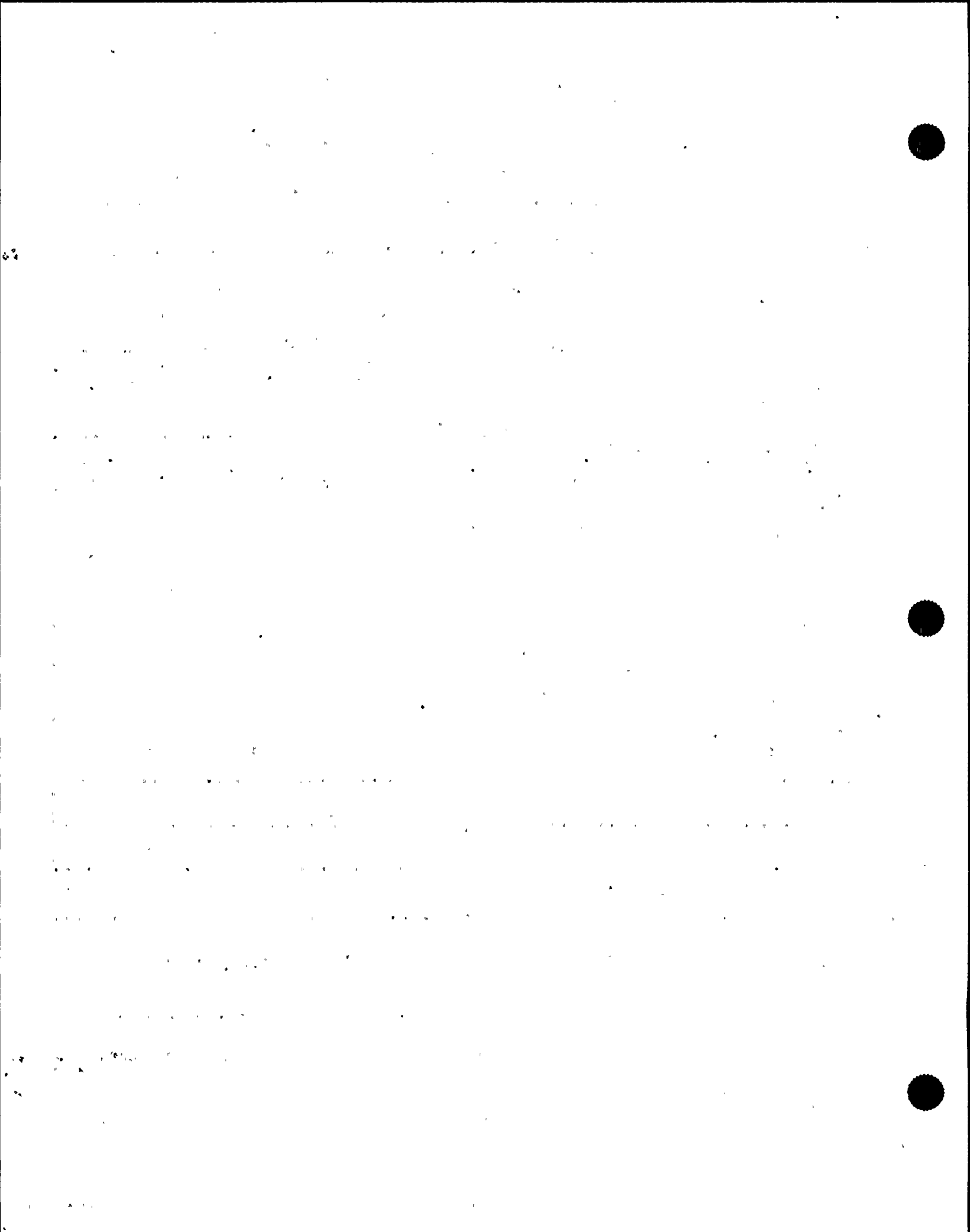
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9/23/94 to 2/21/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. [Signature] Commissions Michigan and NFI  
Inspector's Signature National Board, State, Province, Endorsements

Date February 21 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-77

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/14/93  
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 J.O. C21013-08  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System CONTAINMENT VENTILATION  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 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-VCR-207							
1"X 8" BOLTS	N/A	N/A	N/A	SA-193 B-7 ASP-15841	N/A	REPLACE-MENT	NO

7. Description of Work REINSTALL VALVE 2-VCR-207 / ACTUATOR USING PROCEDURE  
\*\*12 MHP 5021.028.004. REPLACED 12 A307 BOLTS WITH 12 A193 B7 BOLTS.

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.

NIS94-08B



## FORM NIS-2 (Back)

9. Remarks REPLACED FASTENERS ON 2-VCR-207 WITH 1" X 8" SA-193 Gr. B-7  
Applicable Manufacturer's Data Reports to be attached

BOLTS. BOLTS WERE TRIMMED TO PROPER LENGTH.

ASME CLASS II / ISI CLASS II J.O. C21013-08

## 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 [Signature] FIELD ENGINEER Date 11/1, 19 94  
 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 7/29/94 to 11/14/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 14 19 94



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-30-94  
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 C21313-3 2-IMO-316  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement.	ASME Code Stamped (Yes or No)
2-IMO-316	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
ALL THREAD STUDS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASTM A-453 GRADE 660 M&E30029999 ASP#15076	1986	REPLACE-MENT	NO
NUTS	ITT ENGINEERED VALVES	N/A	N/A	ASME SA-194 GRADE 8F M&E30212090 ASP#11191	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED BONNET TO BODY BOLTING MATERIAL PER 12-MM-574.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C21313-3

File: 2-IMO-316

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/8/94, 19 94  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9/29/94 to 1/3/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date January 3 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01-24-94  
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 C21425-3,2-BD-101-1,1"LINE  
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
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-BD-101-1	N/A	N/A	N/A	N/A	N/A	REPAIRED BY WELDING	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other ☒ VT2 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 GROUND OUT DEFECT WHERE THE 1" LINE TEE'S INTO THE 2" STEAM  
Applicable Manufacturer's Data Reports to be attached

GENERATOR BLOWDOWN LINE DOWNSTREAM OF 2-BD-101-1. REWELDED  
DEFECTED AREA.

Ref. JO.C21425-3

File: 2-BD-101-1

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Date 4/30, 1994  
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 1-24-94 to 5-20-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

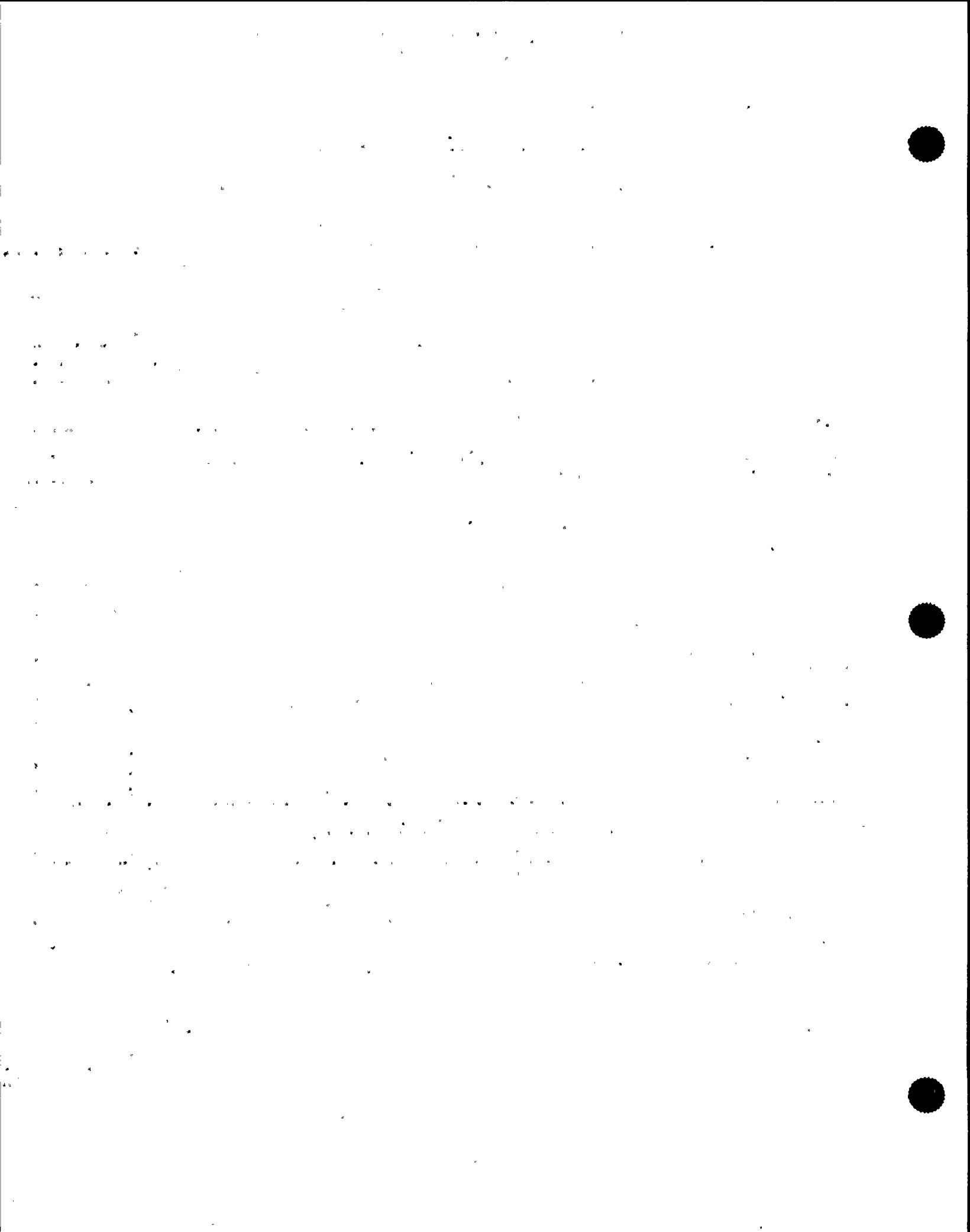
MR. M. J. M. M. M.  
 Inspector's Signature

Commissions Mich 0255, E. & N.E.

National Board, State, Province, Endorsements

Date May 20 19 94

\*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 01-24-94  
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-21432-7.2-ORV-162.2"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 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.	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUD & NUTS	TEXAS BOLT COMPANY	N/A	N/A	STUD-SA-193 GR.B-7 NUTS-SA194 GR.2H M&E30029005 ASP#7863** ASP#16697**	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other ☐ MT 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 BODY TO BONNET STUD & NUTS THAT WERE PURCHASED QUALITY  
Applicable Manufacturer's Data Reports to be attached

LEVEL 4, ASP#7863\*\*.MAGNETIC PARTICLE TESTING OF STUD & NUTS

WAS ACC. UPGRADING THEM TO QUALITY LEVEL 5 ASP#16697\*\* WAS  
THEN ASSIGNED.

Ref. JO:C-21432-7

File: 2-ORV-162

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 2-22, 19 94  
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 1-24-94 to 4-25-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rocky W. White  
 Inspector's Signature

Commissions Mich. # 686 (N+I)  
 National Board, State, Province, Endorsements

Date 4-25-1994

\*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 02-21-94  
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 C21542-2, 2-MRV-241, 2" 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 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-241	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
SEAT RING	FISHER CONTROLS	N/A	N/A	ASTM A-582 TYPE 416 M&E30040120 ASP# 12289	N/A	REPLACE-MENT	NO
PLUG AND STEM ASSY.	FISHER CONTROLS	N/A	N/A	ASTM A-582 TYPE 416 M&E30040005 ASP# 12623	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED PLUG AND STEM ASSEMBLY, ALSO REPLACED SEAT RING DUE  
Applicable Manufacturer's Data Reports to be attached  
TO NORMAL WEAR.

Ref. JO:C-21542-2

File: 2-MRV-241

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 3-4, 19 94  
Frank Pisarsky 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 2-3-94 to 4-27-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Ricky W. White Commissions Mich. #686 (N+I)  
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-27-1994 \*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 10-11-94  
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 C21917-1 2-SV-1B-4  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

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

7. Description of Work (See Remarks)

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

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

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



## FORM NIS-2 (Back)

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

Ref. JO: C21917-1

File: 2-SV-1B-4

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/2, 19 94  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

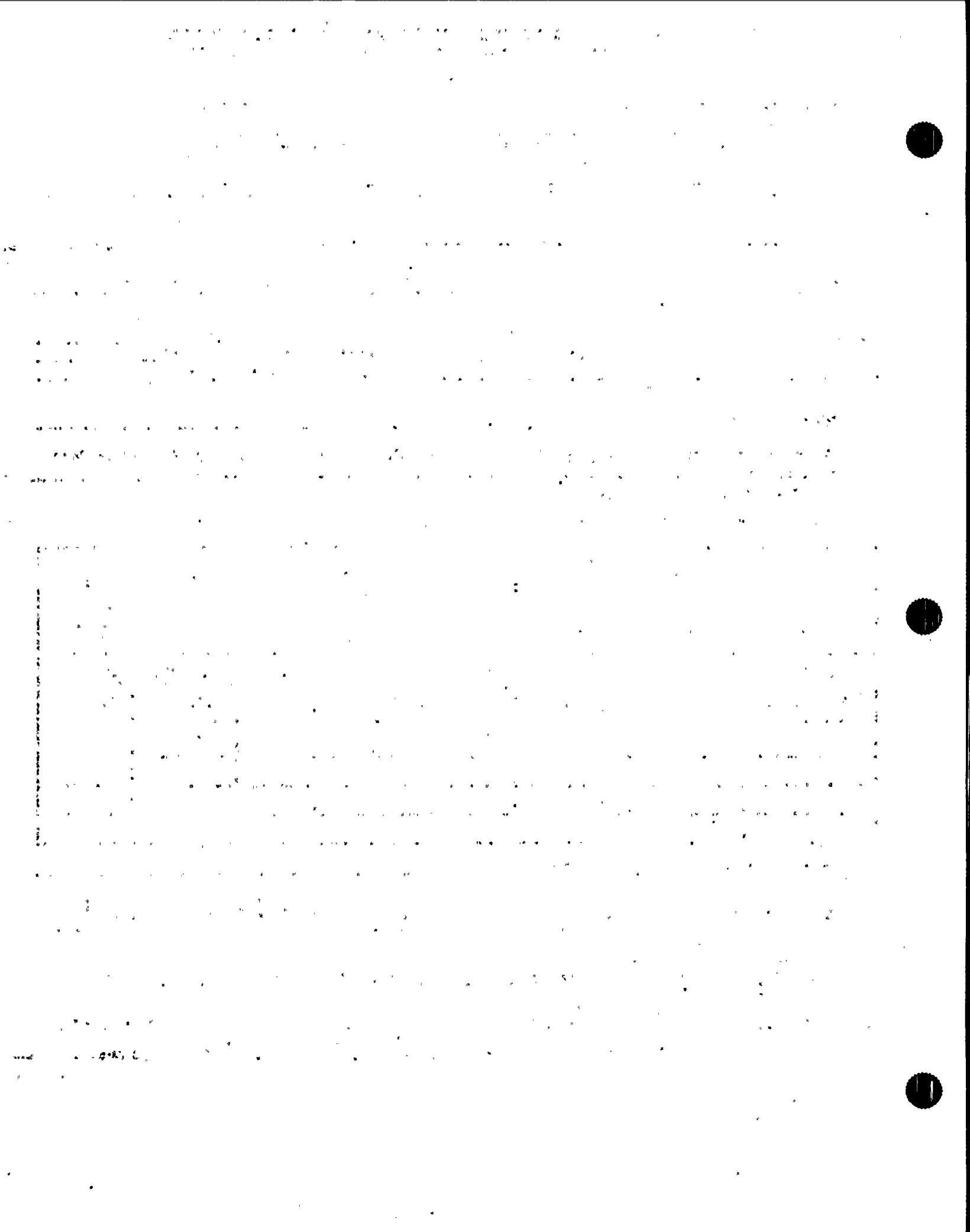
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3-16-94 to 11-16-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. M. Mutespaugh Commissions Mich 0255, ENR NBT  
 Inspector's Signature National Board, State, Province, Endorsements

Date November 16 19 94

\*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 10-03-94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2  
Name  
One Cook Place, Bridgman, MI 49106 C23011-2, 2-RC-102-L3  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-RC-102-L3	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STEM & PLUG ASSEMBLY	CONVAL INC.	N/A	N/A	SA-182 TYPE 316 M&E30035574 ASP#13759	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)

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

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

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

AS IN THE ATTACHED

EXHIBIT, THE FOLLOWING INFORMATION IS FOR YOUR INFORMATION

## FORM NIS-2 (Back)

9. Remarks REPLACED STEM AND PLUG ASSEMBLY DUE TO SCORING.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C23011-2

File: 2-RC-102-L3

ISI: 1

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994.  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

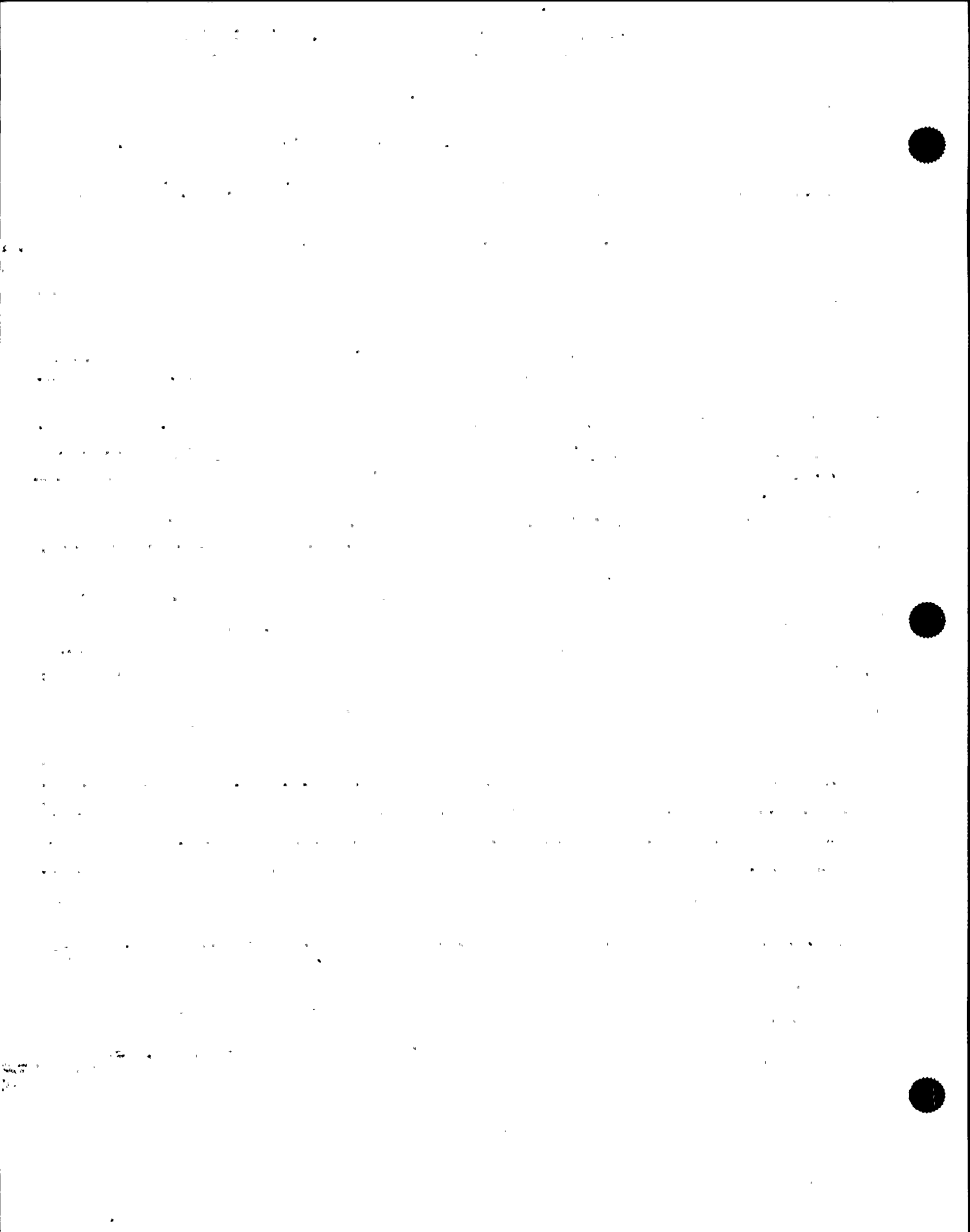
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-5-94 to 12-15-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. J. McLaughlin Commissions Michigan, ENDET  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 15 1994

\*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 10-16-94  
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 C23787-6, 2-MS-135-2  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-MS-135-2	HENRY VOGT MACHINE CO.	N/A	N/A	ASME SA-105 M&E30044248 ASP#15781	N/A	REPLACE-MENT	NO
2" SCH.80 PIPE	RADNOR ALLOYS INC.	N/A	N/A	ASME SA-106 GRADE B M&E30014981 ASP#14967	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ VT2
- N/A ☐ Other ☐ PT Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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



## FORM NIS-2 (Back)

9. Remarks REPLACED VALVE AND ADJACENT PIPING DUE TO STEAM CUTS IN VALVE  
Applicable Manufacturer's Data Reports to be attached

IN BODY SEATING AREA. PT EXAMS WERE PERFORMED ON WELD JOINTS  
AND ACCEPTED.

Ref. JO:C23787-6

File: 2-MS-135-2

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/8, 1994  
 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 10-12-94 to 1-3-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date January 3 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 10-10-94  
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 C24544-4 2-IMO-312  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-IMO-312	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
BACKSEAT RETAINING RING	VELAN	N/A	N/A	ASTM A-564 TYPE S/S630 M&E30044062 ASP#14666	N/A	REPLACE- MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks GROOVES FOR REMOVING RETAINER RING WERE ROUNDED OFF DURING  
Applicable Manufacturer's Data Reports to be attached

REMOVAL, REPLACED RETAINER RING.

Ref. JO: C24544-4

File: 2-IMO-312

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 4/14, 1994  
 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 10-11-94 to 12-2-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

FRANK PISARSKY Commissions Michigan ENR/NFT  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 2 1994

\*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 10-02-94  
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 C24817-1 & 11, 2-WCR-958  
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 NON-ESSENTIAL SERVICE 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)
EXISTING 2-WCR-958	N/A	N/A	N/A	SA-351 GRADE CF8	N/A	REPAIRED	NO
BONNET TO BODY STUDS	ITT ENGINEERED VALVES	N/A	N/A	ASME SA-453 GRADE 660 M&E30040583 ASP#13953	N/A	REPLACE-MENT	NO
BONNET TO BODY NUTS	ITT ENGINEERED VALVES	N/A	N/A	ASME SA-194 GRADE 8 M&E30040564 ASP#13953	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other ☒ RT Pressure 138 psi Test Temp. AMBIENT °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 EXISTING VALVE WAS CUT OUT AND REORIENTATED TO ACHIEVE DESIRED  
Applicable Manufacturer's Data Reports to be attached

ACCESSIBILITY TO 2-CPN-71. VALVE WAS REWELDED IN AND X-RAY EXAM  
OF WELDS WERE ACCEPTED. BODY TO BONNET FASTENERS WERE REPLACED.

Ref. JO:C24817-1 & 11

FILE:2-WCR-958

ISI:2

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/2, 19 94  
 Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-1-94 to 11-16-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 16 19 94



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-13-94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2  
Name  
One Cook Place, Bridgman, MI 49106 C25993-1 2-SV-1A-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 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-1A-2	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
DISC	DRESSER INDUSTRIES	N/A	N/A	ASTM A-565 GRADE 616 M&E30037728 ASP#16182	N/A	REPLACE- MENT	NO

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

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



## FORM NIS-2 (Back)

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

Ref. JO: C25993-1

File: 2-SV-1A-2

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/2, 19 94  
 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 7-13-94 to 11-16-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. J. Matisoff Commissions Michigan, End NEI  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 16 19 94



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-07-94  
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 C26042-4 2-QMO-225  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-QMO-225	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
VALVE PLUG	VELAN INC.	N/A	N/A	STELLITE #6 ME#30043945 ASP#15711	N/A	REPLACE- MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks VALVE PLUG WAS REPLACED DUE TO CRACK INDICATIONS FOUND DURING  
Applicable Manufacturer's Data Reports to be attached

PT EXAM. THE VALE PLUG WAS CRACKED DUE TO OVERTHRUSTING OF VALVE  
DURING M.O.V. TESTING.

Ref. JO: C26042-4

File: 2-OMO-225

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/2, 1994  
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 10-2-94 to 11-16-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mark Whitersbaugh  
 Inspector's Signature

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

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 16 1994



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-07-94  
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 C26053-3 2-QMO-226  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-QMO-226	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
VALVE PLUG	VELAN INC.	N/A	N/A	STELLITE #6 ME#30043945 ASP#15711	N/A	REPLACE- MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks VALVE PLUG WAS REPLACED DUE TO CRACK INDICATIONS FOUND DURING  
Applicable Manufacturer's Data Reports to be attached

PT EXAM. THE VALE PLUG WAS CRACKED DUE TO OVERTHRUSTING OF VALVE  
DURING M.O.V. TESTING.

Ref. JO: C26053-3

File: 2-OMO-226

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/2, 19 94  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

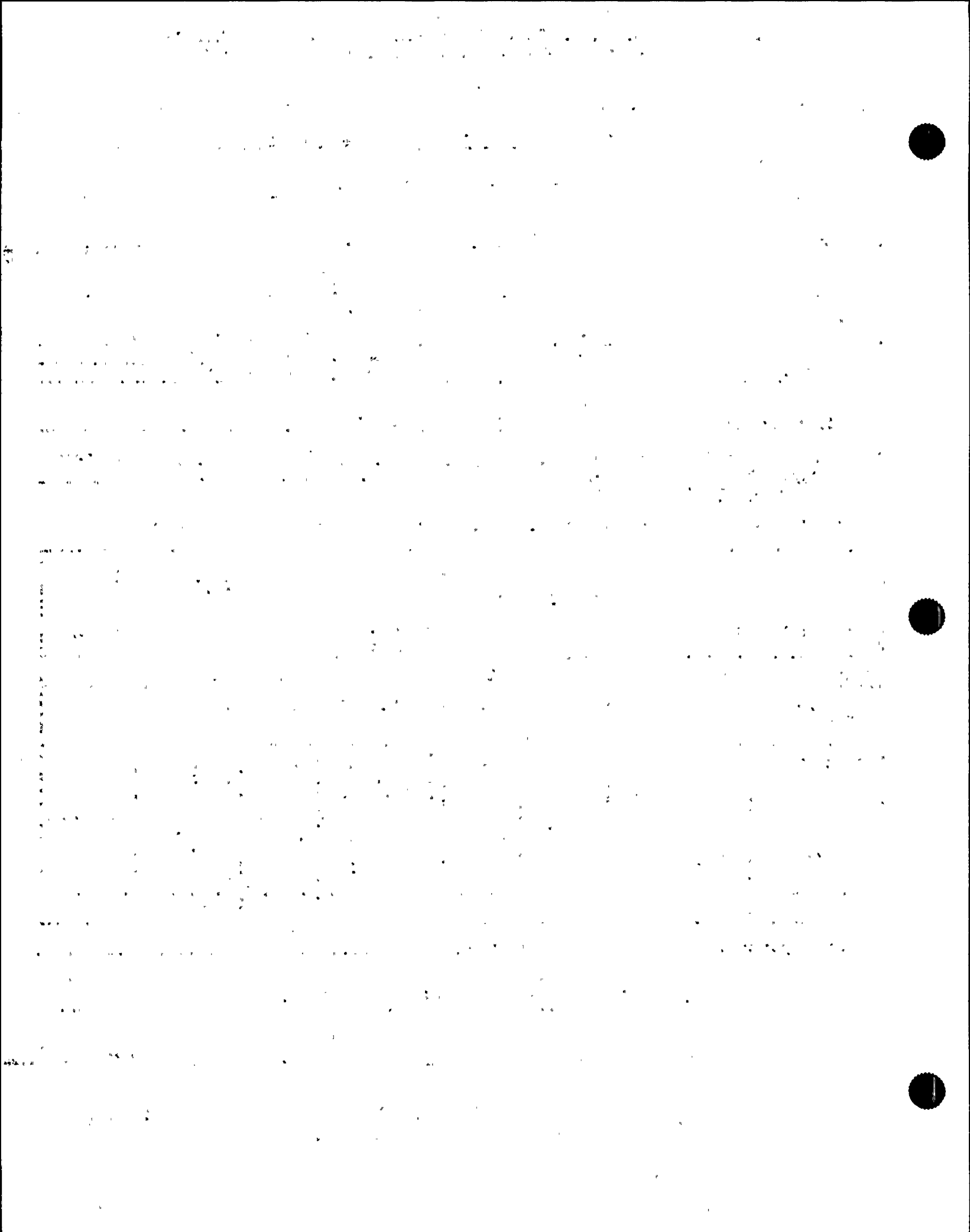
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-2-94 to 11-16-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. [Signature] Commissions MICH 0055, END NIT  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 16 19 94



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-01-94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2  
Name  
One Cook Place, Bridgman, MI 49106 C26158-2 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. 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-460	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
EXISTING BONNET	NELES-JAMESBURY VALVES	N/A	N/A	CAST STEEL	N/A	REPAIRED MACHINED	NO
VALVE PLUG	NELES-JAMESBURY	N/A	N/A	ASTM A-582 TYPE 416 ME#30041007 ASP#16206	N/A	REPLACE-MENT	NO
BONNET TO BODY STUD: 5/8" ALL THREAD	CONSOLIDATED POWER SUPPLY	N/A	N/A	ASME SA-193 GRADE B7 ME#30028965 ASP#13558	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks BONNET GASKET SEATING SURFACES WERE MACHINED PER MANUFACTURES  
Applicable Manufacturer's Data Reports to be attached

DRAWING AND PT EXAM WAS ACCEPTABLE. PLUG WAS REPLACED DUE TO  
NORMAL WEAR, BODY TO BONNET STUD WAS MISPLACED AND REPLACED.

Ref. JO: C26158-2

File: 2-CCR-460

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/27, 1994  
 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 10-5-94 to 10-28-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date October 28 1994

\*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 10-04-94  
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 C26162-2 2-CCR-462  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System COMPONENT 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	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
EXISTING BONNET	NELES-JAMESBURY VALVES	N/A	N/A	CAST STEEL	N/A	REPAIRED MACHINED	NO

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

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



## FORM NIS-2 (Back)

9. Remarks BONNET GASKET SEATING SURFACES WERE MACHINED PER MANUFACTURES  
Applicable Manufacturer's Data Reports to be attached

DRAWING AND PT EXAM WAS ACCEPTABLE. PLUG WAS NOT REPLACED AS

STATED ON R/R TRAVELR WRITTEN ON 09-19-94. TRAVELER NOT USED

Ref. JO: C26162-2

File: 2-CCR-462

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/27, 19 94  
 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 10-4-94 to 10-28-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Christopher Commissions Mich 0553, END NIS-I  
 Inspector's Signature National Board, State, Province, Endorsements

Date October 28 19 94

\*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 10-15-94  
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 C26408-2, 2-OME-3-3  
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 STEAM GENERATING
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-OME-3-3 STEAM GENERATOR	WESTINGHOUSE ELECTRIC CO.	N/A	N/A	N/A	N/A	REPAIRED	NO
MANWAY	WESTINGHOUSE ELECTRIC CO.	N/A	N/A	ASTM A-508 CLASS 2A	N/A	REPAIRED MACHINED	NO
MANWAY COVER	WESTINGHOUSE ELECTRIC CO.	N/A	N/A	SA-516 GRADE 70	N/A	REPAIRED MACHINED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ Other ☐ MT 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 GASKET SEATING SURFACES OF MANWAY AND MANWAY COVER  
Applicable Manufacturer's Data Reports to be attached  
TO REMOVE PITTED AREAS. MAGNETIC PARTICLE EXAMS WERE PERFORMED  
ON ALL MACHINED AREAS AND ACCEPTED.  
Ref. JO: C26408-2 File: 2-OME-3-3 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/4, 1994  
 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 10/12/94 to 11/10/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date November 16 1994

\*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 10-13-94  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2  
Name  
One Cook Place, Bridgman, MI 49106 C26430-7, 2-CCM-458  
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-CCM-458	HENRY PRATT CO.	N/A	N/A	M&E30042965 ASP#14138	N/A	REPLACE-MENT	NO
BOLTS	NORTH CENTRAL FASTENERS	N/A	N/A	ASME SA-193 GRADE B7 M&E30046430 ASP# 3693	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks VALVE REPLACEMENT PARTS ARE NOT AVAILABLE, REPLACED VALVE AND  
Applicable Manufacturer's Data Reports to be attached

BOLTS.

Ref. JO: C26430-7

File: 2-CCM-458

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 4/14, 1994  
 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 10-12-94 to 12-1-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. R. Winter  
 Inspector's Signature

Commissions MICHIGAN, ENDET.  
 National Board, State, Province, Endorsements

Date December 1, 1994

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-98

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/25/94  
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 J.O. C26434-05  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address

4. Identification of System STEAM GENERATOR  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-OME-3-3							
1 7/8" STUD ASSY.	N/A	N/A	N/A	MANWAY STUD 3CL13 SA-193 B7 ASP-15386	N/A	REPLACE- MENT	NO
1 7/8" NUT & WASHERS	N/A	N/A	N/A	MANWAY STUD 3HL13 SA-193 B7 ASP-15386	N/A	REPLACE- MENT	NO

7. Description of Work REPLACE (1) STEAM GENERATOR MANWAY 7/8" STUD, NUT AND WASHER. REPLACE PRIMARY MANWAY FOR SG #23 PER PROCEDURE \*\*2MHP 5021.002.005

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure  psig 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 VERIFIED THAT NO FOREIGN MATERIALS ENTERED THE HOT OR THE  
Applicable Manufacturer's Data Reports to be attached
- COLD LEGS / MAINTAINED LEVEL I CLEANLINESS. CHASED #13 BOLT
- HOLE PRIOR TO REPLACING STUD. ISI CLASS I J.O. C26434-05

## 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 [Signature] FIELD ENGINEER Date 11/8, 19 94  
 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 11/30/94 to       , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] - Commissions which pass, EN/NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date November 30 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-10-94  
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 C26497-3 2-QMO-201  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-QMO-201	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
WEDGE	VELAN INC.	N/A	N/A	ASME SA-182 GRADE 316 STELLITE #6 M&E30044145 ASP#16278	N/A	REPLACE- MENT	NO
3/4" STUDS ALL THREAD	CARDINAL INDUSTRIAL PRODUCTS	N/A	N/A	ASME SA-453 GRADE 660 ME#30212295 ASP#16300	N/A	REPLACE- MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED WEDGE AND BODY TO BONNET STUDS, PRIOR TO INSTALLATION  
Applicable Manufacturer's Data Reports to be attached

WEDGE WAS MACHINED TO ASSURE PROPER FIT.

Ref. JO: C26497-3

File: 2-QMO-201

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994  
 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 12-11-94 to 12-2-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]  
 Inspector's Signature

Commissions MICHIGAN, ENR 1972  
 National Board, State, Province, Endorsements

Date December 2 19 94

\*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 10-16-94  
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 C26507-1, 2-GFW-S873  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GFW-S873	GRINNELL	N/A	N/A	SNUBBER M&E30024691 ASP#14705	N/A	REPLACE- MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED SNUBBER DUE TO CRACKED RESERVOIR.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C26507-1

File:2-GFW-S873

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/28, 1994  
 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 10-10-94 to 12-15-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mike Matusz Commissions Michigan, ENPNEI  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 15 1994

\*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 10-15-94  
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 C26508-1 2-QCR-301  
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-QCR-301	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
TRIM ASSEMBLY	COPESE-VULCAN INC.	N/A	N/A	ASTM A-479 TYPE 410 M&E30036070 ASP#17064	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)

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

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

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



## FORM NIS-2 (Back)

9. Remarks TRIM ASSEMBLY WAS ORIGINALLY REPLACED ON 10-04-94 PER  
Applicable Manufacturer's Data Reports to be attached

JOB ORDER R26084-1. DURING REASSEMBLING AND TESTING PLUG WAS  
ROTATED WHILE SEATED AGAINST THE SEAT RING, THIS GALLED THE  
SEATING SURFACES. REPLACED TRIM ASSEMBLY AGAIN PER C26508-1.

Ref. JO:C26508-1

File: 2-OCR-301

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/8, 1994  
 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 10-5-94 to 1-3-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. H. H. H. H. H.  
 Inspector's Signature

Commissions MICH 0055, ENGR'G  
 National Board, State, Province, Endorsements

Date JANUARY 3 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-23-94  
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 C26546-1 SEE REMARKS  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
8" PIPE DOWNSTREAM OF 2-SI-151E	N/A	N/A	N/A	SA-376 TYPE 304	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 REMOVED ARC STRIKE BY FILING AND PT EXAM OF AREA WAS ACCEPTED.  
Applicable Manufacturer's Data Reports to be attached

ARC STRIKE WAS LOCATED APP. 20' DOWNSTREAM OF 2-SI-151E ON  
THE 8" LINE.

Ref. JO: C26546-1

File: 2-SI-151E

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/2, 19 94  
 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 10-11-94 to 11-16-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date November 16 19 94

\*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 10-15-94  
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 C26590-3, 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  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-QMO-200	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
WEDGE	VELAN INC.	N/A	N/A	ASME SA-182 GRADE 316 STELLITE #6 M&E30044145 ASP#17168	N/A	REPLACE- MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED WEDGE, PRIOR TO INSTALLATION WEDGE WAS MACHINED TO  
Applicable Manufacturer's Data Reports to be attached

ASSURE PROPER FIT. PT EXAM WAS PERFORMED ON MACHINED SURFACES  
AND ACCEPTED.

Ref. JO: C26590-3

File: 2-QMO-200

ISI:1

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor  
 Owner or Owner's Designee, Title

Date 12/1, 1994

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-14-94 to 1-3-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

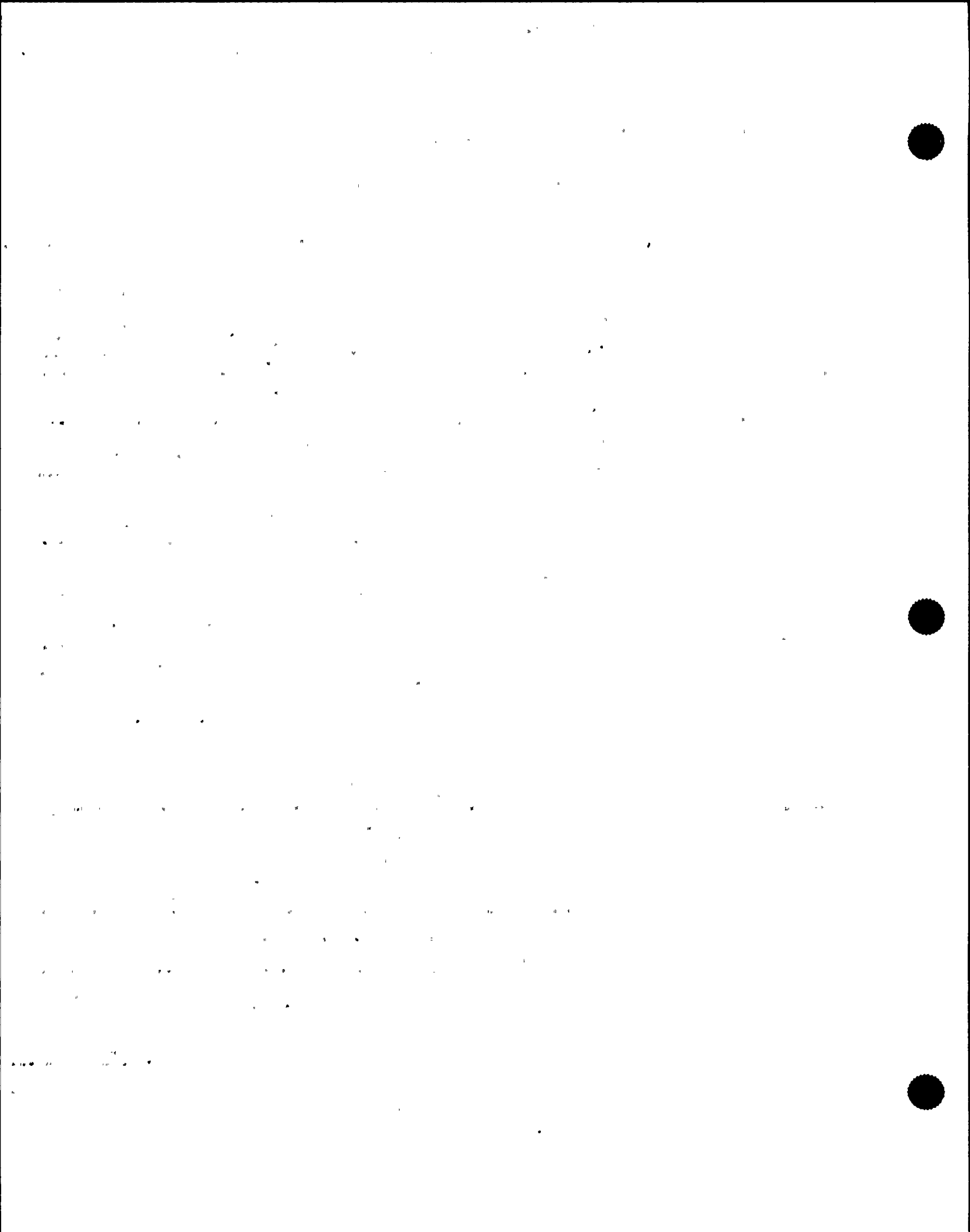
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury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

Mr. M. H. H. H.  
 Inspector's Signature

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

Date January 3 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 10-31-94  
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 C26852-1, 2-OMO-420  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System BORON MAKEUP (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-QMO-420	INVENTORY MANAGEMENT CORP.	1164	N/A	ASME SA-182 TYPE F316 M&E30043630 ASP#15936	N/A	REPLACE-MENT	NO
2" SCH.40 PIPE	CHICAGO MECHANICAL INC.	N/A	N/A	A-312 TYPE 304 M&E30016711 ASP# 13597	1989	REPLACE-MENT	NO
90° 3000# ELBOW	RADNOR ALLOYS INC.	N/A	N/A	ASME SA-182 TYPE F304 ME#30016998 ASP#15045	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other ☐ PT Pressure 188 psi Test Temp. AMBIENT °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 AND FITTINGS.  
Applicable Manufacturer's Data Reports to be attached

HYDRO. AND PT EXAM WAS PERFORMED ON ALL WELDS AND ACCEPTED.

Ref. JO: C26852-1

File: 2-OMO-420

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 1/13, 1995  
Owner or Owner's Designee, Title

# CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10/31/94 to 1/10/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Matusz Commissions MICHIGAN, ENDET  
Inspector's Signature National Board, State, Province, Endorsements

Date January 16 1995

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

2370-99

**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 11/28/94  
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 J.O. C27211-04  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System STEAM GENERATOR  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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)
SG # 23							
1-7/8" X 16.11" MANWAY CLOSURE STUDS	N/A	MA-49767-9	N/A	SA193 Gr.B7 ASP-15386	N/A	REPLACE-MENT	NO
1-7/8" MANWAY CLOSURE NUTS	N/A	MA-49767-9	N/A	SA194 Gr. 7 ASP-15386	N/A	REPLACE-MENT	NO
MANWAY CLOSURE SPHERICAL WASHERS UPPER & LOWER	N/A	MA-49767-9	N/A	SA-194 Gr. 7 ASP-15386	N/A	REPLACE-MENT	NO

7. Description of Work REPLACE 1-7/8 DIA. MANWAY STUD, NUT AND WASHERS IN STUD HOLE NUMBER 14 FOR STEAM GENERATOR # 23.

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 ASME CLASS I / ISI CLASS I J.O. C27211 A04  
Applicable Manufacturer's Data Reports to be attached

REPLACED 1-7/8" STUD, NUT & WASHER IN SG#23 MANWAY

UNIQUE ID NUMBER 23HL-14 / SERIAL NUMBER MA-49767-9

## 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 C. J. Van der Pijl Field Engineer Date 12/14, 19 94  
 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 1-4-95 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Whitcomb Commissions MICH 0255 E&I N&T  
 Inspector's Signature National Board, State, Province, Endorsements

Date January 4 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-100

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/05/94  
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 J.O. R9655-05  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System PRESSURIZER  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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							
6 X 6 SAFETY VLV	CROSBY	N56499 00-0001	N/A	STYLE HB-86-BP	N/A	REPLACED	NO
6 X 6 SAFETY VLV	CROSBY	RV-1-8010B	N/A	STYLE HB-86-BP	N/A	REPLACE-MENT	NO
1"X 6 1/2" STUD BOLTS	N/A	N/A	N/A	SA453-GR660 ASP17328	N/A	REPLACE-MENT	NO

7. Description of Work REMOVE THE EXISTING 2-SV-45A SAFETY VALVE FOR SET-POINT TESTING AND REPLACE WITH THE SPARE VALVE PER \*\*12 MHP 5021.001.092

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

NIS94

## FORM NIS-2 (Back)

9. Remarks REPLACED ALL OUTLET FLANGE STUDS (A193 B8) WITH SA453 GR660  
Applicable Manufacturer's Data Reports to be attached
- ALSO REPLACED THE INLET STUDS WITH SA453 GR660 STUDS. PERFORMED  
VT-1, VT-2 & LEAKAGE INSPECTIONS AND THESE WERE FOUND TO BE  
ACCEPTABLE.
- ASME CLASS I / ISI CLASS I J.O. R9655-05

## 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 C. Van R. FIELD ENGINEER Date 12/5, 19 94  
 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 1-4-95 to       , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mike W. [Signature] Commissions Michigan, END NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date January 4 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-102

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/05/94  
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 J.O. R9656-05  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System PRESSURIZER  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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							
6 X 6 SAFETY VLV	CROSBY	RV-2-8010C	N/A	STYLE HB-86-BP	N/A	REPLACED	NO
6 X 6 SAFETY VLV	CROSBY	RV-2-8010B	N/A	STYLE HB-86-BP	N/A	REPLACE-MENT	NO
1"X 6 1/2" STUD BOLTS	N/A	N/A	N/A	SA453-GR660 ASP17328	N/A	REPLACE-MENT	NO
1 3/8"X11" STUD BOLTS	N/A	N/A	N/A	SA453-GR660 ASP-13508	N/A	REPLACE-MENT	NO

7. Description of Work REMOVE THE EXISTING 2-SV-45C SAFETY VALVE FOR SET-POINT TESTING AND REPLACE WITH THE SPARE VALVE PER \*\*12 MHP 5021.001.092

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ X
- 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 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/05/94  
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 J.O. R9659-05  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Authorization No. 0290-V  
Address Expiration Date 12/31/94
4. Identification of System PRESSURIZER
- \* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1" HEAVY HEX NUTS	N/A	N/A	N/A	SA194-GR8F ASP-117394	N/A	REPLACE-MENT	NO

7. Description of Work SEE PAGE 1 FOR DESCRIPTION ( THIS PAGE FOR ADDITIONAL COMPONENTS ONLY ). J.O. R9656-05

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ X
- N/A ☐ Other Pressure \_\_\_\_\_ psig 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.

NIS94

## FORM NIS-2 (Back)

9. Remarks REPLACED ALL OUTLET FLANGE STUDS (A193 B8) WITH SA453 GR660  
Applicable Manufacturer's Data Reports to be attached
- ALSO REPLACED THE INLET STUDS WITH SA453 GR660 STUDS. PERFORMED  
VT-1, VT-2 & LEAKAGE INSPECTIONS AND THESE WERE FOUND TO BE  
ACCEPTABLE.
- ASME CLASS I / ISI CLASS I J.O. R9656-05

## 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 [Signature] Field Engineer Date 12/5, 19 94  
 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 1-4-95 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions Michigan, EN, I, N, T  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date JANUARY 4 19 95



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-17-94  
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 R12537-1, 2-MSS-1  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-MSS-1	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
TAPERED LOAD PIN	GRINNELL CORP.	N/A	N/A	SA-193 GRADE B7 M&E30024975 ASP#10364	N/A	REPLACE- MENT	

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

Ref. JO: R12537-1

File: 2-MSS-1

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 19 94  
 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 10/17/94 to 12/02/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. [Signature] Commissions Mich 2055, EN. D.H.E.  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 2, 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



2370-101

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/05/94  
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 J.O. R22608-06  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
2830 PARKWAY ST. LAKE LAND, FL. 33811 Expiration Date 12/31/94  
Address
4. Identification of System PRESSURIZER  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISI  
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
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-SV-45B							
6 X 6 SAFETY VLV	CROSBY	N56499 01-0007	N/A	STYLE HB-86-BP	N/A	REPLACED	NO
6 X 6 SAFETY VLV	CROSBY	RV-1-8010A	N/A	STYLE HB-86-BP	N/A	REPLACE-MENT	NO
1"X 6 1/2" STUD BOLTS	N/A	N/A	N/A	SA453-GR660 ASP17328	N/A	REPLACE-MENT	NO

7. Description of Work REMOVE THE EXISTING 2-SV-45B SAFETY VALVE FOR SET-POINT TESTING AND REPLACE WITH THE SPARE VALVE PER \*\*12 MHP 5021.001.092

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

NIS94

## FORM NIS-2 (Back)

9. Remarks REPLACED ALL OUTLET FLANGE STUDS (A193 B8) WITH SA453 GR660  
Applicable Manufacturer's Data Reports to be attached
- ALSO REPLACED THE INLET STUDS WITH SA453 GR660 STUDS. PERFORMED  
VT-1, VT-2 & LEAKAGE INSPECTIONS AND THESE WERE FOUND TO BE  
ACCEPTABLE.
- ASME CLASS I / ISI CLASS I J.O. R22608-06

## 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 [Signature] FIELD ENGINEER Date 12/5, 19 94  
 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 1-4-95 to       , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions MICH 0055 ENGINEER  
 Inspector's Signature National Board, State, Province, Endorsements

Date JANUARY 4 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-07-94  
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 R22733-1, 2-GRC-S555  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GRC-S555	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
TAPERED LOAD PIN	GRINNELL CORP.	N/A	N/A	SA-193 GRADE B7 M&E30024975 ASP#10364	N/A	REPLACE- MENT	

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

Ref. JO: R22733-1

File: 2-GRC-S555

ISI:1

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994  
 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 10-10-94 to 12-2-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.R. McIntire Commissions Michigan, ENR NSE  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 2 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-22-94  
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 R22843-1, 2-GBD-S568  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GBD-S568	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
TAPERED LOAD PIN	GRINNELL CORP.	N/A	N/A	SA-193 GRADE B7 M&E30024975 ASP#10364	N/A	REPLACE- MENT	

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

Ref. JO: R22843-1

File: 2-GBD-S568

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 1994  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-22-94 to 12-2-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]  
 Inspector's Signature

Commissions Mich 2055, ENR N&E  
 National Board, State, Province, Endorsements

Date December 2, 19 94

\*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 10-14-94  
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 R24359-1, 2-MSS-7  
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 PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-MSS-7	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
LOAD PIN	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASTM A-194 GRADE 7 M&E30046553 ASP# 9861	1987	REPLACE-MENT	NO
NUT	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	ASME SA-194 GRADE 2H M&E30211925 ASP#15333	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks FABRICATED A NEW LOAD PIN FROM 1-1/4" BOLT, ALSO REPLACED  
Applicable Manufacturer's Data Reports to be attached

NUT.

Ref. JO: R24359-1

File: 2-MSS-7

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/3, 1994  
 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 10-25-94 to 1-3-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. H. H. H. H. Commissions MICHOSS, EN. J. N. E. I.  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date January 3 1995

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-16-94  
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 R25802-02, 2-CTS-103W  
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-CTS-103W	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
NUTS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASTM A-194 GRADE 8F M&E30046903 ASP#14876	1990	REPLACE- MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks BODY TO BONNET NUTS WERE NOT CONSISTENT, SOME WERE STANDARD  
Applicable Manufacturer's Data Reports to be attached

AND SOME WERE HEAVY HEX NUT. REPLACED ALL BODY TO BONNET NUTS

ALSO CUT TWO BODY TO BONNET STUDS TO PROPER LENGHT.

Ref. JO:R25802-2

File: 2-CTS-103W

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/21, 1994  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-22-94 to 10-28-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Michigan, EN D N E I  
 National Board, State, Province, Endorsements

Date October 28 19 94

\*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 10-13-94  
Name \_\_\_\_\_
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address \_\_\_\_\_
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2  
Name \_\_\_\_\_
- One Cook Place, Bridgman, MI 49106 R25813-3, 2-FW-118-4  
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 Replaced or Replacement	ASME Code Stamped (Yes or No)
2-FW-118-4	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUDS	CARDINAL INDUSTRIAL PRODUCTS	N/A	N/A	ASME SA-193 GRADE B7 M&E30029939 ASP#13033 & M&E30211475 ASP#17165	N/A	REPLACE-MENT	NO
NUTS	CARDINAL INDUSTRIAL PRODUCTS	N/A	N/A	ASME SA-194 GRADE 2H M&E30029939 ASP#13033 & M&E30046640 ASP#12730	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)

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

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

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

## FORM NIS-2 (Back)

9. Remarks REPLACED BODY TO BONNET STUDS AND NUTS DUE TO NORMAL WEAR.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R25813-3

File: 2-FW-118-4

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky Date 11/14, 1994  
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 10-14-94 to 12-9-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. [Signature] Commissions Michigan, ENR/NE  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 9 1994

\*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 10-07-94  
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 R25826-1, 2-SV-52  
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-SV-52	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
ALL THREAD STUDS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASME A-453 GRADE 660 ME30-029999 ASP#15076	1986	REPLACE-MENT	NO
NUTS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASME SA-194 GRADE 8F ME30-046902 ASP#15012	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED UNIDENTIFIABLE BOLTING WITH NEW STUDS AND NUTS ON  
Applicable Manufacturer's Data Reports to be attached

OUTLET FLANGE CONNECTION.

Ref. JO: R25826-01

File:2-SV-52

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky for Maint. Eng. Supervisor Date 10/27/94, 1994  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-22-94 to 10-23-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Mutesaugh Commissions Mich MASS, ENR NFI  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date October 28 1994



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-22-94  
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 R25831-5, 2-SV-107  
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)
<sup>107</sup> 2-SV-207 <i>RLW</i>	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
ALL THREAD STUD	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASTM A-453 GRADE 660 M&E30029999 ASP#15076	1992	REPLACE- MENT	NO
NUTS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASME SA-194 GRADE 8F M&E30046902 ASP#15012	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)

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

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

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

## FORM NIS-2 (Back)

9. Remarks REPLACED UNIDENTIFIABLE BOLTING MATERIAL.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R25831-5

File: 2-SV-107

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky Date 11/20, 1994  
 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 7-20-94 to 12-15-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.E. Whittemore Commissions MICHIGAN, END N.E.I.  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date December 15 1994



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-25-94  
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 R25994-2, 2-DCR-310  
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
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-DCR-310	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
PLUG	NELES JAMESBURY	N/A	N/A	ASTM A-582 TYPE 416 M&E30040938 ASP#14557	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)

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

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

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

## FORM NIS-2 (Back)

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

Ref. JO:R25994-2

File: 2-DCR-310

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 4/14, 1994  
 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 10/25/94 to 12-1-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. R. Winterhough Commissions Mich 0055, EN & NBI  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 1 1994

\*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 10-24-94  
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 R26005-2, 2-DCR-330  
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
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-DCR-330 BODY & BONNET	N/A	N/A	N/A	BODY SA-217 GRADE C5 BONNET SA-182 GRADE F5A	N/A	REPAIRED MACHINED	NO
PLUG	NELES JAMESBURY	N/A	N/A	ASTM A-582 TYPE 416 M&E30040938 ASP#14557	<del>N/A</del> <sup>m</sup> /99/	REPLACE-MENT	NO
BONNET BOLTING MATERIAL	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	STUD SA-193 GRADE B7 NUT SA-194 GRADE 2H M&E30028942 ASP#14688	N/A	REPLACE-MENT	NO
CAGE	NELES JAMESBURY	N/A	N/A	ASTM A-564 GRADE 630 M&E30040730 ASP#13822	1987	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☒ VT2 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 VALVE BODY AND BONNET GASKET SEATING SURFACES TO REMOVE  
Applicable Manufacturer's Data Reports to be attached

PITTING.PT EXAM.WAS PREFORMED ON SEATING SURFACES AN ACCEPTED.

REPLACE PLUG AND CAGE DUE TO STEAM CUTS. ALSO REPLACED BODY TO

BONNET FASTENERS.

Ref. JO:R26005-2

File: 2-DCR-330

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/20, 1994  
 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 10-5-94 to 1-6-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mike Winterpugh  
 Inspector's Signature

Commissions Mich 0055, ENDET  
 National Board, State, Province, Endorsements

Date January 6 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-29-94  
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 R26006-2, 2-DCR-320  
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 Address \_\_\_\_\_ Expiration Date N/A
4. Identification of System BLOWDOWN
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-DCR-320	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
PLUG	NELES JAMESBURY	N/A	N/A	ASTM A-582 TYPE 416 M&E30040938 ASP#14557	1991	REPLACE- MENT	NO
BONNET	NELES JAMESBURY	N/A	N/A	ASME SA-182 GRADE F5A M&E30040710 ASP#17154	1992	REPLACE- MENT	NO
BONNET TO BODY BOLT WITH NUT	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	STUD SA-193 GRADE B7 NUT SA-194 GRADE 2H M&E30028942 ASP#14688	N/A	REPLACE- MENT	NO

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

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

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FORM NIS-2 (Back)

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

CUTS. ALSO REPLACED BROKEN BODY TO BONNET FASTENERS.

Ref. JO:R26006-2

File: 2-DCR-320

ISI:2

# CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12/8, 1994  
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 10-25-74 to 1-3-75, 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 MICH 0055, ENL N&I  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date JANUARY 3 19 95

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10 KRW 01-04-94  
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 R26084-1 2-QCR-301  
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-QCR-301	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
TRIM ASSEMBLY	COPESE-VULCAN INC.	N/A	N/A	ASTM A-479 TYPE 410 M&E30036070 ASP#16770	N/A	REPLACE-MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks VALVE CAGE AND PLUG ARE PITTED, REPLACED TRIM  
Applicable Manufacturer's Data Reports to be attached

ASSEMBLY CONSISTING OF (1) CAGE, (1) PIN, (1) PLUG, AND (1) STEM.

Ref. JO:R26084-1

File: 2-OCR-301

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky for Maint. Eng. Supervisor Date 11/14, 1994  
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 10/5/94 to 12-02-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date December 2 1994



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-27-94  
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 R26086-2 2-QRV-51  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-QRV-51	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
TRIM ASSEMBLY	COPEES-VULCAN INC.	N/A	N/A	ASME SA-564 GRADE 630 M&E30036072 ASP#13329	N/A	REPLACE- MENT	NO

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

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

## FORM NIS-2 (Back)

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

Ref. JO:R26086-2

File: 2-ORV-51

ISI:1

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 3-2-, 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 1/12/94 to 3-2-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. A. [Signature]  
 Inspector's Signature

Commissions Mich 2035, EN 2N11

National Board, State, Province, Endorsements

Date March 2 19 95

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-13-04  
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 R26087-9 2-MRV-212  
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-212	FISHER	N/A	N/A	N/A	N/A	REPAIRED	NO
EXISTING PLUG & SEAT RING	FISHER	N/A	N/A	ASTM A-582 TYPE 416	N/A	REPAIRED MACHINED	NO

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

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

## FORM NIS-2 (Back)

9. Remarks MACHINED APPROX. .004 OFF PLUG AND SEAT RING TO REMOVE NORMAL  
Applicable Manufacturer's Data Reports to be attached

PITTING AND STEAM CUTS. PT EXAM OF MACHINED AREAS WAS PERFORMED  
AND ACCEPTED.

Ref. JO: R26087-9

File:2-MRV-212

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/2, 1994  
 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 10-11-94 to 11-16-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MTA [Signature]  
 Inspector's Signature

Commissions Mich 0055, EN IN I

National Board, State, Province, Endorsements

Date November 16 1994

\*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 10-13-04  
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 R26088-9 2-MRV-211  
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	FISHER	N/A	N/A	N/A	N/A	REPAIRED	NO
EXISTING PLUG & SEAT RING	FISHER	N/A	N/A	ASTM A-582 TYPE 416	N/A	REPAIRED MACHINED	NO

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

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



## FORM NIS-2 (Back)

9. Remarks MACHINED APPROX. .004 OFF PLUG AND SEAT RING TO REMOVE NORMAL  
Applicable Manufacturer's Data Reports to be attached

PITTING AND STEAM CUTS. PT EXAM OF MACHINED AREAS WAS PERFORMED  
AND ACCEPTED.

Ref. JO: R26088-9

File:2-MRV-211

ISI:2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 4/2, 1994  
 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 10-1-94 to 11-16-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. J. [Signature] Commissions Mich 6255. ENDR  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 16 1994

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-23-94  
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 R26093-9 2-MRV-232  
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-232	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
PLUG	FISHER CONTROLS	N/A	N/A	ASTM A-582 TP.S41600 M&E30040005 ASP#12623	N/A	REPLACE- MENT	NO

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

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

## FORM NIS-2 (Back)

9. Remarks REPAVED PLUG DUE TO STEAM CUT.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R26093-9

File: 2-MRV-232

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/27, 1994  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-27-94 to 10-27-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. H. H. H. H. H. Commissions Michigan, END NIS  
 Inspector's Signature National Board, State, Province, Endorsements

Date October 25 1994

\*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 10-11-94  
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 R26094-9 2-MRV-231  
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-231	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
PLUG & PLUG ASSEMBLY	FISHER CONTROLS	N/A	N/A	ASTM A-582 TP.S41600 M&E30040005 ASP#15863	N/A	REPLACE- MENT	NO
SEAT RING	FISHER CONTROLS	N/A	N/A	ASTM A-582 TP. S41600 ASP#12803	N/A	REPLACE- MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPAVED PLUG AND SEAT RING DUE TO STEAM CUTS.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R26094-9

File: 2-MRV-231

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 19 94  
 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 10-11-94 to 12-1-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.R. Fitzgerald Commissions Mich 0055, ENR N.E.  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date December 1, 19 94



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-11-94  
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 R26095-9 2-MRV-222  
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-222	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
PLUG & STEM ASSEMBLY	FISHER CONTROLS	N/A	N/A	ASTM A-582 TP.S41600 M&E30040005 ASP#15863	N/A	REPLACE- MENT	NO
SEAT RING	FISHER CONTROLS	N/A	N/A	ASTM A-582 TP. S41600 ASP#12803	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)

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

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

## FORM NIS-2 (Back)

9. Remarks REPAVED PLUG AND SEAT RING DUE TO STEAM CUTS.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R26095-9

File: 2-MRV-222

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 19 94  
 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 10/11/94 to 12-2-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Christopher L. Nichols Commissions Michigan, EN-2NTE  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 2 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-27-94  
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 R27507-4, 2-CS-451-2  
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 REACTOR COOLANT PUMP SEAL WATER INJECTION/LEAKOFF
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-CS-451-2	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUDS 1" ALL THREAD	CARDINAL INDUSTRIAL PRODUCTS	N/A	N/A	SA-453 GRADE 660 M&E30029996 ASP#17328	N/A	REPLACE-MENT	NO
NUTS	TEXAS BOLT CO.	N/A	N/A	SA-194 GRADE 8F M&E30046905 ASP#3855	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)

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

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED UNIDENTIFIABLE FASTENER MATERIAL.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R27507-4

File: 2-CS-451-2

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky for Date 11/14, 1994  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-25-94 to 12-15-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. [Signature]  
Inspector's Signature

Commissions Mich 0055, ENCL NEE

National Board, State, Province, Endorsements

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date December 15 19 94



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-28-94  
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 R27508-4, 2-CS-451-3  
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 REACTOR COOLANT PUMP SEAL WATER INJECTION/LEAKOFF
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case. \_\_\_\_\_  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-CS-451-3	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUDS 1" ALL THREAD	CARDINAL INDUSTRIAL PRODUCTS	N/A	N/A	SA-453 GRADE 660 M&E30029996 ASP#17328	N/A	REPLACE-MENT	NO
NUTS	TEXAS BOLT CO.	N/A	N/A	SA-194 GRADE 8F M&E30046905 ASP#3855	N/A	REPLACE-MENT	NO

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

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

## FORM NIS-2 (Back)

9. Remarks REPLACED UNIDENTIFIABLE FASTENER MATERIAL.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R27508-4

File: 2-CS-451-3

ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 4/14, 1994  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-25-94 to 12-15-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. R. Wintermaugh  
 Inspector's Signature

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

Date December 15 1994

\*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-22-94  
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 R29750-9, 2-SV-52  
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-SV-52	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
ALL THREAD STUDS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASME A-453 GRADE 660 ME30-029999 ASP#15076	1986	REPLACE- MENT	NO
NUTS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASME SA-194 GRADE 8F ME30-046902 ASP#15012	N/A	REPLACE- MENT	NO

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED UNIDENTIFIABLE BOLTING WITH NEW STUDS AND NUTS ON  
Applicable Manufacturer's Data Reports to be attached  
INLET FLANGE CONNECTION.

Ref. JO: R29750-09 File:2-SV-52

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10/27, 1994  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-22-94 to 10-27-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mike Petersen Commissions Mich 0055, ENR NEI  
 Inspector's Signature National Board, State, Province, Endorsements

Date October 28 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09-19-94  
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 R31309-2, 2-SI-101  
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 REFUELING WATER STORAGE TANK SUPPLY
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-SI-101	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
DISC	WALWORTH CO.	N/A	N/A	ASTM A-351 GRADE CF8 M&E30033681 ASP#3201			

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

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



## FORM NIS-2 (Back)

9. Remarks REPLACED DISC DUE TO CHATTER MARKS.Applicable Manufacturer's Data Reports to be attachedRef. JO: R31309-2File:2-SI-101ISI:2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 11/14, 19 94  
 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 7/23/94 to 12/9/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Frank Pisarsky Commissions Mich 0255-ENGNET  
 Inspector's Signature National Board, State, Province, Endorsements

Date December 9 19 94

\*FACTORY MUTUAL ENGINEERING ASSOCIATION

