

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

Report of Inservice Inspections
From October 29, 1992 to May 29, 1994

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INDIANA MICHIGAN POWER COMPANY
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INTRODUCTION

This report summarizes the Inservice Inspection activities performed at the Cook Nuclear Plant, Unit 1, for the period of October 29, 1992 through May 29, 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 (October 28, 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 INSPECTIONS

As required by the Provisions of the ASME Code Rules

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Combustion Engineering	CE 66105	M 96762 M	20761
Reactor Head	Combustion Engineering	CE 66105	M 96762 M	20761
Pressurizer	Westinghouse	1131	M 96763 M	6849
Steam Generator 1-1	Westinghouse	1121	M 96764 M	6831
Steam Generator 1-2	Westinghouse	1122	M 96765 M	6832
Steam Generator 1-3	Westinghouse	1123	M 96766 M	6833
Steam Generator 1-4	Westinghouse	1124	M 96767 M	6834
Reactor Coolant Pump 1-1	Westinghouse	RCPCPX-01	N/A	N/A
Reactor Coolant Pump 1-2	Westinghouse	RCPCPX-02	N/A	N/A
Reactor Coolant Pump 1-3	Westinghouse	RCPCPX-03	N/A	N/A
Reactor Coolant Pump 1-4	Westinghouse	RCPCPX-04	N/A	N/A
Regenerative Heat Exc.	Westinghouse	1831-6	-	426,427,428
Chem. & Volume Control Tank	Joseph Oats & Sons, Inc.	1787-3A	-	375
Resd. Heat Removal Heat Exc. West	Engineers & Fabricators, Inc.	S-15586-B	-	-
Boron Injection Tank	Struthers-Wells Corp.	Spin No. AEP-SIATB1-01	-	13342

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (back)

8. Examination Dates 10/29/92 to 05/29/94 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.

Date Aug 23 19 94 Signed I&M Power Company By Ed Fur
Owner

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

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Michigan and employed by Arkwright Mut. Ins. Co. * of Norwood, Mass. have inspected the components described in this Owners' Data Report during the period 10/29/92 to 5/29/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI.

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

Date August 25 19 94 * FACTORY MUTUAL ENGINEERING ASSOCIATION
Michael R. Muterspaugh Commissions Michigan 0055 ENDORSEMENTS N.E.T.
Inspector's Signature National Board, State, Province and No.

INDIANA MICHIGAN POWER COMPANY
COOK NUCLEAR PLANT, BRIDGMAN MI.
UNIT 1 COMMERCIAL SERVICE DATE 8-23-1975
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EXAMINATION OF CLASS 1 AND CLASS 2 COMPONENTS

Inservice examinations were performed during the period of October 29, 1992 through May 29, 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 1. This is the currently approved ISI examination plan, which identifies specific activities to be performed on a refueling outage basis.

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

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

IMP personnel performed VT-3/VT-4 visual examinations on ISI component supports. Design sketch nonconformances and other discrepancies found were evaluated by AEPSC Nuclear Engineering 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.

DATE: 08/01/94
REVISION: 0

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

PAGE: 1

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

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

						CALIBRATION BLOCK

CLOSURE HEAD MERIDIONAL WELDS (FIG NO A-2)

001700	1-M-04 MERIDIONAL WELD AT 180 DEG.	B-A B1.22	UTOL	DCC-UT150/2/0/0	X - -	SWRI - LIMITED EXAM DUE TO CRDM SHROUD.
			UTOW		X - -	EXAMINED 100% OF ACCESSIBLE LENGTH
			UT45		X - -	(31.75").
			UT45T		X - -	
			UT60		X - -	**RV-2**
			UT60T		X - -	

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

002700	1-C-01 HEAD TO FLANGE	B-A B1.40	HT	DCC-HT1/0/0/0	X - -	SWRI - EXAMINED 33% OF WELD LENGTH FROM
			UTOL	DCC-UT150/2/0/0	X - -	STUD HOLE 37 TO STUD HOLE 1. LIMITED
			UTOW		X - -	EXAM DUE TO FLANGE CONFIGURATION.
			UT45		X - -	
			UT45T		X - -	**RV-2**
			UT60		X - -	
			UT60T		X - -	

CLOSURE STUDS

005900	1-RPV-STUD 1 THROUGH 54	B-G-1	HT	DCC-HT2/0/0/0	- - X	SWRI - EXAMINED 33%(18 STUDS). STUD NOS.
		B6.30	UT60	DCC-UT18/2/0/0	X - -	28 THROUGH 45 EXAMINED. HT INDICATIONS
			UT88		X - -	ON STUDS 33, 34, 35, 38, AND 41 WERE TOOL MARKS AND EVALUATED TO BE NONRELEVANT. SEE CNF NO. 4. **3378037 (UNIT-1 RPV STUD)**

CLOSURE NUTS

006000	1-RPV-NUT 1 THROUGH 54	B-G-1 B6.10	HT	DCC-HT2/0/0/0 ---	X - -	SWRI - EXAMINED 33%. CLOSURE NUT NOS. 28 THROUGH 45 EXAMINED.
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CLOSURE WASHERS

006200	1-RPV-WASHER 1 THROUGH 54	B-G-1	HT	DCC-HT2/0/0/0	X - -	SWRI - EXAMINED 33% (18 WASHERS).
		B6.50	VT-1	DCC-VT7/0/0/0	- - X	CLOSURE WASHERS NOS. 28 THROUGH 45 EXAMINED. VT EXAMINATION OF WASHERS 28,29,31, AND 44 REVEALED PITTING AND DENTS WHICH WERE DETERMINED NOT TO BE DETRIMENTAL TO FUTURE SERVICE. SEE CNF NO. 3.

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REACTOR PRESSURE VESSEL AND CLOSURE HEAD

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

RPV FLANGE THREADS

006300	1-RPV-FLANGE THREADS 1 THROUGH 54	B-G-1 B6.40	UTO	DCC-UT5/2/0/1	X - -	SWRI - EXAMINED 33% (18) OF THE FLANGE THREADS, 36 THROUGH 1. EXAMINED 98% OF THE CODE REQUIRED VOLUME DUE TO INSTALLED PLUGS. **3378037 (UNIT-1 RPV STUD)**
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DATE: 08/01/94
REVISION: 0

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

PAGE: 3

PRESSURIZER

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

NOZZLE INSIDE RADIUS SECTIONS (FIG NO A-4)

009900	4"-1-RC-10-IRS	B-D	UT17	DCC-UT11/1/0/1	X - -	SWRI
	SPRAY NOZZLE	B3.120				

IR-CSCL-24-DCC

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

011300	1-PRZ-24	B-F	PT	DCC-PT1/0/0/0	X - -	SWRI - AUGMENTED EXAM USING 45 DEG.
	NOZZLE TO SAFE-END	B5.40	UT45	DCC-UT31/1/0/3	X - -	REFRACTED LONGITUDINAL WAVE IN RESPONSE
			UT45T	& 5	X - -	TO NRC I.N. 90-30.
			UT45TAN		X - -	
			UT45RL		X - -	**3378027. (4-SS-120-.430)**
			UT45RLT		X - -	
			UT45RLTAN		X - -	

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COOK NUCLEAR PLANT UNIT 1

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTSSTEAM GENERATOR NO. 13

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

NOZZLE INSIDE RADIUS SECTIONS (FIG NO A-5)

014100	STM-13-I-IRS	B-D	UT35	DCC-UT11/1/0/1	X - -	SWRI - LIMITED EXAM DUE TO PERMANENT SUPPORT AND WELDED PADS.
	INLET NOZZLE INSIDE RADIUS SECTION	B3.140				

IR-CSCL-24-DCC

014200	STM-13-O-IRS	B-D	UT35	DCC-UT11/1/0/1	X - -	SWRI - LIMITED EXAM DUE TO PERMANENT SUPPORT AND WELDED PADS.
	OUTLET NOZZLE INSIDE RADIUS SECTION	B3.140				

IR-CSCL-24-DCC

NOZZLE TO ELBOW AND ELBOW TO NOZZLE WELDS (FIG NO A-5)

014300	STM-13-02	B-F	PT	DCC-PT1/0/0/0	X - -	SWRI - LIMITED EXAM FROM THE NOZZLE SIDE
	INLET NOZZLE TO ELBOW	B5.70	UT45RL	DCC-UT33/1/0/1	X - -	DUE TO NOZZLE CONFIGURATION.
			UT45RLT		X - -	
			UT45RLTAN		X - -	

3378033 (MAIN RPV COOLANT)

014350	STM-13-03	B-F	PT	DCC-PT1/0/0/0	X - -	SWRI - LIMITED EXAM FROM THE NOZZLE SIDE
	OUTLET NOZZLE TO ELBOW	B5.70	UT45RL	DCC-UT33/1/0/1	X - -	DUE TO NOZZLE CONFIGURATION.
			UT45RLT		X - -	
			UT45RLTAN		X - -	

3378033 (MAIN RPV COOLANT)

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

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STEAM GENERATOR NO. 14

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

NOZZLE INSIDE RADIUS SECTIONS (FIG NO A-5)

015000	STM-14-I-IRS	B-D	UT35	DCC-UT11/1/0/1	X	-	-	SWRI - LIMITED EXAM DUE TO PERMANENT SUPPORT AND WELDED PADS.
	INLET NOZZLE INSIDE RADIUS	B3.140						
	SECTION							

IR-CSCL-24-DCC

015100	STM-14-O-IRS	B-D	UT35	DCC-UT11/1/0/1	X	-	-	SWRI - LIMITED EXAM DUE TO PERMANENT SUPPORT AND WELDED PADS.
	OUTLET NOZZLE INSIDE RADIUS	B3.140						
	SECTION							

IR-CSCL-24-DCC

INDIANA MICHIGAN POWER COMPANY
D.C. COOK NUCLEAR PLANT, BRIDGEMAN, MI
UNIT 1 COMMERCIAL SERVICE DATE 8-23-1975
NATIONAL IDENTIFICATION NUMBER 20761

DATE: 08/01/94
REVISION: 0

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

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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 M R			REMARKS
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LINE 1-RC-2 (FIG NO A-7A)

023800	1-RC-2-24N 3-IN. NOZZLE (BRANCH CONNECTION)	B-J B9.32	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
024200	1-RC-2-12FLU-1 LONGITUDINAL SEAM	B-J B9.12	PT UT45RL UT45RLT UT45RLTAN	DCC-PT1/0/0/0 DCC-UT33/1/0/1	X	-	-	SWRI **37-CCSS-X-3.0-9-DCC**
024300	1-RC-2-12FLU-0 LONGITUDINAL SEAM	B-J B9.12	PT UT45RL UT45RLT UT45RLTAN	DCC-PT1/0/0/0 DCC-UT33/1/0/1	X	-	-	SWRI **37-CCSS-X-3.0-9-DCC**

LINE 1-RC-3 (FIG NO A-8B)

027200	1-RC-3-20F PUMP TO PIPE	B-J B9.11	PT UT45RL UT45RLT UT45RLTAN	DCC-PT1/0/0/0 DCC-UT33/1/0/1	X	-	-	SWRI - NO EXAM FROM THE PUMP SIDE DUE TO THE PUMP CONFIGURATION. **37-CCSS-X-3.0-9-DCC**
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LINE 1-RC-4 (FIG NO A-9B)

030500	1-RC-4-60N 1-1/2-IN. NOZZLE (BRANCH CONNECTION)	B-J B9.32	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
030600	1-RC-4-27S PIPE TO PIPE	B-J B9.11	PT UT45RL UT45RLT UT45RLTAN	DCC-PT1/0/0/0 DCC-UT33/1/0/1	X	-	-	SWRI **37-CCSS-X-3.0-9-DCC**

EDIANA MICHIGAN POWER COMPANY
D.C. COOK NUCLEAR PLANT, BRIDGMAN, MI
UNIT 1 COMMERCIAL SERVICE DATE 8-23-1975
NATIONAL ROAD NUMBER 20761

DATE: 08/01/94
REVISION: 0

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

PAGE: 7

REACTOR COOLANT SYSTEM

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

LINE 1-RC-6 (FIG NO A-11A)

032400	1-RC-6-12S-A	B-J	PT	12SHP505ONDE001	X	-	-	J.O. C17069/05
	BRANCH CONNECTION TO PIPE	B9.21						

LINE 1-RC-6 (FIG NO A-11B)

034800	1-RC-6-34F	B-J	PT	12SHP505ONDE001	X	-	-	J.O. C17069/05
	VALVE TO PIPE	B9.21						

LINE 1-RC-7 (FIG NO A-12)

035300	1-RC-7-03S	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/3	-	X	-	
			UT45T		X	-	-	
			UT45TAN		X	-	-	

***3378028 (6-SS-160-.71)**

035800	1-RC-7-09S	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI - LIMITED EXAM FROM THE DOWNSTREAM
	PIPE TO FLANGE	B9.11	UT45	DCC-UT31/1/0/3	-	X	-	SIDE DUE TO FLANGE CONFIGURATION.
			UT45T		X	-	-	
			UT45TAN		X	-	-	

***3378028 (6-SS-160-.71)**

LINE 1-RC-8 (FIG NO A-13)

036100	1-RC-8-02S	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/3	X	-	-	
			UT45T		X	-	-	
			UT45TAN		X	-	-	

***3378028 (6-SS-160-.71)**

036300	1-RC-8-04S	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/3	X	-	-	
			UT45T		X	-	-	
			UT45TAN		X	-	-	

***3378028 (6-SS-160-.71)**

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



DATE: 08/01/94
REVISION: 0

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

PAGE: 8

REACTOR COOLANT SYSTEM

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

<u>LINE 1-RC-9 (FIG NO A-14)</u>							
037500	1-RC-9-08S ELBOW TO PIPE	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
		B9.11	UT45	DCC-UT31/1/0/3	X	-	
			UT45T		X	-	
			UT45TAN		X	-	
							3378028 (6-SS-160-.71)
<u>LINE 1-RC-10 (FIG NO A-15)</u>							
038400	1-RC-10-07S PIPE TO TEE	B-J	UT45	DCC-UT31/1/0/1	X	-	SWRI - AUGMENTED EXAM FOR NRCB 88-08.
		B9.11	UT45T	& 3	X	-	
			UT45TAN		X	-	
			UT60		X	-	
							3378027 (4-SS-120-.430)
038500	1-RC-10-08F TEE TO PIPE	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI - AUGMENTED EXAM FOR NRCB 88-08.
		B9.11	UT45	DCC-UT31/1/0/1	X	-	
			UT45T	& 3	X	-	
			UT45TAN		X	-	
							3378027 (4-SS-120-.430)
038600	1-RC-10-09F TEE TO PIPE	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI - AUGMENTED EXAM FOR NRCB 88-08.
		B9.11	UT45	DCC-UT31/1/0/1	X	-	
			UT45T	& 3	X	-	
			UT45TAN		X	-	
							3378027 (4-SS-120-.430)
038700	1-RC-10-10S PIPE TO ELBOW	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI - AUGMENTED EXAM FOR NRCB 88-08.
		B9.11	UT45	DCC-UT31/1/0/1	X	-	
			UT45T	& 3	X	-	
			UT45TAN		X	-	
							3378027 (4-SS-120-.430)
038800	1-RC-10-11S ELBOW TO PIPE	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
		B9.11	UT45	DCC-UT31/1/0/3	X	-	
			UT45T		X	-	
			UT45TAN		X	-	

3378027 (4-SS-120-.430)

ARMED MICHIGAN POWER COMPANY
D.C. COOK NUCLEAR PLANT, BRIDGMAN, MI
UNIT 1 COMMERCIAL SERVICE DATE 8-23-1975
NATIONAL P.O. BOX NUMBER 20761

DATE: 08/01/94
REVISION: 0

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

PAGE: 9

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T R E H E O E C M R	REMARKS **CALIBRATION BLOCK**
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LINE 1-RC-10 (FIG NO A-15A)

042400	1-RC-10-35S	B-J	PT	DCC-PT1/0/0/0	X - -	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/3	X - -	
			UT45T		X - -	
			UT45TAN		X - -	
						3378027 (4-SS-120-.430)

LINE 1-RC-11 (FIG NO A-16)

044000	1-RC-11-14F	B-J	PT	DCC-PT1/0/0/0	X - -	SWRI - NO EXAMINATION FROM THE
	ELBOW TO VALVE	B9.11	UT45	DCC-UT31/1/0/3	X - -	DOWNSTREAM SIDE DUE TO VALVE
			UT45T		X - -	CONFIGURATION.
			UT45TAN		X - -	
			UT60		X - -	**3378027 (4-SS-120-.430)**

044900	1-RC-11-23S	B-J	PT	DCC-PT1/0/0/0	X - -	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/3	X - -	
			UT45T		X - -	
			UT45TAN		X - -	
						3378027 (4-SS-120-.430)

LINE 1-RC-12 (FIG NO A-17)

046000	1-RC-12-15S	B-J	PT	DCC-PT1/0/0/0	X - -	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/3	X - -	
			UT45T		X - -	
			UT45TAN		X - -	
						3378027 (4-SS-120-.430)

LINE 1-RC-14 (FIG NO A-19A)

051500	1-RC-14-13S	B-J	PT	12SHP5050NDE001	X - -	J.O. C17069/05
	PIPE TO FLANGE	B9.21				

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

LINE 1-RC-14 (FIG NO A-19A)

051550	1-RC-14-13S-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12SHP5050NDE006	X	-	-	J.O. C17069/05
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051600	1-RC-14-16S FLANGE TO PIPE	B-J B9.21	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
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051900	1-RC-14-17S PIPE TO ELBOW	B-J B9.21	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
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052000	1-RC-14-18S ELBOW TO PIPE	B-J B9.21	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
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LINE 1-RC-15 (FIG NO A-20)

053300	1-RC-15-01S-A PIPE TO PIPE	B-J B9.21	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
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053400	1-RC-15-02S PIPE TO ELBOW	B-J B9.21	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
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053500	1-RC-15-03S ELBOW TO PIPE	B-J B9.21	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
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053900	1-RC-15-05F PIPE TO VALVE	B-J B9.21	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
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SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION	ASHE SEC. XI CATGY EXAM ITEM NO METHOD PROCEDURE	N O O G T R E H E O E C H R	REMARKS
<u>LINE 1-RC-15 (FIG NO A-20)</u>			
054000 1-RC-15-06F VALVE TO PIPE	B-J PT B9.21	12SHP5050NDE001 X - -	J.O. C17069/05
<u>LINE 1-RC-501 (FIG NO A-22)</u>			
060800 1-RC-501-12F PIPE TO TEE	B-J PT B9.40	12SHP5050NDE001 X - -	J.O. C17069/05
<u>LINE 1-RC-506 (FIG NO A-25)</u>			
068900 1-RC-506-16S PIPE TO TEE	B-J PT B9.40	12SHP5050NDE001 X - -	J.O. C17069/05
069000 1-RC-506-17S TEE TO REDUCER	B-J PT B9.40	12SHP5050NDE001 X - -	J.O. C17069/05
069100 1-RC-506-18S TEE TO PIPE	B-J PT B9.40	12SHP5050NDE001 X - -	J.O. C17069/05
069200 1-RC-506-19S PIPE TO MANIFOLD	B-J PT B9.40	12SHP5050NDE001 X - -	J.O. C17069/05
069300 1-RC-506-20S MANIFOLD TO PIPE	B-J PT B9.40	12SHP5050NDE001 X - -	J.O. C17069/05

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME	EXAM METHOD	PROCEDURE	N	O	REMARKS
		SEC. XI CATGY ITEM NO			G	T	
					E	O	
					C	H	**CALIBRATION BLOCK**
<u>LINE 1-RC-506 (FIG NO A-25)</u>							
069400	1-RC-506-21S PIPE TO ELBOW	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05
069500	1-RC-506-22S ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05
<u>LINE 1-RC-507 (FIG NO A-26)</u>							
071800	1-RC-507-06S CROSS TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05
071900	1-RC-507-07S PIPE TO ELBOW	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05
072000	1-RC-507-08F ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05
072100	1-RC-507-09S PIPE TO VALVE	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05
072200	1-RC-507-10S VALVE TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05
<u>LINE 1-RC-508 (FIG NO A-27)</u>							
076400	1-RC-508-17S PIPE TO ELBOW	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05

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

LINE 1-RC-508 (FIG NO A-27)

076500	1-RC-508-18S	B-J	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
	ELBOW TO PIPE	89.40						

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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
				CALIBRATION BLOCK

LINE 1-RC-508 (FIG NO A-27)

076600	1-RC-508-19S PIPE TO TEE	B-J B9.40	PT	12SHP5050NDE001	X - -	J.O. C17069/05
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077450	1-RC-508-27S-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12SHP5050NDE006	X - -	J.O. C17069/05
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077500	1-RC-508-28S TEE TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X - -	J.O. C17069/05
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077600	1-RC-508-29S PIPE TO MANIFOLD	B-J B9.40	PT	12SHP5050NDE001	X - -	J.O. C17069/05
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LINE 1-RC-509 (FIG NO A-28)

080300	1-RC-509-23F PIPE TO TEE	B-J B9.40	PT	12SHP5050NDE001	X - -	J.O. C17069/05
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080400	1-RC-509-24S TEE TO REDUCER	B-J B9.40	PT	12SHP5050NDE001	X - -	J.O. C17069/05
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080500	1-RC-509-25S TEE TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X - -	J.O. C17069/05
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080600	1-RC-509-26S PIPE TO ELBOW	B-J B9.40	PT	12SHP5050NDE001	X - -	J.O. C17069/05
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SUMMARY EXAMINATION AREA	ASME				N	O	
NUMBER IDENTIFICATION	SEC. XI	CATGY	EXAM		O	G	T
		ITEM NO	METHOD	PROCEDURE	R	E	H
					E	O	E
					C	M	R
							REMARKS
							CALIBRATION BLOCK

LINE 1-RC-509 (FIG NO A-28)

080700	1-RC-509-27S ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
080800	1-RC-509-28S PIPE TO FLANGE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
080850	1-RC-509-28S-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12SHP5050NDE006	X	-	-	J.O. C17069/05

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

<u>LINE 1-SI-21 (FIG NO A-31)</u>						
090800 1-SI-21-39S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI - LIMITED EXAM UPSTREAM SIDE DUE TO TEE CONFIGURATION.
TEE TO REDUCER	B9.11	UT45	DCC-UT31/1/0/3	-	X	
		UT45T		X	-	
		UT45TAN		X	-	
						3378029 (8-SS-140-.81)
<u>LINE 1-SI-22 (FIG NO A-32)</u>						
091300 1-SI-22-03S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/3	X	-	
		UT45T		X	-	
		UT45TAN		X	-	
						3378028 (6-SS-160-.71)
<u>LINE 1-SI-23 (FIG NO A-33)</u>						
093200 1-SI-23-02F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
ELBOW TO ELBOW	B9.11	UT45	DCC-UT31/1/0/3	-	X	
		UT45T		X	-	
		UT45TAN		X	-	
						3378028 (6-SS-160-.71)
093700 1-SI-23-07S	B-J	PT	DCC-PT1/0/0/0	-	-	SWRI - PT INDICATIONS WERE WITHIN ALLOWABLE STANDARDS OF SECTION XI, TABLE INB-3514-2.
ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/3	X	-	
		UT45T		X	-	
		UT45TAN		X	-	
						3378028 (6-SS-160-.71)
<u>LINE 1-SI-25 (FIG NO A-34)</u>						
096900 1-SI-25-34S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
REDUCER TO PIPE	B9.11	UT45	DCC-UT31/1/0/3	X	-	
		UT45T		X	-	
		UT45TAN		X	-	
						3378028 (6-SS-160-.71)

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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
<u>LINE 1-SI-25 (FIG NO A-34)</u>							
097000	1-SI-25-35F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/3	-	X	
			UT45T		X	-	
			UT45TAN		X	-	
							3378028 (6-SS-160-.71)
<u>LINE 1-SI-27 (FIG NO A-36)</u>							
099100	1-SI-27-06F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/3	X	-	
			UT45T		X	-	
			UT45TAN		X	-	
							3378028 (6-SS-160-.71)
<u>LINE 1-SI-29 (FIG NO A-37)</u>							
100900	1-SI-29-03S-HL	B-K-1	PT	12SHP5050NDE001	X	-	J.O. C17069/05
	HANGER LUG	B10.10					
101500	1-SI-29-09S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/3	X	-	
			UT45T		X	-	
			UT45TAN		X	-	
			UT60		X	-	**3378030 (10-SS-140-1.0)**
102000	1-SI-29-14F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI - LIMITED EXAM DUE TO I-BEAM
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/3	X	-	ADJACENT TO WELD.
			UT45T		X	-	
			UT45TAN		X	-	
							3378030 (10-SS-140-1.0)
103000	1-SI-29-26F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI - NO EXAMINATION FROM THE
	ELBOW TO BRANCH CONNECTION	B9.11	UT45	DCC-UT31/1/0/3	X	-	DOWNSIDE DUE TO BRANCH CONNECTION
			UT45T		X	-	CONFIGURATION.
			UT45TAN		X	-	
							3378030 (10-SS-140-1.0)

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		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 1-SI-31 (FIG NO A-38)</u>							
103400	1-SI-31-02S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	TEE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/3	X	-	
			UT45T		X	-	
			UT45TAN		X	-	
			UT60		X	-	**3378030 (10-SS-140-1.0)**
104400	1-SI-31-11F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/3	X	-	
			UT45T		X	-	
			UT45TAN		X	-	
			UT60		X	-	**3378030 (10-SS-140-1.0)**
105100	1-SI-31-19S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	PIPE TO PIPE	B9.11	UT45	DCC-UT31/1/0/3	-	X	
			UT45T		X	-	
			UT45TAN		X	-	
							3378030 (10-SS-140-1.0)
<u>LINE 1-SI-33 (FIG NO A-39)</u>							
107700	1-SI-33-14S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/3	-	X	
			UT45T		X	-	
			UT45TAN		X	-	
			UT60		-	X	**3378030 (10-SS-140-1.0)**
109000	1-SI-33-28S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI - LIMITED EXAM FROM THE UPSTREAM
	REDUCER TO ELBOW	B9.11	UT45	DCC-UT31/1/0/3	-	X	SIDE DUE TO REDUCER CONFIGURATION.
			UT45T		X	-	
			UT45TAN		X	-	
							3378030 (10-SS-140-1.0)
<u>LINE 1-SI-35 (FIG NO A-40)</u>							
110300	1-SI-35-08S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/3	-	X	
			UT45T		X	-	
			UT45TAN		X	-	
							3378030 (10-SS-140-1.0)

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				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 1-SI-35 (FIG NO A-40)

112000	1-SI-35-23S REDUCER TO TEE	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI - NO EXAM DOWNSTREAM DUE TO TEE CONFIGURATION. **3378030 (10-SS-140-1.0)**
		B9.11	UT45	DCC-UT31/1/0/3	-	X	-	
			UT45T		X	-	-	
			UT45TAN		X	-	-	
			UT60		X	-	-	
112300	1-SI-35-26S ELBOW TO PIPE	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI **3378028 (6-SS-160-.71)**
		B9.11	UT45	DCC-UT31/1/0/3	-	X	-	
			UT45T		X	-	-	
			UT45TAN		X	-	-	

LINE 1-SI-545 (FIG NO A-41)

112800	1-SI-545-28S PIPE TO VALVE	B-J	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
		B9.40						
113400	1-SI-545-34S PIPE TO ELBOW	B-J	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
		B9.40						
114400	1-SI-545-44S PIPE TO ELBOW	B-J	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
		B9.40						
115700	1-SI-545-57S VALVE TO PIPE	B-J	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
		B9.40						

LINE 1-SI-546 (FIG NO A-42)

116700	1-SI-546-24F PIPE TO ELBOW	B-J	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05
		B9.40						

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		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 1-SI-546 (FIG NO A-42A)</u>							
118400	1-SI-546-39S ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05
119400	1-SI-546-47S ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05
<u>LINE 1-SI-548 (FIG NO A-43A)</u>							
121200	1-SI-548-35F ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05
121800	1-SI-548-41F ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05
<u>LINE 1-SI-549 (FIG NO A-44A)</u>							
125500	1-SI-549-53S-D PIPE TO ELBOW	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05
126200	1-SI-549-58S PIPE TO VALVE	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05
126400	1-SI-549-60S PIPE TO ELBOW	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. C17069/05

INDIANA MICHIGAN POWER COMPANY
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UNIT 1 COMMERCIAL SERVICE DATE 8-23-1975
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COOK NUCLEAR PLANT UNIT 1
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CLASS 1 COMPONENTS

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CHEMICAL AND VOLUME CONTROL SYSTEM

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

LINE 1-CS-92 (FIG NO A-45)

127100	1-CS-92-23F PIPE TO VALVE	B-J B9.21	PT	12SHP5050NDE001	X - -	J.O. C17069/05
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LINE 1-CS-99 (FIG NO A-48)

129500	1-CS-99-02S PIPE TO TEE	B-J B9.21	PT	12SHP5050NDE001	X - -	J.O. C17069/05
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129600	1-CS-99-03F PIPE TO PIPE	B-J B9.21	PT	12SHP5050NDE001	X - -	J.O. C17069/05
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LINE 1-CS-780 (FIG NO A-56)

140500	1-CS-780-06S PIPE TO ELBOW	B-J B9.40	PT	12SHP5050NDE001	X - -	J.O. C17069/05
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141000	1-CS-780-11F ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X - -	J.O. C17069/05
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COOK NUCLEAR PLANT UNIT 1
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RESIDUAL HEAT REMOVAL 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

<u>LINE 1-RH-27 (FIG NO A-57)</u>							
143500	1-RH-27-13F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	PIPE TO TEE	B9.11	UT45	DCC-UT31/1/0/3	-	X	
			UT45T		X	-	
			UT45TAN		X	-	
		3378029 (8-SS-140-.81)					
<u>LINE 1-RH-28 (FIG NO A-58)</u>							
143700	1-RH-28-01S-HL	B-K-1	PT	12SHP5050NDE001	-	-	X
	HANGER LUG	B10.10					J.O. C17069/05 - PT INDICATION FOUND TO
							BE WITHIN ALLOWABLE INDICATION STANDARDS
							PER INB-3516.1(A).
145100	1-RH-28-13S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/3	-	X	
			UT45T		X	-	
			UT45TAN		X	-	
			UT60		-	X	**3378032 (14-SS-160-1.40)**

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COOK NUCLEAR PLANT UNIT 1
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CLASS 1 COMPONENTS

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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
NUMBER	IDENTIFICATION				C	H	R
					REMARKS		
					CALIBRATION BLOCK		
<u>LINE 1-WD-640 (FIG NO A-60)</u>							
146100	1-WD-640-02S PIPE TO VALVE	B-J B9.40	PT	12SHP5050NDE001	X	-	- J.O. C17069/05
<u>LINE 1-WD-644 (FIG NO A-62)</u>							
147000	1-WD-644-01F BRANCH CONNECTION TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	- J.O. C17069/05
147300	1-WD-644-04S PIPE TO VALVE	B-J B9.40	PT	12SHP5050NDE001	X	-	- J.O. C17069/05
<u>LINE 1-WD-651 (FIG NO A-63)</u>							
147920	1-WD-651-02S PIPE TO VALVE	B-J B9.40	PT	12SHP5050NDE001	X	-	- J.O. C17069/05

INDIANA MICHIGAN POWER COMPANY
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OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

REACTOR COOLANT PUMP NO. 11

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	M	R
				REMARKS
				CALIBRATION BLOCK

PUMP FLYWHEEL (FIG NO A-64)

148600 FLYWHEEL -- UTO DCC-UT7/2/0/0 X - - SWRI - EXAMINED BORE AND KEYWAY AREA IN
(IN PLACE) RG1.14 PLACE.

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

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

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REACTOR COOLANT PUMP NO. 12

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

PUMP FLYWHEEL (FIG NO A-64)

149400	FLYWHEEL (IN PLACE)	--	UTO	DCC-UT7/2/0/0	X	-	-	SWRI - EXAMINED BORE AND KEYWAY AREA IN PLACE.
		RG1.14						**RC-FLYWHEEL-CS-31-DCC**

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

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REACTOR COOLANT PUMP NO. 13

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

SUPPORT COMPONENTS (FIG NO A-64)

149700	SUPPORT LUG NO. 1	B-K-1 B10.20	PT	12SHP505ONDE001	X	-	-	J.O. C17069/05
149800	SUPPORT LUG NO. 2	B-K-1 B10.20	PT	12SHP505ONDE001	X	-	-	J.O. C17069/05
149900	SUPPORT LUG NO. 3	B-K-1 B10.20	PT	12SHP505ONDE001	X	-	-	J.O. C17069/05

CIRCUMFERENTIAL WELDS (FIG NO A-64)

150000	PUMP CASING WELD	B-L-1 B12.10	VT-1	12SHP505ONDE006	X	-	-	J.O. C17069/05 - CODE CASE N-481 USED. SEE AEP:NRC:0969W.
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PUMP FLYWHEEL (FIG NO A-64)

150200	FLYWHEEL (IN PLACE)	-- RG1.14	UTO	DCC-UT7/2/0/0	X	-	-	SWRI - EXAMINED BORE AND KEYWAY AREA IN PLACE.
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RC-FLYWHEEL-CS-31-DCC

INDIANA MICHIGAN POWER COMPANY
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COOK NUCLEAR PLANT UNIT 1
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
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REACTOR COOLANT PUMP NO. 14

				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 (FIG NO A-64)

151000	FLYWHEEL (IN PLACE)	--	UTO	DCC-UT7/2/0/0	X	-	-	SWRI - EXAMINED BORE AND KEYWAY AREA IN PLACE. **RC-FLYWHEEL-CS-31-DCC**
		RG1.14						

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

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VALVE PRESSURE RETAINING BOLTING (2" AND LESS)

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

LINE 1-SI-27 (FIG NO A-36)

224600	SI-158-L4 FLANGE BOLTING	B-G-2 B7.70	VT-1	12SHP5050NDE006	X - -	J.O. C17069/05
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LINE 1-SI-68 (FIG NO A-37)

225750	SI-161-L1 FLANGE BOLTING	B-G-2 B7.70	VT-1	12SHP5050NDE006	- - X	J.O. C22164 - VALVE WAS DISASSEMBLED AND BOLTING WAS EXAMINED. ONE BOLT WAS DAMAGED DURING ASSEMBLY/DISASSEMBLY. BOLT WAS REPLACED AND PRESERVICE EXAM PERFORMED.
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LINE 1-RH-30 (FIG NO A-39)

226300	RH-134 FLANGE BOLTING	B-G-2 B7.70	VT-1	12SHP5050NDE006	X - -	J.O. C17069/05
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STEAM GENERATOR NO. 12

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

NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (FIG NO B-2)

300190	STM-12-MSN	C-B	UTOW	DCC-UT49/1/0/0	X	-	-	SWRI - EXAMINED UTOW ONLY. ANGLE BEAM
	SHELL TO NOZZLE	C2.21	UT	-				AND MT PERFORMED DURING 1992 REFUELING
								OUTAGE.
								PL-3.0-CS-22-DCC

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

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STEAM GENERATOR NO. 14

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

CIRCUMFERENTIAL WELDS (FIG NO B-4)

300360	STM-14-07	C-A	UTOL	DCC-UT49/1/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO INSULATION
	SHELL TO TRANSITION CONE	C1.10	UTOW		X	-	-	SUPPORT BRACKETS. UT35 USED TO AUGMENT
			UT35	DCC-UT15/2/0/1	-	X	-	EXAMINATION.
			UT45		X	-	-	
			UT45T		X	-	-	**PL-3.0-CS-22-DCC**
			UT60		X	-	-	
			UT60T		X	-	-	

NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (FIG NO B-4)

300400	STM-14-FWN	C-B	MT	DCC-MT1/0/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO PERMANENT
	NOZZLE TO SHELL	C2.21	UTOL	DCC-UT49/1/0/0	X	-	-	INSULATION SUPPORT BRACKETS.
			UTOW		X	-	-	
			UT45	DCC-UT15/2/0/1	X	-	-	
			UT45T		X	-	-	**PL-3.0-CS-22-DCC**
			UT60		X	-	-	
			UT60T		X	-	-	

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COOK NUCLEAR PLANT UNIT 1
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CLASS 2 COMPONENTS

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REGENERATIVE HEAT EXCHANGER

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
-----	-----	-----	-----	-----	-	-	-	-----

CIRCUMFERENTIAL WELDS (FIG NO B-5)

300520 RHE-1-26 CAP TO SHELL	C-A	UTOL	DCC-UT49/1/0/1	X - -	SWRI - LIMITED EXAM DUE TO BRANCH CONNECTION.
	C1.20	UT45RL	DCC-UT30/0/0/1	X - -	
		UT45RLT		X - -	
		UT45RLTAN		X - -	
					9.625-CCSS-X-1.0-2-DCC
300530 RHE-1-28 TUBE SHEET TO SHELL	C-A	UTOL	DCC-UT49/1/0/1	X - -	SWRI - LIMITED EXAM DUE TO BRANCH CONNECTION AND PERMANENT SUPPORT.
	C1.30	UT45RL	DCC-UT30/0/0/1	X - -	
		UT45RLT		X - -	
		UT45RLTAN		X - -	
					9.625-CCSS-X-1.0-2-DCC
300540 RHE-1-29 SHELL TO TUBE SHEET	C-A	UTOL	DCC-UT49/1/0/1	X - -	SWRI - LIMITED EXAM DUE TO BRANCH CONNECTION AND PERMANENT SUPPORT.
	C1.30	UT45RL	DCC-UT30/0/0/1	X - -	
		UT45RLT		X - -	
		UT45RLTAN		X - -	
					9.625-CCSS-X-1.0-2-DCC
300550 RHE-1-32 SHELL TO CAP	C-A	UTOL	DCC-UT49/1/0/1	X - -	SWRI - LIMITED EXAM DUE TO BRANCH CONNECTION.
	C1.20	UT45RL	DCC-UT30/0/0/1	X - -	
		UT45RLT		X - -	
					9.625-CCSS-X-1.0-2-DCC

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COOK NUCLEAR PLANT UNIT 1
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CHEMICAL AND VOLUME CONTROL TANK

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

INTEGRALLY WELDED VESSEL SUPPORTS (FIG NO B-6)

300730	1-CVCT-2VS-10, 11, & 12	C-C	PT	12SHP505ONDE001	X	-	-	J.O. C17217/07
		C3.10						

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COOK NUCLEAR PLANT UNIT 1

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTSRHR HEAT EXCHANGER WEST

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

CIRCUMFERENTIAL WELDS (FIG NO B-8A)

300830	W-RHRHEX-2	C-A	UTOL	DCC-UT49/1/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO SUPPORT PLATE AND CONCRETE SUPPORT.
	SHELL TO HEAD	C1.20	UT45	DCC-UT45/1/0/0	-	X	-	
			UT45T		X	-	-	
			UT45TAN		X	-	-	
			UT60		-	X	-	**PL-SS-1.0-27-DCC**
			UT60T		X	-	-	
			UT60TAN		X	-	-	

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CLASS 2 COMPONENTS

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BORON INJECTION TANK

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

INTEGRALLY WELDED VESSEL SUPPORTS (FIG NO B-9)

300940	1-BIT-VS-3	C-C	MT	12SHP5050NDE002	X	-	-	J.O. C17217/07
		C3.10						

ANA MICHIGAN POWER COMPANY
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EMERGENCY CORE COOLING SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T R E H E O E C H R			REMARKS **CALIBRATION BLOCK**
<u>LINE 1-SI-2 (FIG NO B-10)</u>								
301350	1-SI-2-31S ELBOW TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. C17217/07
<u>LINE 1-SI-3 (FIG NO B-11)</u>								
302080	1-SI-3-38F TEE TO TEE	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. C17217/07
<u>LINE 1-SI-4 (FIG NO B-12)</u>								
302300	1-SI-4-15S PIPE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. C17217/07
302350	1-SI-4-20S ELBOW TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. C17217/07
<u>LINE 1-SI-21 (FIG NO B-14)</u>								
302530	1-SI-21-02S ELBOW TO PIPE	C-F C5.21	PT UTOL UT45 UT45T UT45TAN	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X X X X X	- - - - -	- - - - -	SWRI **3378029 (8-SS-140-.81)**
302675	1-SI-21-16S-HL 1 THROUGH 4 HANGER LUG	C-C C3.20	PT	12SHP5050NDE001	X	-	-	J.O. C17069/05 - LIMITED EXAM DUE TO THE SUPPORT STRUCTURE. TWO OUT OF FOUR LUGS WERE EXAMINED.
302730	1-SI-21-22F ELBOW TO VALVE	C-F C5.21	PT UTOL UT45 UT45T UT45TAN	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X X X X X	- - - - -	- - - - -	SWRI - LIMITED EXAM DUE TO PROXIMITY OF PERMANENT PIPE RESTRAINT. **3378029 (8-SS-140-.81)**

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

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EMERGENCY CORE COOLING SYSTEM

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

LINE 1-SI-24 (FIG NO B-15)

302760	1-SI-24-03F	C-F	PT	DCC-PT1/0/0/0	X - -	SWRI
	ELBOW TO VALVE	C5.21	UTOL	DCC-UT49/1/0/1	X - -	
			UT45	DCC-UT31/1/0/3	X - -	
			UT45T		X - -	
			UT45TAN		X - -	**3378029 (8-SS-140-.81)**

LINE 1-SI-25 (FIG NO B-16)

303110	1-SI-25-18F	C-F	PT	DCC-PT1/0/0/0	X - -	SWRI
	PIPE TO ELBOW	C5.21	UTOL	DCC-UT49/1/0/1	X - -	
			UT45	DCC-UT31/1/0/3	X - -	
			UT45T		X - -	
			UT45TAN		X - -	**3378029 (8-SS-140-.81)**

LINE 1-SI-32 (FIG NO B-19)

303450	1-SI-32-02S	C-F	PT	12SHP5050NDE001	X - -	J.O. C17069/05
	PIPE TO ELBOW	C5.11				

LINE 1-SI-68 (FIG NO B-21)

303970	1-SI-68-22F	C-F	PT	DCC-PT1/0/0/0	X - -	SWRI - LIMITED EXAM FROM THE DOWNSTREAM
	PIPE TO VALVE	C5.21	UTOL	DCC-UT49/1/0/1	X - -	SIDE DUE TO VALVE CONFIGURATION.
			UT45	DCC-UT31/1/0/3	X - -	
			UT45T		X - -	
			UT45TAN		X - -	**3378028 (6-SS-160-.71)**

LINE 1-SI-69 (FIG NO B-22)

304020	1-SI-69-04S	C-F	PT	DCC-PT1/0/0/0	X - -	SWRI
	ELBOW TO PIPE	C5.21	UTOL	DCC-UT49/1/0/1	X - -	
			UT45	DCC-UT31/1/0/3	X - -	
			UT45T		X - -	
			UT45TAN		X - -	**3378028 (6-SS-160-.71)**

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EMERGENCY CORE COOLING SYSTEM

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

LINE 1-SI-70 (FIG NO B-23)

304220	1-SI-70-04S ELBOW TO PIPE	C-F	PT	DCC-PT1/0/0/0	X	-	-	SWRI
		C5.21	UTOL	DCC-UT49/1/0/1	X	-	-	
			UT45	DCC-UT31/1/0/3	X	-	-	
			UT45T		X	-	-	
			UT45TAN		X	-	-	**3378029 (8-SS-140-.81)**
304370	1-SI-70-18F PIPE TO ELBOW	C-F	PT	DCC-PT1/0/0/0	X	-	-	SWRI
		C5.21	UTOL	DCC-UT49/1/0/1	X	-	-	
			UT45	DCC-UT31/1/0/3	X	-	-	
			UT45T		X	-	-	
			UT45TAN		X	-	-	**3378028 (6-SS-160-.71)**

LINE 1-SI-71 (FIG NO B-24)

304460	1-SI-71-05F VALVE TO ELBOW	C-F	PT	DCC-PT1/0/0/0	X	-	-	SWRI
		C5.21	UTOL	DCC-UT49/1/0/1	X	-	-	
			UT45	DCC-UT31/1/0/3	X	-	-	
			UT45T		X	-	-	
			UT45TAN		X	-	-	**3378029 (8-SS-140-.81)**

LINE 1-RH-1 (FIG NO B-25)

304870	1-RH-1-11S ELBOW TO PIPE	C-F	PT	12SHP5050NDE001	X	-	-	J.O. C17217/07
		C5.11						
304945	1-RH-1-16F-PS PIPE SUPPORT	C-C	PT	12SHP5050NDE001	X	-	-	J.O. C17217/07
		C3.20						

LINE 1-RH-2 (FIG NO B-26)

305170	1-RH-2-07S PIPE TO ELBOW	C-F	PT	12SHP5050NDE001	X	-	-	J.O. C17217/07
		C5.11						

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SUMMARY EXAMINATION AREA		ASHE			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 1-RH-2 (FIG NO B-26)</u>							
305275	1-RH-2-15F-PS PIPE SUPPORT	C-C C3.20	PT	12SHP5050NDE001	X	-	-
J.O. C17217/07							
<u>LINE 1-RH-4 (FIG NO B-28)</u>							
305760	1-RH-4-10S ELBOW TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	-
J.O. C17217/07							
<u>LINE 1-RH-5 (FIG NO B-29)</u>							
305870	1-RH-5-02S REDUCER TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	-
J.O. C17217/07							
306090	1-RH-5-20S ELBOW TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	-
J.O. C17217/07							
<u>LINE 1-RH-6 (FIG NO B-30)</u>							
306460	1-RH-6-15S PIPE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	-
J.O. C17217/07							
<u>LINE 1-RH-11 (FIG NO B-35)</u>							
308100	1-RH-11-08S PIPE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	-
J.O. C17217/07							

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CHEMICAL AND VOLUME CONTROL SYSTEM

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

LINE 1-CS-35 (FIG NO B-40)

308750	1-CS-35-26F	C-F	PT	12SHP5050NDE001	X	-	-	J.O. C17217/07
	PIPE TO VALVE	C5.11						

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CONTAINMENT SPRAY PIPING

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

LINE 1-CTS-1 (FIG NO B-41)

308810	1-CTS-1-01F PUMP TO REDUCER	C-F CS.11	PT	12SHP505ONDE001	X	-	-	J.O. C17217/07
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LINE 1-CTS-4 (FIG NO B-44)

309830	1-CTS-4-05S TEE TO ELBOW	C-F CS.11	PT UTOL UT45 UT45T UT45TAN	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT35/2/0/0	X	-	-	SWRI
					X	-	-	
					X	-	-	
					X	-	-	
					X	-	-	**10-SS-40-.365-26-DCC**

309980	1-CTS-4-18S PIPE TO ELBOW	C-F CS.11	PT	12SHP505ONDE001	X	-	-	J.O. C17217/07
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LINE 1-CTS-5 (FIG NO B-45)

310290	1-CTS-5-16S FLANGE TO PIPE	C-F CS.11	PT	12SHP505ONDE001	X	-	-	J.O. C17217/07
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LINE 1-CTS-6 (FIG NO B-46)

310540	1-CTS-6-08S PIPE TO FLANGE	C-F CS.11	PT	12SHP505ONDE001	X	-	-	J.O. C17217/07
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FEEDWATER 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 1-FW-10 (FIG NO B-47)

310980 1-FW-10-22S-PS C-C MT 12SHP5050NDE002 X - - J.O. C17217/07
PIPE TO PENETRATION SEAL WELD C3.20

LINE 1-FW-12 (FIG NO B-49)

311240 1-FW-12-05S C-F MT DCC-MT1/0/0/0 X - - SWRI
ELBOW TO PIPE C5.21 UTOL DCC-U49/1/0/1 X - -
UT45 DCC-UT41/1/0/1 X - -
UT45T X - -
UT45TAN X - - **14-CS-80-.750-12-DCC**

LINE 1-FW-15 (FIG NO B-51)

311712 1-FW-15-08F-A C-F MT DCC-MT1/0/0/0 - - X SWRI - INSTALLATION WELDS FOR DESIGN
PIPE TO PIPE C5.21 UTOL DCC-UT49/1/0/1 X - - CHANGE 1-PH-1305. MT INDICATIONS ON
UT45 DCC-UT41/1/0/1 X - - REPLACEMENT PIPE WERE STRINGERS WHICH
UT45T X - - WERE REMOVED BY SURFACE CONDITIONING
WITH A FLAPPER WHEEL. REEXAMINATION
PERFORMED BY INP PERSONNEL. SEE CNF 05.
14-CS-80-.750-12-DCC

311718 1-FW-15-08F-B C-F MT DCC-MT1/0/0/0 - - X SWRI - INSTALLATION WELDS FOR DESIGN
PIPE TO PIPE C5.21 UTOL DCC-UT49/1/0/1 X - - CHANGE 1-PH-1305. MT INDICATIONS ON
UT45 DCC-UT41/1/0/1 X - - REPLACEMENT PIPE WERE STRINGERS WHICH
UT45T X - - WERE REMOVED BY SURFACE CONDITIONING
WITH A FLAPPER WHEEL. REEXAMINATION
PERFORMED BY INP PERSONNEL. SEE CNF 05.
14-CS-80-.750-12-DCC

LINE 1-FW-26 (FIG NO B-55)

312420 1-FW-26-05S C-F MT 12SHP5050NDE002 X - - J.O. C17217/07
PIPE TO ELBOW C5.11

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

312620	1-FW-27-03S	C-F	MT	12SHP5050NDE002	X	-	-	J.O. C17217/07
	PIPE TO TEE	C5.11						

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MAIN STEAM SYSTEM

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

LINE 1-MS-11 (FIG NO B-64)

314360	1-MS-11-08S	C-F	MT	DCC-MT1/0/0/0	-	-	X	SWRI - LIMITED EXAM DUE TO BRANCH
	PIPE TO CAP	CS.21	UTOL	DCC-UT49/1/0/1	X	-	-	CONNECTION. MT INDICATION WHICH EXCEEDED
			UT45	DCC-UT41/1/0/1	X	-	-	ALLOWABLE STANDARDS WAS EXAMINED AND
			UT45T		X	-	-	ACCEPTED BY UT IN ACCORDANCE WITH
			WSY-70		X	-	-	IWB-3514.2. AUGMENTED UT SIZING
			RTD-30		X	-	-	TECHNIQUES WERE ALSO USED ON THE MT
								INDICATION. SEE CNF 01.
								30-CS-X-1.00-38-DCC

LINE 1-MS-192 (FIG NO B-70)

315550	1-MS-192-05F	C-F	MT	12SHP5050NDE002	X	-	-	J.O. C17217/07
	PIPE TO ELBOW	CS.11						

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MAIN STEAM ISOLATION VALVE-LINE 1-MS-2

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

PRESSURE RETAINING BOLTING (>2") (FIG NO B-73, B-74)

317090	MSIV-MRV-210	C-D	UTO	DCC-UT36/0/0/0	X	-	-	SWRI - EXAMINED UPPER AND LOWER FLANGE BOLTING IN PLACE.
	FLANGE BOLTING	C4.40						
								2.75-S-8-CS-40-DCC

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CLASS 1 COMPONENTS

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REACTOR COOLANT SYSTEM

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

LINE 1-RC-6 (FIG NO A-11A)

609900	1-GRC-R-603 REV. 5	F-C	VT-3	12SHP5050NDE006	-	-	X	J.O. C17069/05 - CONDITION REPORT 94-0452; DESIGN/AS-FOUND DISCREPANCY. ACCEPTABLE PER AEPSC/NEDS.
	PIPE SUPPORT COMPONENTS	F3.00						

LINE 1-RC-10 (FIG NO A-15A)

613200	1-GRC-R-622 REV. 2	F-C	VT-3	12SHP5050NDE006	-	-	X	J.O. C17069/05 - CONDITION REPORT 94-0453; DESIGN/AS-FOUND DISCREPANCY. EVALUATION REVEALED THAT THE PIPE SUPPORT MET OPERABILITY LIMITS BUT WAS MODIFIED TO MEET THE ORIGINAL DESIGN INTENT.
	PIPE SUPPORT COMPONENTS	F3.00						

613400	1-GRC-C-519 REV. 6	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C17069/05
	PIPE SUPPORT COMPONENTS	F3.00	VT-4		X	-	-	

LINE 1-RC-15 (FIG NO A-20)

616100	1-GRC-R-578 REV. 1	F-B	VT-3	12SHP5050NDE006	-	-	X	J.O. C17069/05 - CONDITION REPORT 94-0320; DESIGN/AS-FOUND DISCREPANCY. EVALUATION REVEALED THAT THE PIPE SUPPORT MET OPERABILITY LIMITS BUT WAS REPAIRED TO MEET THE ORIGINAL DESIGN INTENT.
	PIPE SUPPORT COMPONENTS	F2.00						

616400	1-GRC-R-572 REV. 2	F-B	VT-3	12SHP5050NDE006	-	-	X	J.O. C17069/05 - CONDITION REPORT 94-0432; DESIGN/AS-FOUND DISCREPANCY. ACCEPTABLE PER AEPSC/NEDS.
	PIPE SUPPORT COMPONENTS	F2.00						

LINE 1-RC-505 (FIG NO A-24)

617300	1-GRC-R-545 REV. 2	F-C	VT-3	12SHP5050NDE006	-	-	X	J.O. C17069/05 - JAM NUT MISSING. THE SUPPORT WAS FUNCTIONAL WITHOUT THE JAM NUT. HOWEVER, THE JAM NUT WAS INSTALLED AND THE PIPE SUPPORT REEXAMINED.
	PIPE SUPPORT COMPONENTS	F3.00						

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CLASS 1 COMPONENTS

CHEMICAL AND VOLUME CONTROL SYSTEM

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

LINE 1-CS-780 (FIG NO A-56A)

639500	1-GCS-R-601	REV. 3	F-B	VT-3	12SHP5050NDE006	X - -	J.O. C17069/05
	PIPE SUPPORT COMPONENTS		F2.00				

GOA MICHIGAN POWER COMPANY
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REACTOR COOLANT PUMPS

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

PUMP SUPPORTS

650200 RC PUMP NO. 13 SUPPORT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C17069/05
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WMA MICHIGAN POWER COMPANY
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REGENERATIVE HEAT EXCHANGER

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

COMPONENT SUPPORTS (FIG NO B-5)

700050	CS-5	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C17069/05
	BRACKET	F3.00						
700060	CS-6	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C17069/05
	BRACKET	F3.00						

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RHR HEAT EXCHANGER WEST

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

COMPONENT SUPPORTS (FIG NO B-8A)

700170	W-RHRHEX-SC-1	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18730/01
		F2.00						

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTSEMERGENCY CORE COOLING SYSTEM

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

LINE 1-SI-2 (FIG NO B-10)

701440	1-GSI-R-125 REV. 4	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18730/01
	PIPE SUPPORT COMPONENT	F2.00						

701460	1-GRH-L-55 REV. 6	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C17217/07
	PIPE RESTRAINT COMPONENT	F3.00						

LINE 1-SI-71 (FIG NO B-24)

704700	1-GSI-V-608 REV. 5	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C17217/05 - NORTH SPRING CAN
	PIPE SUPPORT COMPONENT	F3.00	VT-4		-	-	X	SETTING OUT OF TOLERANCE. THE PIPE
								SUPPORT WAS EVALUATED TO BE OPERABLE.
								HOWEVER, THE SPRING CAN WAS ADJUSTED AND
								REEXAMINED.

LINE 1-RH-1 (FIG NO B-25)

704930	1-GRH-R-10 REV. 4	F-B	VT-3	12SHP5050NDE006	-	-	X	J.O. C17217/07 - CONDITION REPORT
	PIPE SUPPORT COMPONENT	F2.00						93-1743; DESIGN/AS-FOUND DISCREPANCY.
								ACCEPTABLE PER AEPSC/NEDS.

704940	1-GRH-V-11 REV. 5	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C17217/07
	PIPE SUPPORT COMPONENT	F3.00	VT-4		X	-	-	

LINE 1-RH-2 (FIG NO B-26)

705240	1-GRH-V-3 REV. 4	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C17069/05
	PIPE SUPPORT COMPONENT	F3.00	VT-4		X	-	-	

705242	1-GRH-R-4 REV. 4	F-C	VT-3	12SHP5050NDE006	-	-	X	J.O. C17217/07 - CONDITION REPORT
	PIPE SUPPORT COMPONENTS	F3.00						93-1744; DESIGN/AS-FOUND DISCREPANCY.
								EVALUATION REVEALED THAT THE PIPE
								SUPPORT MET OPERABILITY LIMITS BUT WAS
								MODIFIED TO MEET THE ORIGINAL DESIGN
								INTENT.

THE MICHIGAN POWER COMPANY
COOK NUCLEAR PLANT, BRIDGMAN, MI
UNIT 1 COMMERCIAL SERVICE DATE 8-23-197
NATIONAL SAFETY NUMBER 20761

DATE: 08/01/94
REVISION: 0

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

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EMERGENCY CORE COOLING 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 1-RH-3 (FIG NO B-27)

705270 1-GRH-R-15 REV. 4 F-B VT-3 12SHP505ONDE006 X - - J.O. C17217/07
PIPE SUPPORT COMPONENT F2.00

705280 1-GRH-R-13 REV. 5 F-B VT-3 12SHP505ONDE006 X - - J.O. C18730/01
PIPE SUPPORT COMPONENT F2.00

LINE 1-RH-4 (FIG NO B-28)

705740 1-GRH-L-39 REV. 4 F-B VT-3 12SHP505ONDE006 - - X J.O. C17217/07 - CONDITION REPORT
PIPE SUPPORT COMPONENTS F2.00 93-1652; DESIGN/AS-FOUND DISCREPANCY.
ACCEPTABLE PER AEPSC/NEDS.

LINE 1-RH-5

706200 1-GCTS-R-8 REV. 3 F-B VT-3 12SHP505ONDE006 - - X J.O. C17217/07 - CONDITION REPORT
PIPE SUPPORT COMPONENT F2.00 94-0508; DESIGN/AS-FOUND DISCREPANCY.
ACCEPTABLE PER AEPSC/NEDS.

706240 1-GCTS-R-10 REV. 3 F-B VT-3 12SHP505ONDE006 X - - J.O. C17217/07
PIPE SUPPORT COMPONENT F2.00

LINE 1-RH-8 (FIG NO B-32)

707420 1-GSI-L-47A REV. 2 F-B VT-3 12SHP505ONDE006 - - X J.O. C17217/07 - LOOSE PIPE CLAMP
PIPE RESTRAINT COMPONENT F2.00 EVALUATED TO BE IN A FUNCTIONAL
CONDITION. HOWEVER, THE PIPE CLAMP WAS
TIGHTENED AND REEXAMINED.

707450 1-GSI-L-48 REV. 4 F-B VT-3 12SHP505ONDE006 - - X J.O. C17217/07 - CONDITION REPORT
PIPE SUPPORT COMPONENT F2.00 94-0573; DESIGN/AS-FOUND DISCREPANCY.
ACCEPTABLE PER AEPSC/NEDS.

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

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CONTAINMENT SPRAY SYSTEM

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

LINE 1-CTS-2 (FIG NO B-42)

719280	1-GCTS-R-28 REV. 6	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18730/01
	PIPE SUPPORT COMPONENTS	F2.00						

LINE 1-CTS-5 (FIG NO B-45)

720250	1-GCTS-R-34 REV. 4	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C18730/01
	PIPE SUPPORT COMPONENTS	F3.00						

720390	1-GCTS-L-56 REV. 4	F-B	VT-3	12SHP5050NDE006	-	-	X	J.O. C17217/07 - CONDITION REPORT 94-0508; DESIGN/AS-FOUND DISCREPANCY. EVALUATION REVEALED THAT THE PIPE SUPPORT MET OPERABILITY LIMITS BUT WAS MODIFIED TO MEET THE ORIGINAL DESIGN INTENT.
	PIPE SUPPORT COMPONENTS	F2.00						

720400	1-GCTS-R-43 REV. 5	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C17217/07
	PIPE SUPPORT COMPONENTS	F2.00						

THE MICHIGAN POWER COMPANY
COOK NUCLEAR PLANT, BRIDGMAN, MI
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NATIONAL BOARD NUMBER 20761

DATE: 08/01/94
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COOK NUCLEAR PLANT UNIT 1
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

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FEEDWATER SYSTEM

SUMMARY EXAMINATION AREA		ASHE			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 1-FW-12 (FIG NO B-49)

726510	1-GFW-V-148 REV. 4	F-C	VT-3	12SHP5050NDE006	-	-	X	J.O. C17217/07 - CONDITION REPORT
	PIPE RESTRAINT COMPONENT	F3.00	VT-4		X	-	-	94-Q497; DESIGN/AS-FOUND DISCREPANCY.
								ACCEPTABLE PER AEPSC/NEDS.

726550	1-FW-12-HANGER	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C17217/07
	PIPE SUPPORT COMPONENTS	F2.00						

LINE 1-FW-26 (FIG NO B-55)

726940	1-GFW-L-805 REV. 1	F-B	VT-3	12SHP5050NDE006	-	-	X	J.O. C17217/07 - CONDITION REPORT
	PIPE SUPPORT COMPONENTS	F2.00						94-0256; DESIGN/AS-FOUND DISCREPANCY.
								EVALUATION REVEALED THAT THE PIPE
								SUPPORT MET OPERABILITY LIMITS BUT WAS
								REPAIRED TO MEET THE ORIGINAL DESIGN
								INTENT.

LINE 1-FW-31 (FIG NO B-58)

727050	1-GFW-L-826 REV. 2	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C18730/01
	PIPE SUPPORT COMPONENTS	F2.00						

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

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MAIN STEAM SYSTEM

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

LINE 1-MS-10 (FIG NO B-63)

736010	1-MSH-3 REV. 4	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C17069/05
	PIPE SUPPORT COMPONENTS	F3.00	VT-4		X	-	-	

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COOK NUCLEAR PLANT, BRIDGMAN, MI
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INDIANA MICHIGAN POWER COMPANY
COOK NUCLEAR PLANT, BRIDGMAN MI.
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TECHNICAL SPECIFICATION/INSERVICE INSPECTION
SURVEILLANCE OF HYDRAULIC SNUBBERS

The Unit 1 Tech. Spec./ISI snubber examination and test results for the period of October 29, 1992 to the end of the Unit 1 1994 Refueling Outage are noted below.

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

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

I VISUAL EXAMINATIONS

<u>Category</u>	<u>Compl. Date</u>	<u>Comments/Result</u>
a.Grinnell "Accessible"	01-15-94	all acceptable
	04-19-94	all acceptable
b.Grinnell "Inaccessible"	02-27-94	one failure per T.S. 3/4.7.8, all others acceptable
	04-09-94	all acceptable
c.Steam Generator	03-09-94	all acceptable
	04-06-94	all acceptable

FUNCTIONAL TESTS

<u>Category</u>	<u>Compl. Date</u>	<u>Comments/Result</u>
a.Grinnell	05-06-94	eleven tested, all acceptable, see attached sheet
b.Steam Generator	04-17-94	four tested, all acceptable, see attached sheet
c.ISI/Non-Tech. Spec.	02-11-94	two tested, one failure and one e x p a n d e d sample, see attached sheet

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

FUNCTIONAL TEST SURVEILLANCES

<u>Snubber Mark No.</u>	<u>Date Tested</u>	<u>As-Found</u>
<u>Grinnell</u>		
1-GRC-S519	02-28-94	Pass
1-GRC-S537	02-28-94	Pass
1-GRC-S538	02-27-94	Pass
1-FWS-2-L	03-07-94	Pass
1-FWS-4-L	03-08-94	Pass
1-FWS-10-U	03-07-94	Pass
1-GCS-S757	03-07-94	Pass
1-MSS-4	03-08-94	Pass
1-GCCW-S841	02-15-94	Pass
1-GSI-S657	03-04-94	Pass
1-GCTS-S73-W	02-17-94	Pass
<u>Steam Generator</u>		
1-OME-3-1-HSD-1U	03-14-94	Pass
1-OME-3-1-HSD-1L	03-14-94	Pass
1-OME-3-4-HSD-1L	03-12-94	Pass
1-OME-3-4-HSD-3L	03-10-94	Pass
<u>ISI/Non-Tech. Spec.</u>		
1-GFW-S852	03-03-93	Fail, low tension bleed rate
1-GFW-S854	02-11-94	Pass, expanded sample

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UNIT 1 GRINNELL "INACCESSIBLE" SNUBBERS

<u>Tech. Spec.</u>	<u>Mark Number</u>	<u>Azimuth</u>	<u>Elevation</u>	<u>Size (in.)</u>
1	1-GRC-S519	310	683	2 1/2 x 5
2	1-GRC-S537	25	610	2 1/2 x 5
3	1-GRC-S538	41	614	2 1/2 x 5
4	1-GRC-S555	141	614	2 1/2 x 5
5	1-GRC-S562	154	610	2 1/2 x 5
6	1-GRC-S564	313	614	2 1/2 x 5
7	1-GRC-S566	332	610	2 1/2 x 5
8	1-GRC-S573	223	614	2 1/2 x 5
9	1-GRC-S575	208	610	2 1/2 x 5
10	1-GRC-S582	212	617	1 1/2 x 5
11	1-GRC-S587	260	622	2 1/2 x 5
12	1-GRC-S592	292	683	3 1/4 x 5
13	1-GRC-S594	292	691	3 1/4 x 5
14	1-GRC-S596	285	691	2 1/2 x 5
15	1-GRC-S598	292	670	2 1/2 x 5
16	1-GRC-S599	287	672	2 1/2 x 5
17	1-GRC-S604	286	688	1 1/2 x 5
18	1-GRC-S608	286	693	1 1/2 x 5
19	1-GRC-S614	282	681	1 1/2 x 5
20	1-FW-S1	31	634	2 1/2 x 5
21	1-FW-S2 (L)	26	633	2 1/2 x 5
22	1-FW-S2 (U)	26	636	2 1/2 x 5
23	1-FW-S3	20	629	2 1/2 x 5
24	1-FW-S4 (L)	154	636	2 1/2 x 5
25	1-FW-S4 (U)	154	640	2 1/2 x 5
26	1-FW-S5	163	634	2 1/2 x 5
27	1-FW-S6	157	629	2 1/2 x 5
28	1-FW-S7	204	634	2 1/2 x 5
29	1-FW-S8 (L)	200	633	2 1/2 x 5
30	1-FW-S8 (U)	200	636	2 1/2 x 5
31	1-FW-S9	194	629	2 1/2 x 5
32	1-FW-S10 (L)	334	633	2 1/2 x 5
33	1-FW-S10 (U)	334	636	2 1/2 x 5
34	1-FW-S11	330	634	2 1/2 x 5
35	1-FW-S12	343	629	2 1/2 x 5
36	1-GCS-S634	292	613	2 1/2 x 5
38	1-GCS-S757	128	612	2 1/2 x 5
39	1-MSS-1	8	639	5 x 5
40	1-MSS-2	17	635	3 1/4 x 5
41	1-MSS-3	172	639	5 x 5
42	1-MSS-4	165	635	3 1/4 x 10
43	1-MSS-5	191	635	3 1/4 x 5
44	1-MSS-6	184	639	4 x 5
45	1-MSS-7	349	635	3 1/4 x 5
46	1-MSS-8	356	639	4 x 5
70	1-GSI-S707	228	608	1 1/2 x 5

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UNIT 1 GRINNELL "ACCESSIBLE" SNUBBERS

<u>Tech. Spec.</u>	<u>Mark Number</u>	<u>Azimuth</u>	<u>Elevation</u>	<u>Size (in.)</u>
37	1-GCS-S637	71	608	1 1/2 x 10
47	1-GCCW-S278		609	1 1/2 x 5
48	1-GCCW-S309		597	4 x 5
49	1-GCCW-S837		621	1 1/2 x 5
50	1-GCCW-S838		621	1 1/2 x 5
51	1-GCCW-S839		621	1 1/2 x 5
52	1-GCCW-S840		621	1 1/2 x 5
53	1-GCCW-S841		621	1 1/2 x 5
54	1-GCCW-S842		621	1 1/2 x 5
55	1-GCCW-S844		609	1 1/2 x 5
56	1-GBD-S563	277	608	1 1/2 x 5
57	1-GBD-S569	278	608	1 1/2 x 5
58	1-GBD-S573	181	607	1 1/2 x 5
59	1-GBD-S574	181	607	1 1/2 x 5
60	1-GRH-S7A		581	2 1/2 x 5
61	1-GRH-S7B		581	2 1/2 x 5
62	1-GRH-S47		581	2 1/2 x 5
63	1-GRH-S48		580	2 1/2 x 5
64	1-GDG-S13		596	2 1/2 x 5
65	1-GDG-S14		603	2 1/2 x 5
66	1-GSI-S103		573	3 1/4 x 5
67	1-GSI-S128		573	3 1/4 x 5
68	1-GSI-S575	66	598	2 1/2 x 5
69	1-GSI-S657	185	610	1 1/2 x 5
71	1-GCTS-S73 (E)		582	2 1/2 x 5
72	1-GCTS-S73 (W)		582	2 1/2 x 5
73	1-GCTS-S76 (B)		579	2 1/2 x 5
74	1-GCTS-S76 (A)		579	2 1/2 x 5
75	1-GCTS-S160A (N)		582	2 1/2 x 5
76	1-GCTS-S160A (S)		582	2 1/2 x 5
77	1-GCTS-S161 (E)		579	2 1/2 x 5
78	1-GCTS-S161 (W)		579	2 1/2 x 5

ISI/Non-Tech. Spec. Snubbers

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

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UNIT 1, 800 Kip MCDOWELL-WELLMAN
STEAM GENERATOR SNUBBERS

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

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INDIANA MICHIGAN POWER COMPANY
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STEAM GENERATOR INSPECTIONS AND REPAIRS

Unit One Steam Generator inspections and repairs were performed from February 22, 1994 to March 17, 1994 in accordance with plant Technical Specifications. Eddy current bobbin coil testing was performed on 100% of the tubes inservice in all four steam generators. Selected areas of the tubes (which included 100% of all non-sleeved/non-plugged tubes at the hot leg top of tube sheet location $\pm 3"$) were also inspected with rotating pancake (RPC) probes. All tubes with indications exceeding Technical Specification limits were repaired by plugging during this outage. No sleeving was performed.

TUBES REPAIRED PER STEAM GENERATOR

Steam Generator				
Tubes	#11	#12	#13	#14
Inspected Bobbin Coil	3077	3157	3176	3190
Inspected TSH $\pm 3"$	2250	2977	2717	2816
Plugged	86	73	27	89

RE-ROLLING

Description

Due to propagation of roll transition indications as well as the number of tubes that could be recovered in future outages that were plugged due to roll transition indications, a re-roll program was developed. Re-rolling effectively relocates the roll transition from approximately 2.75 inches above the tube end to the required F* distance above the roll indication. The F* distance for Cook Nuclear Plant Unit 1 is 1.11 inches plus eddy current uncertainty in measurement of .20 inch, for a total distance of 1.31 inches of clean re-rolled tubing needed above the existing roll indication. Steam generators 11 and 13 exhibited a higher incidence of roll transition indications, so they were selected as the generators for re-rolling.

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Re-Rolling Implementation/Summary

Prior to leaving re-rolled tubes in service, a sample program of 16 roll transition degraded tubes were RPC tested at the top of tubesheet and roll transitions before and after rolling to ensure that the rolling process did not effect a negative change elsewhere in the tube. This sample program was conducted in Steam Generator 11 because this generator had a number of tubes with existing indications at the top-of-tubesheet. Upon completion of the re-roll sample program, it was determined that the re-roll had no negative effect elsewhere in the tube.

There were 21 tubes re-rolled in Steam Generator 11 with 15 of a possible 17 tubes left inservice by re-rolling. Of the six tubes plugged, four were for existing indications at the top of the tubesheet, one was for a missing re-roll pass, and one was for an oversized re-roll tube ID. There were 18 tubes re-rolled in Steam Generator 13 with all being acceptable for leaving in service. One of the 18 tubes, Row 14 Column 22, was mistakenly added to the re-roll list and was re-rolled and left in service.

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

Cook Nuclear Plant Plugging and Sleeving Summary Hot Leg						
Steam Generator	27" Sleeve Tubes	30" Sleeve Tubes	Sleeve Equiv. Plugs	Plugged Tubes	Total Equiv. Plugs	Percent Plugged Tubes
S/G 11	309	518	35.19	397	432.19	12.76%
S/G 12	12	168	7.66	304	311.66	9.20%
S/G 13	83	376	19.53	239	258.53	7.63%
S/G 14	114	260	15.91	287	302.91	8.94%
TOTALS	518	1322	78.30	1227	1305.29	9.63%

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REACTOR VESSEL CLOSURE HEAD CRDM
PENETRATION INSPECTION

A topside visual inspection of the outer reactor head penetrations was performed during the Unit 1 1994 Refueling Outage to determine if any of the penetrations were leaking. Results of the inspection showed no evidence of penetration leakage.



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SYSTEM PRESSURE TESTS

Inservice Inspection System Pressure Tests were performed during the Winter 1994 Unit One 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 twelve (12) hydrostatic tests were performed during the outage with the results of all tests within allowable acceptance criteria. The tests performed were:

<u>PROCEDURE</u>	<u>DESCRIPTION</u>	<u>NUMBER OF TESTS COMPLETED</u>
**1-OHP 5070.ISI.009	Component Cooling Water; Spare Pump	1
**1-OHP 5070.ISI.012	Component Cooling Water Piping Reactor Support Coolers	1
**1-OHP 5070.ISI.013	Non-Essential Service Water; CPN's to/from Containment Ventilation Units	1
**1-OHP 5070.ISI.015	Demin Water to Containment at CPN-36	1
**1-OHP 5070.ISI.031	Volume Control Tank and Associated Piping	1
**1-OHP 5070.ISI.032	RCP Seal Water Piping Supply/Leakoff	7

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, 2 and 3 components and systems for Cook Nuclear Plant.

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

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NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

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 03-19-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C1501-12, 1-IRV-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 RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-IRV-310	FISHER CONTROLS INTERNATIONAL	10318672	N/A	8" V100/1051-60 ASP#16807	N/A	REPLACE-MENT	NO
ALL THREAD STUDS	DUBOSE STEEL INC.	N/A	N/A	ASME SA-453 GRADE 660 ME30-030000 ASP#11944	N/A	REPLACE-MENT	NO
NUTS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASME SA-194 GRADE 8F ME30-212110 ASP# 15587	1990	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☐ Pressure 750 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 EXISTING VALVE WITH NEW VALVE AND NEW STUDS & NUTS.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C1501-12

File:1-IRV-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 5/31, 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 2-17-94 to 6-2-94, 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.

M. R. Mitenbaum Commissions Michigan, End N.E.
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date JUNE 2 19 94

2370-59

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
NameDate 03/18/94P.O. Box 60 Fort Wayne, IN 46801
AddressSheet 1 of 22. Plant D.C. COOK NUCLEAR POWER PLANT
NameUnit 1One Cook Place, Bridgman, MI 49106
AddressJ.O. C1501-02
Repair Org. P.O. No., Job No., etc3. Work Performed by NISCO
Name
2830 PARKWAY ST. LAKE LAND, FL. 33811
AddressType Code Symbol Stamp V
Authorization No. 0290-V
Expiration Date 12/31/944. Identification of System RESIDUAL HEAT REMOVAL

* 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-IRV-310							
8" FLANGE S/S RF WN 300# SCH40	N/A	N/A	N/A	A182 GR.F-304 ASP-10407	N/A	REPLACE- MENT	NO

7. Description of Work REMOVE VLV 1-IRV-310 AND RELOCATE FLANGES FOR RFC-19788. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐N/A ☐ Other ☐ Pressure 750 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 PT ON REPLACEMENT WELDS WERE PERFORMED AND FOUND ACCEPTABLE.
Applicable Manufacturer's Data Reports to be attached

ISI CLASS II / ASME CLASS II

J.O.1505-02

HYDRO WAS PERFORMED AND FOUND TO BE ACCEPTABLE.

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]* Date 5/12, 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 2-15-94 to 5-16-94, 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.

[Signature] Commissions ARK 0055, EN 0 N 5 I
 Inspector's Signature National Board, State, Province, Endorsements

Date May 16 1994

*FACTORY MUTUAL ENGINEERING ASSOCIATION

2370-30

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 03/18/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C1505-02
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 RESIDUAL HEAT REMOVAL
* 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-IRV-320							
8" FLANGE S/S RF WN 300# SCH40	N/A	N/A	N/A	A182 GR.F-304 ASP-10407	N/A	REPLACE- MENT	NO

7. Description of Work REMOVE VLV 1-IRV-320 AND RELOCATE FLANGES FOR RFC-1978

8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☐ Pressure 750 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 PT ON REPLACEMENT WELDS WERE PERFORMED AND FOUND ACCEPTABLE.
Applicable Manufacturer's Data Reports to be attached

ISI CLASS II / ASME CLASS II J.O.1505-02

HYDRO WAS PERFORMED AND FOUND TO BE ACCEPTABLE.

HYDRO WAS PERFORMED UNDER J.O.A. C1501-18.

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 5/5, 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 2-10-94 to 5-12-94, 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 M.C.H. DOSS, and N.E.
 National Board, State, Province, Endorsements

Date May 12 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 03-19-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C1505-12, 1-IRV-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 Expiration Date N/A
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-IRV-320	FISHER CONTROLS INTERNATIONAL	10318674	N/A	8" V100/1051-60 ASP#16807	N/A	REPLACE-MENT	NO
ALL THREAD STUDS	DUBOSE STEEL INC.	N/A	N/A	ASME SA-453 GRADE 660 ME30-030000 ASP#11944	N/A	REPLACE-MENT	NO
NUTS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASME SA-194 GRADE 8F ME30-212110 ASP# 11021	1986	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☐ Pressure 750 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 EXISTING VALVE WITH NEW VALVE AND NEW STUDS & NUTS.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C1505-12

File:1-IRV-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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/31, 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 2-17-94 to 6-2-94, 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.

Michael J. Mutis
 Inspector's Signature

Commissions Mich 0055, EN & N, I
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date JUNE 2 19 94

2370-58

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 03/11/94
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 J.O. C1506-01
 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 RESIDUAL HEAT
 * 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-IRV-311							
8" 300# RF/SO FLANGE SS	N/A	N/A	N/A	A182/F304 ASP-10407	N/A	REPLACE-MENT	NO

7. Description of Work REMOVAL OF VALVE AND RELOCATION OF FLANGES AS PER RFC 1978.

8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 N/A ☐ Other ☐ Pressure 750 psig 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

Applicable Manufacturer's Data Reports to be attached

ASME CLASS II / ISI CLASS II

J.O. C1506-03

HYDRO WAS PERFORMED AND FOUND TO ACCEPTABLE.

HYDRO WAS PERFORMED UNDER JOA.C1501-18.

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 *[Signature]* FIELD ENGINEER Date 5/3, 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 3-10-94 to 5-12-94, 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 *[Signature]*Commissions MICH 0055, ENDORSE

National Board, State, Province, Endorsements

Date May 12 19 94

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-21

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 03-10-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C1506-10, 1-IRV-311
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-IRV-311	FISHER CONTROLS INTERNATIONAL	10318673	N/A	8" V100/1051-60 ASP#16807	N/A	REPLACE-MENT	NO
ALL THREAD STUDS	DUBOSE STEEL INC.	N/A	N/A	ASME SA-453 GRADE 660 ME30-030000 ASP#11944	N/A	REPLACE-MENT	NO
NUTS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASME SA-194 GRADE 8F ME30-212110 ASP# 11021	1986	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☐ Pressure 750 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 EXISTING VALVE WITH NEW VALVE AND NEW STUDS & NUTS.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C1506-10

File:1-IRV-311

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 5/31, 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 2-11-94 to 6-2-94, 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.

Inspector's Signature Commissions Michigan, EN & I
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 03-10-93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C-4214-1,1-CS-350,3/4"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)
1-CS-350							
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: C4214-1

File: 1CS-350

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 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 3-10-93 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 04-04-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C4713-4, 1-CTS-119W
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CONTAINMENT SPRAY ADDITIVE
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CTS-119W	CRANE ALOYCO	N/A	N/A	ASME SA-351 GR.CF8M ME30-033600 ASP#16712	N/A	REPLACE-MENT	NO
2" SCH.40 PIPE	CHICAGO MECHANICAL INC.	N/A	N/A	A-312 T-304 ME30-016711 ASP#13597	1989	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☐ PT Pressure 33 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, PT EXAM WAS PERFORMED AND
Applicable Manufacturer's Data Reports to be attached

ACCEPTED.

Ref. JO:C4713-4

File: 1-CTS-199W

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 6/15, 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 4-12-91 to 6-16-94, 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.

Frank Pisarsky Commissions Mich 0055, EN & N.E.I.
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 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 02-18-94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name _____
- One Cook Place, Bridgman, MI 49106 C10506-2, 1-IMO-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 CONTAINMENT SPRAY
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-IMO-222	N/A	N/A	N/A	N/A	N/A	REPLACED	NO
VALVE	CRANE VALVES	N/A	N/A	SA-351 GR.CF8M ME30-033605 ASP#16311	N/A	REPLACE- MENT	NO
PIPE 2"SCH.40	TIOGA PIPE SUPPLY	N/A	N/A	ASME SA-312 TYPE 304 ME30-016711 ASP#12983	N/A	REPLACE- MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ Other ☐ Pressure 500 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 SECTION OF PIPE BY WELDING.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C10506-2

File: 1-IMO-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 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 2-15-94 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.

Inspector's Signature Commissions Michigan, ENR, NBT
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 31 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 03-28-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C12206-3,5 1-MMO-240
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MMO-240	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
NUTS	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	SA-194 GRADE 2H ME30-046624 ASP#13357	N/A	REPLACE- MENT	NO
ALL THREAD STUDS	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	SA-193 GRADE-B7 ME30-211630 ASP#15470	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 THE STEM REPLACEMENT. THE STEM 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: C12006-3,5 File: 1-MMO-240

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 6/15, 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 10-19-93 to 6-16-94, 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.

2012 Muterspaugh Commissions Mich 0055, ENR NEE
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 16 1994

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

4370-42

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 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C-12062-22
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 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)
1-GSF-L38							
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 INSTALL NEW 1/4"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.

NIS93-06

FORM NIS-2 (Back)

9. Remarks INSTALLED NEW 1/4"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-12062-22

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.* Date 6/17, 1993
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of 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 7-15-93, 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.

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

Date July 15 1993

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS93-06

4370-60

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 09/23/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C12062-31
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 CONTAINMENT SPRAY 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)
1-GCTS-L30							
3/8" ANGLE 2" X 2"	N/A	N/A	N/A	A36 ASP-EXIST	N/A	REPAIRED	NO

7. Description of Work CUT OFF THE EXISTING 2" ANGLE IRON STOP ASSEMBLY AND REPOSITION TO MAINTAIN DESIGN CLEARANCE OF 1/16". (REUSED 2" ANGLE&PLATE)

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 VT-3 INSPECTION WAS PERFORMED AND FOUND TO BE ACCEPTABLE.
Applicable Manufacturer's Data Reports to be attached

ASME CLASS II / ISI CLASS IIJ.O. C12062-31

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 C. V. R. F. 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 3-23-93 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.

[Signature] Commissions Mich 0053, END NFI, 1
 Inspector's Signature National Board, State, Province, Endorsements

Date 11-25 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS93-30

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. 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 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.

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. 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 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
2830 PARKWAY ST. LAKE LAND, FL. 33811 Authorization No. 0290-V
Address Expiration Date 12/31/94
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. 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" 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. 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 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
2830 PARKWAY ST. LAKELAND, FL. 33811 Authorization No. 0290-V
Address Expiration Date 12/31/94
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, Fire Engineer Date Jan 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 3/4/93 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. Whiters Commissions MICH 0055, ENDR 11
Inspector's Signature National Board, State, Province, Endorsements

Date Jan. 10 1994

***FACTORY MUTUAL ENGINEERING ASSOCIATION**

2370-04

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 09/23/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 4
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C14360-02
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 VENTILATION WATER
* 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-GVW-L8							
3/8" PLATE STAINLESS	N/A	N/A	N/A	A240-87 T304 ASP-10921	N/A	REPLACE-MENT	NO
1/2" PLATE 8" X 8"	N/A	N/A	N/A	A36-90 ASP-15507	N/A	REPLACE-MENT	NO
1/2" X 3" FLAT BAR	N/A	N/A	N/A	A36-89 ASP-13963	N/A	REPLACE-MENT	NO
5" SCH. 80 PIPE.	N/A	N/A	N/A	SA106 GR. B ASP-16045	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL AND MODIFIED UNIT#1 CONTROL RM. AC
SUPPORTS PER THE DESIGN DRAWINGS FOR RFC-3081.

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.

NIS94-05

2370-04

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 09/23/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 4
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C14360-02
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 VENTILATION WATER
* 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-AVW-R4008							
3/8" ANGLE 3" X 3"	N/A	N/A	N/A	A36-88C ASP-11779	N/A	REPLACE- MENT	NO
3/4" PLATE	N/A	N/A	N/A	A36-90 ASP-14793	N/A	REPLACE- MENT	NO
3/8" HILTI KWIK BOLT	N/A	N/A	N/A	A108 ASP-14398	N/A	REPLACE- MENT	NO
3/8" ANGLE 3" X 3"	N/A	N/A	N/A	A36-89 ASP-12781	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.

NIS94-16A

2370-04

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 09/23/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 4
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C14360-02
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. LAKELAND, FL. 33811 Expiration Date 12/31/94
Address
4. Identification of System VENTILATION WATER
- * 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-AVW-R4010							
3"X3"X1/4" TUBE STL.	N/A	N/A	N/A	A500-90GR.B ASP-14481	N/A	REPLACE-MENT	NO
1/2" PLATE.	N/A	N/A	N/A	A36-89 ASP-12145	N/A	REPLACE-MENT	NO
1/2" DIA U-BOLT	N/A	N/A	N/A	FIG. 137 ASP-1103	N/A	REPLACE-MENT	NO
3/8" ANGLE 3" X 3"	N/A	N/A	N/A	A36 ASP-11779	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.

NIS94-16B

FORM NIS-2 (Back)

9. Remarks SUPPORTS INSTALLED/MODIFIED: 1-GVW-L8, 1-AFW-R4008, 1-AVW-
Applicable Manufacturer's Data Reports to be attached
R4010. PER DESIGN DRAWINGS TO MEET THEIR DESIGN BASIS REQ.
ALL VT-3 PERFORMED AND FOUND TO BE ACCEPTABLE.
ASME CLASS III / ISI CLASS II J.O. C14360-02

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]* Fixed Engineer Date 3/20, 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 12-11-93 to 3-28-94, 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 Mich. 0055, ENR NIT
 Inspector's Signature National Board, State, Province, Endorsements

Date 3-28 19 94

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-16



2370-04

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 09/23/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 3
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C14360-02
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 ESSENTIAL SERVICE WATER
* 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-GESW-L-124							
3/8" ANGLE 2 1/2" LEGS	N/A	N/A	N/A	A36-89 ASP-14325	N/A	REPLACE- MENT	NO
1-GESW-L132							
C3 X 5 CHANNEL	N/A	N/A	N/A	A36-90 ASP-13810	N/A	REPLACE- MENT	NO
1-GESW-L133							

7. Description of Work FAB/INSTALL AND MODIFIED U1 CONTROL ROOM AC
SUPPORTS PER THE DESIGN DRAWINGS FOR RFC-3081.

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.

NIS94-15

2370-04

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 09/23/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 3
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C14360-02
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. LAKELAND, FL. 33811 Expiration Date 12/31/94
Address
4. Identification of System ESSENTIAL SERVICE WATER
* 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)
C3 X 5 CHANNEL	N/A	N/A	N/A	A36-90 ASP-13810 ✓	N/A	REPLACE-MENT	NO
1-GESW-L144							
1/4" X 3" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14900 ✓	N/A	REPLACE-MENT	NO
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	A36-90 ASP-15411 ✓	N/A	REPLACE-MENT	NO
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	A36-90 ASP-14897 ✓	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.

NIS94-15A

FORM NIS-2 (Back)

9. Remarks SUPPORTS INSTALLED/MODIFIED: 1-GESW-L124, 1-GESW-L132,
Applicable Manufacturer's Data Reports to be attached

1-GESW-L133, 1-GESW-L144

ALL VT-3 PERFORMED AND FOUND TO BE ACCEPTABLE.

ASME CLASS III / ISI CLASS II

J.O. C14360-02

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 W. J. R. Field Engineer Date 3/20, 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 6-11-93 to 3-28-94, 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.

W. J. R. Field Commissions Mich 3755, ENR 2117
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3/28 19 94

NIS94-15

2370-05

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 02/18/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 5
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C14360-03
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 FEEDWATER
* 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-GFW-R10A							
3/8" ANGLE 3" X 3"	N/A	N/A	N/A	A36-90 ASP-15971 ✕	N/A	REPLACE- MENT	NO
1-GFW-L2							
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	A36-90 ASP-15411 ✕	N/A	REPLACE- MENT	NO
3"X5 X9"LG C CHANNEL	N/A	N/A	N/A	A36-90 ASP-13810 ✕	N/A	REPLACE- MENT	NO

7. Description of Work FAB/INSTALL AND MODIFIED U1 DG PIPE TUNNEL PIPE
SUPPORTS PER THE DESIGN DRAWINGS FOR RFC-3081.

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.

NIS94-14

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 02/18/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 5
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C14360-03
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 FEEDWATER
* 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" X 3" FLAT BAR	N/A	N/A	N/A	A36-90 X ASP-14115	N/A	REPLACE-MENT	NO
1-GFW-L15 ✓							
1/2" X 6" FLAT BAR	N/A	N/A	N/A	A36-89 X ASP-12957	N/A	REPLACE-MENT	NO
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	A36-90 X ASP-15411	N/A	REPLACE-MENT	NO
3/8" ANGLE 4" X 4"	N/A	N/A	N/A	A36-88C X ASP-11779	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

2370-05

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 02/18/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 5
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C14360-03
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 FEEDWATER
* 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-GFW-L4							
3"X3"X1/4" TUBE STL.	N/A	N/A	N/A	A500-90GR.B ASP-14481 ✓	N/A	REPLACE-MENT	NO
1-GFW-L249							
3/8" ANGLE 3" X 3"	N/A	N/A	N/A	A36-90 ASP-15971 ✓	N/A	REPLACE-MENT	NO
1-GFW-R11							

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.

NIS94-14B

2370-05

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 02/18/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 4 of 5
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C14360-03
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. 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., 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 3" X 3"	N/A	N/A	N/A	A36-89 ASP-13430 x	N/A	REPLACE- MENT	NO
1-GFW- L12 ✓							
3/8" ANGLE 3" X 3"	N/A	N/A	N/A	A36-90 ASP-15971 x	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.

NIS94-14C

FORM NIS-2 (Back)

9. Remarks SUPPORTS INSTALLED/MODIFIED: 1-GFW-R10A, 1-GFW-L2, 1-GFW-L15,
Applicable Manufacturer's Data Reports to be attached
1-GFW-L4, 1-GFW-L249, 1-GFW-R11, 1-GFW-L12 SUPTS MODIFIED TO
DESIGN BASIS. ALL VT-3 PERFORMED AND FOUND TO BE ACCEPTABLE.
ASME CLASS II / ISI CLASS III J.O. C14630-03

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. D. R. F. R. D. ENGINEER Date 3/21, 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 1-10-94 to 3-22-94, 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.

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

Date March 22 19 94

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-14

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 03-16-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C-14915-2, 1-SI-123
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 BORON INJECTION
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SI-123	N/A	N/A	N/A	VALVE BODY SA-182 GRADE F-316 PIPE SA-376 TYPE 304/ SA-312 TYPE 316	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 A LOCAL WELD REPAIR WAS PERFORMED ON THE SOCKET WELD JOINT
Applicable Manufacturer's Data Reports to be attached

CONNECTING THE VALVE AND PIPE. THE DEFECTED WELD METAL WAS
REMOVED, A PT EXAM WAS PERFORMED ON THE EXCAVATION AND ACCEPTED.
THE EXCAVATION WAS REWELDED AND THE PT EXAM ON FINAL WELD WAS
ACCEPTED.

Ref. JO: C-14915-2

File: 1-SI-123

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 6/1, 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 3-16-94 to 6-3-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Michigan, EN, P, I
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 3 19 94

4370-47

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 09/28/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 3
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C15094-01
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-GCTS-R44							
1/2" PLATE 12" X 12"	N/A	N/A	N/A	A36-89 / ASP-15650	N/A	REPLACE- MENT	NO
FLAT BAR ✓ 1/2" X 6"	N/A	N/A	N/A	A36-89 / ASP-13931	N/A	REPLACE- MENT	NO
1/2"X4"X4"✓ TUBE STEEL	N/A	N/A	N/A	A500-90GR.B ASP-14339 /	N/A	REPLACE- MENT	NO
1-GCTS-R59							

7. Description of Work FAB/INSTALL AND MODIFIED ADDENDUM 1 AUX BLDG. PIPE SUPPORTS PER THE DESIGN DRAWINGS FOR RFC-3081.

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.

NIS94-06

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 09/28/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 3
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C15094-01
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)
1/4" ANGLE/ 1.5"X 1.5"	N/A	N/A	N/A	A36-87 / ASP-11209	N/A	REPLACE- MENT	NO
C4 X 5.4 ✓ CHANNEL	N/A	N/A	N/A	A36-90 ✓ ASP-14434	N/A	REPLACE- MENT	NO
1-GCTS- R63.							
C4 X 5.4 CHANNEL ✓	N/A	N/A	N/A	A36-90 ✓ ASP-14434	N/A	REPLACE- MENT	NO
C4 X 5.4 ✓ CHANNEL	N/A	N/A	N/A	A36-89 ✓ ASP-12776	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 INSTALLED/MODIFIED: 1-GCTS-R44, 1-GCTS-R59 & 1-GCTS-
Applicable Manufacturer's Data Reports to be attached

R63. SUPPORTS MODIFIED TO MEET THEIR DESIGN BASIS. ALL VT-3'S
PERFORMED AND FOUND TO BE ACCEPTABLE.

ASME CLASS II / ISI CLASS II J.O. C15094-01

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 P. Van der R. FIELD ENGINEER Date 2/4/94, 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 1-7-93 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.

M. A. M. [Signature] Commissions MICHIGAN, END NIT
 Inspector's Signature National Board, State, Province, Endorsements

Date 2-7 19 94

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-06

4370-67

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 09/28/93
Name
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 5
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
- One Cook Place, Bridgman, MI 49106 J.O. C15094-01
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 ESSENTIAL SERVICE WATER
* 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-GESW R4004 <u>4194</u>							
SWAY STRUT SIZE C 12"	N/A	N/A	N/A	FIG. 211 ✓ ASP-16108	N/A	REPLACE-MENT	NO
C6 X 8.2 CHANNEL ✓	N/A	N/A	N/A	A36-89 ✓ ASP-13905	N/A	REPLACE-MENT	NO
1-GESW-R37							
C4 X 5.4 CHANNEL ✓	N/A	N/A	N/A	A36-90 ✓ ASP-14434	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL AND MODIFIED ADDENDUM 1 AUX BLDG. PIPE SUPPORTS PER THE DESIGN DRAWINGS FOR RFC-3081.
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.

NIS94-07

Page 117

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 09/28/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 5
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C15094-01
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 ESSENTIAL SERVICE WATER
* 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" HILTI BOLTS	N/A	N/A	N/A	HILTI KBII ASP-14640	N/A	REPLACE-MENT	NO
1.25" PLATE	N/A	N/A	N/A	A36-89 ASP-16401	N/A	REPLACE-MENT	NO
C4 X 5.4 CHANNEL	N/A	N/A	N/A	A36-89 ASP-12776	N/A	REPLACE-MENT	NO
1-GESW-R68							
1/2" PLATE	N/A	N/A	N/A	A36-89 ASP-12145	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 09/28/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 5
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C15094-01
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 ESSENTIAL SERVICE WATER
* 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-GESW-R71							
1/2" ANGLE 4" X 4" ✓	N/A	N/A	N/A	A36-89 / ASP-12507	N/A	REPLACE- MENT	NO
1/2" PLATE ✓	N/A	N/A	N/A	A36-89 / ASP-12145	N/A	REPLACE- MENT	NO
1-GESW-R75							
FLAT BAR 3/8" X 3" ✓	N/A	N/A	N/A	A36-90 / ASP-14115	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.

NIS94-07B

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 09/28/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 4 of 5
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C15094-01
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 ESSENTIAL SERVICE WATER
* 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-13675	N/A	REPLACE- MENT	NO
1-GESW- L90							
3/8" ANGLE 3" X 3" ✓	N/A	N/A	N/A	A36-89 ✓ ASP-12781	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.

NIS94-07C

FORM NIS-2 (Back)

9. Remarks SUPPORTS INSTALLED/MODIFIED: 1-⁶GESW-R4004, 1-GESW-R37, 1-GESW-
Applicable Manufacturer's Data Reports to be attached
R68, 1-GESW-R71, 1-GESW-R75 & 1-GESW-L90. SUPPORTS MODIFIED TO
DESIGN BASIS. ALL VT-3 PERFORMED AND FOUND TO BE ACCEPTABLE.
ASME CLASS II / ISI CLASS II J.O. C15094-01

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 *[Signature]* FIXED ENGINEER Date 2/4, 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 7-5-93 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.

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

Date 2-7 19 94
Feb 21-94

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-07



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 09/28/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 4
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C15094-01
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 FEEDWATER 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)
1-GFW-R116							
THREAD ROD 5/8" X 3' ✓	N/A	N/A	N/A	FIG.140N ✓ ASP-16108	N/A	REPLACE- MENT	NO
1-GFW-L111							
3/8" ANGLE 2" X 2" ✓	N/A	N/A	N/A	A36-88C ✓ ASP-11779	N/A	REPLACE- MENT	NO
1-GFW-R110							

7. Description of Work FAB/INSTALL AND MODIFIED ADDENDUM 1 AUX BLDG. PIPE
SUPPORTS PER THE DESIGN DRAWINGS FOR RFC-3081.

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.

NIS94-08

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 09/28/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 4
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C15094-01
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 FEEDWATER 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)
3/8" ANGLE 2" X 2"	N/A	N/A	N/A	A36-88C ASP-11779	N/A	REPLACE- MENT	NO
1-GFW-R108							
3/8" ANGLE 2 1/2" LEGS	N/A	N/A	N/A	A36-90 ASP-14325	N/A	REPLACE- MENT	NO
1-GFW-R104							
3/8" ANGLE 2" X 2"	N/A	N/A	N/A	A36-88C ASP-11779	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.

NIS94-08A

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 09/28/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 4
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C15094-01
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 FEEDWATER 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 or Replacement	ASME Code Stamped (Yes or No)
1-GFW-R100							
3/8" ANGLE 2" X 2"	N/A	N/A	N/A	A36-88C ✓ ASP-11779	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 INSTALLED/MODIFIED: 1-GFW-R116, 1-GFW-L111, 1-GFW-R110
Applicable Manufacturer's Data Reports to be attached
- 1-GFW-R108, 1-GFW-R104, 1-GFW-R100, SUPPORTS MODIFIED TO
DESIGN BASIS. ALL VT-3 PERFORMED AND FOUND TO BE ACCEPTABLE.
- ASME CLASS II / ISI CLASS II J.O. C15094-01

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. V. [Signature] Date 2/5, 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 4-8-93 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.

[Signature] Commissions M. H. DOSS, ENGINEER
 Inspector's Signature National Board, State, Province, Endorsements

Date 2-7 1994

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-08

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 4
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C15094-05
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 FEEDWATER
* 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-AFW-R4009							
1/2" ANGLE 3" X 3"	N/A	N/A	N/A	A36-89 ^X ✓ ASP-13430	N/A	REPLACE- MENT	NO
1/2" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ^X ✓ ASP-15201	N/A	REPLACE- MENT	NO
1/2" PLATE	N/A	N/A	N/A	A36-89 ^X ✓ ASP-15650	N/A	REPLACE- MENT	NO
1/4" FLAT BAR	N/A	N/A	N/A	A36-90 ^X ✓ ASP-14645	N/A	REPLACE- MENT	NO

7. Description of Work FAB AND INSTALL UNIT 1 SUFT AREA PIPE SUPPORTS PER RFC-3081.

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.

NIS94-59



2370-33

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 4
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C15094-05
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 FEEDWATER
* 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" ANCHOR (3) 7" LONG (1) 8.5" LG	N/A	N/A	N/A	HILTI KBII ASP-14398 ✓	N/A	REPLACE- MENT	NO
1-GFW-R834							
1/2" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ✓ ASP-15201 ✗	N/A	REPLACE- MENT	NO
1" PLATE	N/A	N/A	N/A	A36-90 ✗ ASP-14252 ✗	N/A	REPLACE- MENT	NO
3/8" ANGLE 3" X 3"	N/A	N/A	N/A	A36-90 ✗ ASP-15971 ✗	N/A	REPLACE- MENT	NO

7. Description of Work FAB AND INSTALL UNIT 1 SUFT AREA PIPE SUPPORTS PER RFC-3081.
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.

NIS94-59A

2370-33

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 4
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C15094-05
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 FEEDWATER
* 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"x2 1/2 FLATBAR	N/A	N/A	N/A	A36-88C ✓ ASP-12240 ×	N/A	REPLACE- MENT	NO

7. Description of Work FAB AND INSTALL UNIT 1 SUFT AREA PIPE SUPPORTS PER RFC-3081.

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.

NIS94-59A

FORM NIS-2 (Back)

9. Remarks 1-AFW-R4009 ASME CLASS II / ISI CLASS II.
Applicable Manufacturer's Data Reports to be attached
- 1-GFW-R834 ASME CLASS II / ISI CLASS III.
- VT-3 PERFORMED AND FOUND TO BE ACCEPTABLE J.O. C22358-09

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 4/26, 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 8-2-93 to 5-4-94, 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 ODSS, ENDRFI
 Inspector's Signature National Board, State, Province, Endorsements

Date May 4 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 03-12-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C15142-3, 1-NRV-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 PRESSURIZER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-NRV-151 EXISTING BONNET	N/A	N/A	N/A	A-351 GR.CF8M	N/A	REPAIRED MACHINED	NO
SEAT RING	DRESSER IND. MASONEILAN DIV.	N/A	N/A	ASTM A-276 TYPE 316 ME30-042230 ASP#14034	1988	REPLACE-MENT	NO
PLUG	DRESSER IND. MASONEILAN DIV.	N/A	N/A	ASME SA-479 TYPE 316 ME30-042070 ASP#13801	1988	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 VALVE BONNET GASKET SEATING SURFACE WAS MACHINED TO REMOVE
Applicable Manufacturer's Data Reports to be attached
- PITTED AREAS, PT EXAM WAS PERFORMED ON SEATING SURFACE AND ACC.
- THE VALVE SEAT RING AND PLUG WERE REPLACED.
- Ref. JO: C15142-3 File: 1-NRV-151 ISI:1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/12, 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 3-10-94 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.

[Signature] Commissions MICHOSS, ENDNGE
 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 06-23-93
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 C-15491-2,1-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)
1-CS-353						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:C15491-2 File: 1-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 4-8-93 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.

Ruby 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 04-23-93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C15539-1.1-ORV-400.2"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)
1-QRV-400	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
BONNET ASSY.	ITT ENGINEERED VALVES	N/A	N/A	SA-351 CF8 M&E30040529 ASP#14553	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure 4.272

N/A ☐ Other VT-2 Pressure _____ psi Test Temp. _____ °F

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



FORM NIS-2 (Back)

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

Ref. JO: C-15539-1

File: 1-ORV-400

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 4-23-93 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 M. 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 06-03-93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C15848-3 1-MRV-233
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 MEAN STEAM *MNIN 201 7-12-91*
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MRV-233	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
PLUG & STEM ASSEMBLY	FISHER CONTROLS	N/A	N/A	ME30-040007 ASP#15944	N/A	REPLACE-MENT	NO
CAGE	FISHER CONTROLS	N/A	N/A	ME30-039866 ASP#14889	N/A	REPLACE-MENT	NO
PRIMARY PLUG	EXISTING	N/A	N/A	SA-564 COCR-A	N/A	REPAIRED MACHINED	NO

7. Description of Work (See Remarks)

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

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

FORM NIS-2 (Back)

Remarks REPLACED PLUG / STEM ASSEMBLY AND CAGE, ALSO MACHINED PRIMARY
Applicable Manufacturer's Data Reports to be attached

PLUG SEATING SURFACE.

Ref. JO:C15848-3

File:1-MRV-233

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 7/7, 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 to 7-12-94, 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 Mich. # 586 (N+I)

National Board, State, Province, Endorsements

Date 7-7 1994

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04-14-94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 C16127-4 & 15, 1-MCM-231
Address Repair Org. P.O. No., Job No., etc _____
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name _____
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, _____
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MCM-231	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
VALVE PARTS STEM BONNET PLUG ASSY.	EDWARD VALVES INC.	N/A	N/A	ME30-038295 ASP#14157	N/A	REPLACE-MENT	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 ALL PARTS REPLACED ON ACT. 4 WERE REMOVED AND A COMPLETE NEW
Applicable Manufacturer's Data Reports to be attached

VALVE WAS DRAWN OUT OF STOCK, THE BONNET, STEM, AND PLUG ASSEMBLY
WERE REMOVED AND INSTALLED IN EXISTING VALVE PER ACT. 15.

Ref. JO: C16127-4, 15 File: 1-MCM-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/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 6/1, 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 3/30/94 to 6/13/94, 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 Mich 0055, END N/E
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 3 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 03-31-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C16127-10, 1-MCM-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)
1-MCM-231	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
EXISTING DISC & DISC NUT PIN	N/A	N/A	N/A	DISC NUT PIN SA-105 DISC SA-182	N/A	REPAIRED	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 VALVE WAS DISASSEMBLED FOR REPAIR AND REPACKING, THE DISC NUT
Applicable Manufacturer's Data Reports to be attached

PIN WAS WELDED TO THE DISC DURING REASSEMBLY.

Ref. JO:C16127-10

File: 1-MCM-231.

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 5/2, 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 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

2310 71

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 03/15/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C16903-01
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 FEEDWATER
* 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-GFW-R827							
3/8" PLATE	N/A	N/A	N/A	A36-90 <input checked="" type="checkbox"/> ASP-16047	N/A	REPLACE-MENT	NO
1/4" PLATE	N/A	N/A	N/A	A36-89 <input checked="" type="checkbox"/> ASP-12781	N/A	REPLACE-MENT	NO
1/8" X 2" FLAT BAR	N/A	N/A	N/A	A570-90 <input checked="" type="checkbox"/> GRADE 45 ASP-14560	N/A	REPLACE-MENT	NO

7. Description of Work FAB / INSTALL ADD. 3&4 (U#1 AUX) PIPE SUPPORTS PER RFC-3080)

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.

NIS94-65

FORM NIS-2 (Back)

9. Remarks VT-3/4 WAS PERFORMED AND FOUND TO BE ACCEPABLE.
Applicable Manufacturer's Data Reports to be attached

ASME CLASS NA / ISI CLASS IIJ.O.C16903-01

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/ASigned [Signature] FIELD ENGINEER 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 12-6-93 to 5-16-94, 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.

[Signature] Commissions MICH COSS, ENDRY
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 16 19 94

NIS94-65

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 03/12/94
 Name _____
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 4
 Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name _____
One Cook Place, Bridgman, MI 49106 J.O. C16903-02
 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 CHEMICAL 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)
1-GCS-R111							
1/8" X 3" FLAT BAR	N/A	N/A	N/A	A570-90GR45 ASP-14681	N/A	REPLACE-MENT	NO
3/4" DIA WASHERS	N/A	N/A	N/A	F436 ASP-15972	N/A	REPLACE-MENT	NO
2 1/2" SCH 40 PIPE	N/A	N/A	N/A	SA106 GR.B ASP-9965	N/A	REPLACE-MENT	NO
1-GCS-R112							

7. Description of Work FAB AND INSTALL UNIT #1 AUX BLDG PIPE SUPPORTS PER RFC-3080.

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.

NIS94-33

2510-48

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

- Owner INDIANA MICHIGAN POWER COMPANY Date 03/12/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 4
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C16903-02
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. LAKELAND, FL. 33811 Expiration Date 12/31/94
Address
4. Identification of System CHEMICAL 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)
1/4" X 3" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14900	N/A	REPLACE-MENT	NO
1-GCS-R113							
1/4" X 3" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14900	N/A	REPLACE-MENT	NO
1-GCS-R115							
1/8" X 3" FLAT BAR	N/A	N/A	N/A	A570-90 GRADE 45 ASP-14681	N/A	REPLACE-MENT	NO

7. Description of Work FAB AND INSTALL UNIT #1 AUX BLDG PIPE SUPPORTS PER RFC-3080.

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.

NIS94-33A

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 03/12/94
Name _____
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 4
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name _____
One Cook Place, Bridgman, MI 49106 J.O. C16903-02
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 CHEMICAL 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" ANGLE 2" X 2"	N/A	N/A	N/A	A36-88C ASP-11779	N/A	REPLACE- MENT	NO

7. Description of Work FAB AND INSTALL UNIT #1 AUX BLDG PIPE SUPPORTS PER RFC-3080.

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.

NIS94-33C

FORM NIS-2 (Back)

9. Remarks SUPPORTS INSTALLED/MODIFIED: 1-GCS-R111, 1-GCS-R112, 1-GCS-R113
Applicable Manufacturer's Data Reports to be attached

& 1-GCS-R115 . SUPPORTS MODIFIED TO THE DESIGN BASIS.

ASME CLASS II / ISI CLASS II

J.O. C16903-02

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 CWJ/L: Field Engineer Date 4/27, 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 4-14-94 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.

Inspector's Signature Rocky W. White Commissions Mich. #886 (NFI)
National Board, State, Province, Endorsements

Date 4-27- 19 94

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-33

2570-51

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 03/12/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C16903-02
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)
1-GCTS-R68	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO

7. Description of Work MODIFY EXISTING STANCHION PLATE TO OBTAIN CLEARANCE FOR ANCHOR BOLT. (PER RFC-3080)

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.

NIS94-41

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

VT-3 PERFORMED AND FOUND TO BE ACCEPTABLE.

ASME CLASS II / ISI CLASS II

J.O. C16903-02

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

Signed C. Van Dyke Field Engineer Date 4/18, 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 1-31-94 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.

Robert M. White Commissions Mich. #886 (Mich Ind. N+I)
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-27- 19 94

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-41

2510-52

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 03/12/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C16903-02
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 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)
1-GRH-L51							
1/4" PLATE	N/A	N/A	N/A	A36-89 ASP-12781	N/A	REPLACE- MENT	NO
1-GSI-L22							
3/8" X 3" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-16013	N/A	REPLACE- MENT	NO
1/2" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-15325	N/A	REPLACE- MENT	NO

7. Description of Work FAB AND INSTALL UNIT #1 AUX BLDG PIPE SUPPORTS PER RFC-3080.

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.

NIS94-36

FORM NIS-2 (Back)

Remarks SUPPORTS INSTALLED/MODIFIED: 1-GRH-L51 AND 1-GSI-L22
Applicable Manufacturer's Data Reports to be attached

SUPPORTS MODIFIED TO DESIGN BASIS.

VT-3 PERFORMED AND FOUND TO BE ACCEPTABLE.

ASME CLASS II / ISI CLASS II

J.O. C16309-02

903
4-26-94

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] FIXED ENGINEER Date 4/19, 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 1-31-94 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.

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

Date 4-27- 19 94

*FACTORY MUTUAL ENGINEERING ASSOCIATION.

NIS94-36



2370-11

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/13/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C16903-04
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 RESIDUAL HEAT REMOVAL
* 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-GRH-R4							
3"X3"X1/4" TUBE STEEL	N/A	N/A	N/A	A500-90 GRB ASP-14481 X	N/A	REPLACE-MENT	NO
1/2" ANGLE 5" X 3"	N/A	N/A	N/A	A36-90 ASP-14437	N/A	REPLACE-MENT	NO
1/2" X 2" FLAT BAR	N/A	N/A	N/A	A36-88C ASP-12240 X	N/A	REPLACE-MENT	NO
3/4" ANCHOR 5 1/2" LG	N/A	N/A	N/A	HILTI KBII ASP-14398 X	N/A	REPLACE-MENT	NO

7. Description of Work FAB AND INSTALL U1 AUX BLD SUPPORTS PER ADDENDUM 10
(PER RFC-3080)

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.

NIS94-52

FORM NIS-2 (Back)

9. Remarks VT-3/4 WAS PERFORMED AND FOUND TO BE ACCEPTABLE.
Applicable Manufacturer's Data Reports to be attached

ASME CLASS II / ISI CLASS IIJ.O.C16903-04

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. R. Field Engineer Date 4/26, 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 3-18-94 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.

Ruby W. White
 Inspector's Signature

Commissions

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

Date 4-27-1994

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-52

2370-14

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/12/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C16903-05
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)
1-GCTS-L56							
3/8" FLAT BAR	N/A	N/A	N/A	SA36-A89 ASP-14325	N/A	REPLACE-MENT	NO

7. Description of Work FAB AND INSTALL PIPE SUPPORT 1-GCTS-L56

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.

NIS94-43

FORM NIS-2 (Back)

9. Remarks VT-3/4 PERFORMED AND FOUND TO BE ACCEPTABLE.
Applicable Manufacturer's Data Reports to be attached

MAXIM
ASME CLASS II/ ISI CLASS II

J.O. C16903-05

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 4/27, 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 3-21-74 to 5-4-74, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. Thompson Commissions MASS, END NFI
 Inspector's Signature National Board, State, Province, Endorsements

Date May 4 19 74

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-43

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 03/29/94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 4
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name _____
- One Cook Place, Bridgman, MI 49106 J.O. C17376-01
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-GCTS-R502							
3/8" X 2" FLAT BAR	N/A	N/A	N/A	A36-89 ASP-13675 ✓	N/A	REPLACE-MENT	NO
11GA(1/8") SHEET	N/A	N/A	N/A	A570-90GR45 ASP-14426 ✓	N/A	REPLACE-MENT	NO
1-GCTS-R513							
3/8"x 4" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-15120 ✓	N/A	REPLACE-MENT	NO

7. Description of Work FAB AND INSTALL UNIT ONE CONTAINMENT PIPE SUPPORTS
PER RFC 3080

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.

NIS94-32

2370-32

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 03/29/94
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 4
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 J.O. C17376-01
 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-ACTS-R5303							
3/8" HEX NUTS	N/A	N/A	N/A	A563GR.A ASP-13582✓	N/A	REPLACE-MENT	NO
3/8" X 2" U-BOLT ✓	N/A	N/A	N/A	FIG 137 ASP-13582✓	N/A	REPLACE-MENT	NO
1-GCTS-R584							
3/8" X 2" U-BOLT ✓	N/A	N/A	N/A	A36-90 ASP-13582✓	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.

NIS94-32A

Page 157

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 03/29/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 4
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17376-01
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)
3/4" PLATE	N/A	N/A	N/A	A36-90 ASP-14793V	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 INSTALLED/MODIFIED: 1-GCTS-502, 1-GCTS-R513,
Applicable Manufacturer's Data Reports to be attached
1-ACTS-R5303, AND 1-GCTS-R584. SUPPORTS MODIFIED TO THEIR
DESIGN BASIS. VT-3 PERFORMED AND FOUND TO BE ACCEPTABLE ON
HANGERS 1-GCTS-R502 & 1-GCTS-R513.
ASME CLASS II / ISI CLASS II J.O. C17376-01

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 R. Fixed Engineer Date 4/18; 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 3-10-94 to 4-19-94, 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 Commissions Mich. #688 (N+I)
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-19- 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 04/12/94
Name
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
- One Cook Place, Bridgman, MI 49106 J.O. C17376-09
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
* 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-GRC-R622	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO

7. Description of Work RESTORE SUPPORT 1-GRC-R622; ADDITIONAL 1/4" FILLET WELDS WERE ADDED IN 3 LOCATIONS AROUND THE EXISTING 4" PIPE CLAMP AND STIFFENER PLATE LOCATIONS.

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

Applicable Manufacturer's Data Reports to be attached

VT-3 PERFORMED AND WAS FOUND TO BE ACCEPTABLE.ASME CLASS I / ISI CLASS IJ.O. C17376-09

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 C. Van R. Field Engineer Date 4/18, 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 3-27-94 to 4-26-94, 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.

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

Date 4-26-1994

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-41

2370-29

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 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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)
1-GCTS- / R681							
1/2" X 4" U-BOLT STD	N/A	N/A	N/A	FIG. 137 ASP-7929 ✓	N/A	REPLACE-MENT	NO
1/2" DIA. HEX NUTS	N/A	N/A	N/A	A194-88A GRADE 2H ASP-13381 ✓	N/A	REPLACE-MENT	NO
1-GCTS- / R683							
1/2"x 4" U-BOLT, STD	N/A	N/A	N/A	FIG.137 ASP-7929 ✓	N/A	REPLACE-MENT	NO

7. Description of Work FAB/INSTALL AND MODIFIED UNIT 1 UPPER VOLUME RING HEADER SUPPORTS PER DESIGN DRAWINGS FOR RFC-3081.

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.

2370-29

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 01/20/94

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

Sheet 2 of 37

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

Unit 1

One Cook Place, Bridgman, MI 49106
Address

J.O. C17439-01
Repair Org. P.O. No., Job No., etc

3. 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

4. Identification of System CONTAINMENT SPRAY

* 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 Replaced or Replacement	ASME Code Stamped (Yes or No)
1/2" DIA. HEX NUTS	N/A	N/A	N/A	A194-88A GRADE 2H X ASP-13381	N/A	REPLACE- MENT	NO
1/2" PLATE STAINLESS	N/A	N/A	N/A	A240-91A GRADE T304 X ASP-15677	N/A	REPLACE- MENT	NO
1-GCTS-R685							
1/2"x 4" U-BOLT	N/A	N/A	N/A	FIG. 137 ASP-7929 X	N/A	REPLACE- MENT	NO
1/2" DIA. HEX NUT	N/A	N/A	N/A	A194-88A GRADE 2H X ASP-13381	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.

2370-29

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 01/20/94
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 37
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
 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" FLAT BAR	N/A	N/A	N/A	A36-89 X ASP-13963	N/A	REPLACE- MENT	NO
1-GCTS- R687							
1/2" PLATE STAINLESS	N/A	N/A	N/A	A240-91A GRADE T304 X ASP-15677	N/A	REPLACE- MENT	NO
1/2" DIA HEX NUT	N/A	N/A	N/A	A-194-88A GRADE 2H X ASP-13381	N/A	REPLACE- MENT	NO
1-GCTS- R689							

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.

2370-29

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 01/20/94

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

Sheet 4 of 37

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

Unit 1

One Cook Place, Bridgman, MI 49106
Address

J.O. C17439-01
Repair Org. P.O. No., Job No., etc

3. Work Performed by NISCO
Name
2830 PARKWAY ST. LAKELAND, FL. 33811
Address

Type Code Symbol Stamp V
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)
1/2" X 4" U-BOLT STD	N/A	N/A	N/A	FIG 137 <input checked="" type="checkbox"/> ASP-7929	N/A	REPLACE-MENT	NO
1/2" DIA HEX NUTS	N/A	N/A	N/A	A194-88A <input checked="" type="checkbox"/> GRADE 2H ASSP-13381	N/A	REPLACE-MENT	NO
3/8" FLAT BAR	N/A	N/A	N/A	A36-90 <input checked="" type="checkbox"/> ASP-14115	N/A	REPLACE-MENT	NO
1-GCTS- <input checked="" type="checkbox"/> R671							
3"X3"X1/4" TUBE STL.	N/A	N/A	N/A	A500-90GR.B <input checked="" type="checkbox"/> ASP-14481	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.

NIS94-12C

2370-29

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 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 5 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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" C.S. PLATE	N/A	N/A	N/A	A36-90 X ASP-16047	N/A	REPLACE-MENT	NO
1-GCTS- R673 ✓							
5/8" X 6" U-BOLT	N/A	N/A	N/A	FIG-137 X ASP-16503	N/A	REPLACE-MENT	NO
5/8" DIA HEX NUT	N/A	N/A	N/A	SA-194 GR.2H X ASP-14300	N/A	REPLACE-MENT	NO
1-GCTS- R675 ✓							

7. Description of Work FAB/INSTALL AND MODIFIED ADDENDUM 1 AUX BLDG. PIPE SUPPORTS PER THE DESIGN DRAWINGS FOR RFC-3081.

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.

NIS94-12D

2370-29

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 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 6 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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" FLAT BAR	N/A	N/A	N/A	A36-89 ASP-13963 X	N/A	REPLACE-MENT	NO
1/2" PLATE	N/A	N/A	N/A	A-36-89 ASP-14282 X	N/A	REPLACE-MENT	NO
3/8" C.S. PLATE	N/A	N/A	N/A	A36-90 ASP-16047 X	N/A	REPLACE-MENT	NO
3'X3"X1/4" TUBE STL.	N/A	N/A	N/A	A500-90 GR.B ASP-14481 X	N/A	REPLACE-MENT	NO
1-GCTS-R677							

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.

NIS94-12E

2370-29

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 01/20/94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 7 of 37
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name _____
- One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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)
1/2" PLATE STAINLESS	N/A	N/A	N/A	A240-91A GRADE T304 ✓ ASP-15677	N/A	REPLACE-MENT	NO
5/8" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR 2H ✓ ASP-14300	N/A	REPLACE-MENT	NO
5/8" X 6" U-BOLT	N/A	N/A	N/A	FIG 137 ✓ ASP-16503	N/A	REPLACE-MENT	NO
1-GCTS- R679 ✓							
1/4"X3"X3" TUBE STL	N/A	N/A	N/A	A500-GR B ✓ ASP-8034	N/A	REPLACE-MENT	NO

7. Description of Work SEE PAGE 1 FOR DESCRIPTION (THIS PAGE IS FOR ADDITIONAL COMPONENTS).
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☒ Other ☐ Pressure _____ psi Test Temp. _____ °F

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 8 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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)
3/8" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ✓ ASP-14282	N/A	REPLACE-MENT	NO
1/2" X 3" FLAT BAR	N/A	N/A	N/A	A36-90 ✗ ASP-13963	N/A	REPLACE-MENT	NO
1-GCTS-R625							
5/8" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR 2H ✗ ASP-14300	N/A	REPLACE-MENT	NO
1/2" PLATE STAINLESS	N/A	N/A	N/A	A240-91A ✗ GRADE T304 ASP-15677	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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 9 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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)
1/4" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14422 X	N/A	REPLACE-MENT	NO
1/2" X 3" FLAT BAR	N/A	N/A	N/A	A36-89 ASP-13963 X	N/A	REPLACE-MENT	NO
3/8" ANGLE 2" X 2"	N/A	N/A	N/A	A36-88C ASP-11779 X	N/A	REPLACE-MENT	NO
1-GCTS-R627							

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.

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 10 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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" FLAT BAR	N/A	N/A	N/A	A36-90 X ASP-15325	N/A	REPLACE-MENT	NO
1/2" ANGLE 4" X 4"	N/A	N/A	N/A	A36-89 X ASP-13946	N/A	REPLACE-MENT	NO
3"X3"X1/4" TUBE STL	N/A	N/A	N/A	A500 GR.B X ASP-8034	N/A	REPLACE-MENT	NO
3"X3"X1/4" TUBE STL	N/A	N/A	N/A	A500-90 GR B ASP-14481 X	N/A	REPLACE-MENT	NO
1-GCTS-R629							

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.

NIS94-12I

2370-29

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 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 11 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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)
5/8" NUT HVY HEX	N/A	N/A	N/A	SA-194 GR 2H ASP-14300 X	N/A	REPLACE- MENT	NO
1/4" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 X ASP-14422	N/A	REPLACE- MENT	NO
5/8" X 8" U-BOLT	N/A	N/A	N/A	FIG 137 X ASP-16503	N/A	REPLACE- MENT	NO
1-GCTS- R631							
1/2" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 X ASP-15325	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.

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 12 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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"X3"X1/4" TUBE STL	N/A	N/A	N/A	A500-90 GR B ASP-14481 X	N/A	REPLACE-MENT	NO
1/2" ANGLE 4" X 4"	N/A	N/A	N/A	A36-89 X ASP-13946	N/A	REPLACE-MENT	NO
1/4"X3"X3" TUBE STL	N/A	N/A	N/A	A500 GR B ASP-8034 X	N/A	REPLACE-MENT	NO
1-GCTS-R633							
5/8" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR 2H ASP-14300 X	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.

2370-29

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 01/20/94
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 13 of 37
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
 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-GCTS- R635							
1/2" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-15325 X	N/A	REPLACE- MENT	NO
3"X3"X1/4 TUBE STL	N/A	N/A	N/A	A500-90GR B ASP-14481 X	N/A	REPLACE- MENT	NO
3"X3"X1/4" TUBE STL	N/A	N/A	N/A	A500 GR B ASP-8034 X	N/A	REPLACE- MENT	NO
1/2" ANGLE 4" X 4"	N/A	N/A	N/A	A36-89 ASP-13946 X	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.

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09/28/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 14 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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 / MDU 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" PLATE	N/A	N/A	N/A	A36-90 X ASP-14252	N/A	REPLACE- MENT	NO
C4 X 5.4 CHANNEL	N/A	N/A	N/A	A36-89 X ASP-12776	N/A	REPLACE- MENT	NO
3/8" X 3" FLAT BAR	N/A	N/A	N/A	A36-90 X ASP-14115	N/A	REPLACE- MENT	NO
1/2" X 3" FLAT BAR	N/A	N/A	N/A	A36-89 X ASP-13963	N/A	REPLACE- MENT	NO
1-GCTS-R637							

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.

NIS94-12M

2370-29.

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 09/28/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 15 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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 T304 ✓ ASP-15677	N/A	REPLACE- MENT	NO
5/8" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR 2H ASP-14300 ✓	N/A	REPLACE- MENT	NO
5/8" X 8" U-BOLT	N/A	N/A	N/A	FIG 137 ✓ ASP-16503	N/A	REPLACE- MENT	NO
3/8" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ✓ ASP-14282	N/A	REPLACE- MENT	NO
1-GCTS- R639							

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.

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09/28/93
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 16 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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)
1/2" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ✓ ASP-15325	N/A	REPLACE-MENT	NO
1/4"X3"X3" TUBE STL	N/A	N/A	N/A	A500-90GR B ASP-14481 ✓	N/A	REPLACE-MENT	NO
1/2" ANGLE 4" X 4"	N/A	N/A	N/A	A36-89 ✓ ASP-13946	N/A	REPLACE-MENT	NO
1/4"X3"3" TUBE STL	N/A	N/A	N/A	A500 GR B ✓ ASP-8034	N/A	REPLACE-MENT	NO
1-GCTS-R641							

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

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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 17 of 37
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
 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)
5/8" X 6" U-BOLT	N/A	N/A	N/A	FIG 137. <input checked="" type="checkbox"/> ASP-16503	N/A	REPLACE-MENT	NO
5/8" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR 2H. <input checked="" type="checkbox"/> ASP-14300	N/A	REPLACE-MENT	NO
1-GCTS-R642							
1/2" X 3" FLAT BAR	N/A	N/A	N/A	A36-89 <input checked="" type="checkbox"/> ASP-13963	N/A	REPLACE-MENT	NO
1/4" X 2" X 2" TUBE STL	N/A	N/A	N/A	A500-90GR B <input checked="" type="checkbox"/> ASP-14361	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

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NIS94-12P

2370-29

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 01/20/94
Name _____
P.O. Box 60 Fort Wayne, IN 46801 Sheet 18 of 37
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name _____
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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-GCTS-R643 ✓							
5/8" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR 2H _X ASP-14300	N/A	REPLACE-MENT	NO
5/8" X 6" U-BOLT	N/A	N/A	N/A	FIG 137 _X ASP-16503	N/A	REPLACE-MENT	NO
1-GCTS-R645 ✓							
5/8" X 6" U-BOLT	N/A	N/A	N/A	FIG 137 _X ASP-16503	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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 19 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR 2H ASP-14300 ✓	N/A	REPLACE- MENT	NO
1-GCTS- R647 ✓							
5/8" X 6" U-BOLT	N/A	N/A	N/A	FIG 137 ✓ ASP-16503	N/A	REPLACE- MENT	NO
5/8" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR 2H ASP-14300 ✓	N/A	REPLACE- MENT	NO
1-GCTS- R649							

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

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2370-29

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 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 20 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR 2H ASP-14300 ✓	N/A	REPLACE-MENT	NO
5/8" X 6" U-BOLT	N/A	N/A	N/A	FIG 137 ASP-16503 ✓	N/A	REPLACE-MENT	NO
1-GCTS-R653							
5/8" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR 2H ASP-14300 ✓	N/A	REPLACE-MENT	NO
1/2" PLATE STAINLESS	N/A	N/A	N/A	A240-91A GRADE T304 ASP-15677 ✓	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

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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 21 of 37
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
 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)
1-GCTS-R655							
1/2" ANGLE 4" X 4"	N/A	N/A	N/A	A36-89 ASP-13946 X	N/A	REPLACE- MENT	NO
5/8" X 6" FLAT BAR	N/A	N/A	N/A	A36-90 X ASP-14686	N/A	REPLACE- MENT	NO
1" X 3" FLAT BAR	N/A	N/A	N/A	A36-90 X ASP-15569	N/A	REPLACE- MENT	NO
1-GCTS-R656							

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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 22 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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)
1/2" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-15325 ✓	N/A	REPLACE-MENT	NO
4" X 8.5 T-STEEL	N/A	N/A	N/A	2 SIDE (WF) NOTCHED A36	N/A	REPAIRED	NO
1-GCTS-R657							
5/8" X 6" U-BOLT	N/A	N/A	N/A	FIG 137 ASP-16503 ✓	N/A	REPLACE-MENT	NO
5/8" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR.2H ASP-14300 ✓	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

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2370-29

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 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 23 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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
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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-GCTS-R659							
1" X 3" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-15569 X	N/A	REPLACE-MENT	NO
1/2" ANGLE 4" X 4"	N/A	N/A	N/A	A36-89 ASP-13946 X	N/A	REPLACE-MENT	NO
5/8" X 6" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14686 X	N/A	REPLACE-MENT	NO
1-GCTS-R660							

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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 24 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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" FLAT BAR	N/A	N/A	N/A	A36-90 <input checked="" type="checkbox"/> ASP-15325	N/A	REPLACE-MENT	NO
4" X 8.5 T-STEEL	N/A	N/A	N/A	1 SIDE (WF) NOTCHED.A36	N/A	REPLACE-MENT	NO
1-GCTS-R661							
5/8" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR 2H ASP-14300 <input checked="" type="checkbox"/>	N/A	REPLACE-MENT	NO
1/2" PLATE STAINLESS	N/A	N/A	N/A	A240-91A GRADE T304 <input checked="" type="checkbox"/> ASP-15677	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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 25 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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)
5/8" X 6" U-BOLT	N/A	N/A	N/A	FIG. 137 X ASP-16503	N/A	REPLACE-MENT	NO
1-GCTS-R662							
1/2" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 X ASP-15325	N/A	REPLACE-MENT	NO
4" X 8.5 T-STEEL	N/A	N/A	N/A	2 SIDES (WF) NOTCHED.A36	N/A	REPAIRED	NO
1-GCTS-R663							

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

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2370-29

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 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 26 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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" ANGLE 4" X 4"	N/A	N/A	N/A	A36-89 ASP-13946 ✓	N/A	REPLACE- MENT	NO
5/8" X 6" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14686 ✓	N/A	REPLACE- MENT	NO
1" X 3" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-15569 ✓	N/A	REPLACE- MENT	NO
5/8" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR.2H ASP-14300 ✓	N/A	REPLACE- MENT	NO
1/2" ANGLE 4" X 4"	N/A	N/A	N/A	A36-89 ASP-13946 ✓	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.

2370-29

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 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 27 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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)
1-GCTS-R665							
7/8" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR 2H ASP-13288 X	N/A	REPLACE-MENT	NO
1-GCTS-R667							
1/4"X3"X3" TUBE STL	N/A	N/A	N/A	A500-90GR B ASP-14481 X	N/A	REPLACE-MENT	NO
1/4"X2"X2" TUBE STL	N/A	N/A	N/A	A500-90GR B ASP-14361 X	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

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2370-29

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 01/20/94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 28 of 37
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name _____
- One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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" X 2" FLAT BAR	N/A	N/A	N/A	A36-89 X ASP-13675	N/A	REPLACE-MENT	NO
1-GCTS-R669							
1/2" PLATE STAINLESS	N/A	N/A	N/A	A240-91A X GRADE T304 ASP-15677	N/A	REPLACE-MENT	NO
5/8" X 6" U-BOLT	N/A	N/A	N/A	FIG. 137 X ASP-16503	N/A	REPLACE-MENT	NO
5/8" NUTS HVY HEX	N/A	N/A	N/A	SA194 GR 2H X ASP-14300	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

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2370-29

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 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 29 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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-GCTS-R690							
1/2" X 4" U-BOLT	N/A	N/A	N/A	FIG 137 ASP-7929 X	N/A	REPLACE-MENT	NO
1/2" NUTS HVY HEX	N/A	N/A	N/A	A194-88A GRADE 2H ASP-13381 X	N/A	REPLACE-MENT	NO
1-GCTS-R691							

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

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2370-29

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 01/20/94

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

Sheet 30 of 37

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

Unit 1

One Cook Place, Bridgman, MI 49106
Address

J.O. C17439-01
Repair Org. P.O. No., Job No., etc

3. Work Performed by NISCO
Name

Type Code Symbol Stamp V

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 / 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 Replaced or Replacement	ASME Code Stamped (Yes or No)
1/2" NUTS HVY HEX	N/A	N/A	N/A	A194-88A GRADE 2H X ASP-13381	N/A	REPLACE-MENT	NO
1/2" X 4" U-BOLT	N/A	N/A	N/A	FIG 137 X ASP-7929	N/A	REPLACE-MENT	NO
1-GCTS-R692							
1/2" NUTS HVY HEX	N/A	N/A	N/A	A194-88A GRADE 2H X ASP-13381	N/A	REPLACE-MENT	NO
1/2" X 4" U-BOLT	N/A	N/A	N/A	FIG 137 X ASP-7929	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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 31 of 37
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name _____
- One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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 / 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 Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GCTS-R706							
3/8" ANGLE 3" X 3"	N/A	N/A	N/A	A36-90 ASP-15971 X	N/A	REPLACE- MENT	NO
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	A36-90 ASP-15411 X	N/A	REPLACE- MENT	NO
1/2" X 3" U-BOLT	N/A	N/A	N/A	FIG. 137 X ASP-11959	N/A	REPLACE- MENT	NO
1-GCTS-R707							

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

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1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 32 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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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1983 ADDENDA
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Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	A36-90 ✓ ASP-15411	N/A	REPLACE- MENT	NO
3/8"X 3" FLAT BAR	N/A	N/A	N/A	A36-90 ✗ ASP-14115	N/A	REPLACE- MENT	NO
1-GCTS- R708							
1/2" PLATE STAINLESS	N/A	N/A	N/A	A240-91A ✗ GRADE T304 ASP-15677	N/A	REPLACE- MENT	NO
1-GCTS- R711							

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

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As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 33 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
- One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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)
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	A36-90 X ASP-15411	N/A	REPLACE- MENT	NO
1-GCTS- R712							
1/2" X 3" FLAT BAR	N/A	N/A	N/A	A36-89 X ASP-13963	N/A	REPLACE- MENT	NO
1/4" PLATE	N/A	N/A	N/A	A36-89 X ASP-12781	N/A	REPLACE- MENT	NO
1-GCTS- R718							

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

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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
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1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 34 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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)
5/8" X 6" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14686 X	N/A	REPLACE-MENT	NO
1/4" X 2.5" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14645 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
1-GCTS-R644							
3/8" ANGLE 3" X 3"	N/A	N/A	N/A	A36-90 ASP-15971 X	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

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1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 35 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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
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* 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)
5/8" X 6" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14686 X	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

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As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 36 of 37
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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
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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
1-GCTS-R681, 1-GCTS-R683, 1-GCTS-R685, 1-GCTS-R687, 1-GCTS-R689, 1-GCTS-R671,
1-GCTS-R673, 1-GCTS-R675, 1-GCTS-R677, 1-GCTS-R679, 1-GCTS-R625, 1-GCTS-R627,
1-GCTS-R629, 1-GCTS-R641, 1-GCTS-R642, 1-GCTS-R643, 1-GCTS-R644, 1-GCTS-R645,
1-GCTS-R647, 1-GCTS-R649, 1-GCTS-R653, 1-GCTS-R655, 1-GCTS-R669, 1-GCTS-R656,
1-GCTS-R662, 1-GCTS-R665, 1-GCTS-R667, 1-GCTS-R690, 1-GCTS-R691, 1-GCTS-R692,
1-GCTS-R706, 1-GCTS-R707, 1-GCTS-R708, 1-GCTS-R711, 1-GCTS-R712, 1-GCTS-R718
1-GCTS-R631, 1-GCTS-R633, 1-GCTS-R635, 1-GCTS-R637, 1-GCTS-R639, 1-GCTS-R657
1-GCTS-R659, 1-GCTS-R660, 1-GCTS-R661, & 1-GCTS-R663.
ASME CLASS II / ISI CLASS II J.O.C17439-01

NIS94-12Z(I)



FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

ASME CLASS II / ISI CLASS II

J.O.C17439-01

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. D. P. Field Engineer 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 12-13-93 to 5-16-94, 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.

Inspector's Signature

Commissions MICHOSS, ENDET
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 16 19 94

NIS94-12

2370-28

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 01/20/94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 3
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name _____
- One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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)
X 1-GCTS-R650							
4" X 8.5 T-STEEL	N/A	N/A	N/A	1 SIDE(WF) NOTCHED.A36	N/A	REPAIRED	NO
X 1-GCTS-R652							
4" X 8.5 T-STEEL	N/A	N/A	N/A	1 SIDE(WF) NOTCHED.A36	N/A	REPAIRED	
λ 1-GCTS-R654							

7. Description of Work SIDE(S) OF WIDE FLANGE HAS BEEN NOTHED FOR CLEARENCES FROM THE A36 T-STEEL 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.

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

- Owner INDIANA MICHIGAN POWER COMPANY Date 01/20/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 3
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-01
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)
4" X 8.5 T- STEEL	N/A	N/A	N/A	1 SIDE (WF) NOTCHED.A36	N/A	REPAIRED	NO
X 1-GCTS-R658							
4" X 8.5 T-STEEL	N/A	N/A	N/A	2 SIDES (WF) NOTCHED.A36	N/A	REPAIRED	NO
X 1-GCTS-R664							
4" X 8.5 T-STEEL	N/A	N/A	N/A	1 SIDE (WF) NOTCHED.A36	N/A	REPAIRED	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 INSTALLED/MODIFIED: 1-GCTS-R650, 1-GCTS-R652, 1-GCTS-
Applicable Manufacturer's Data Reports to be attached

R654, 1-GCTS-R658, 1-GCTS-R664. SUPPORTS MODIFIED TO DESIGN

BASIS.

ASME CLASS II / ISI CLASS II

J.O. C17439-01

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 *Clarence P. Field* FIELD ENGINEER Date 4/15, 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 5-4-94 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.

MR. Mottersbaugh Commissions Michigan, ENDR
 Inspector's Signature National Board, State, Province, Endorsements

Date May 4 19 94

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-19

2370-56

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 16
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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-GCTS-R697							
1/4"X3"X3" TUBE STEEL	N/A	N/A	N/A	A500-90GR B ASP-14481	N/A	REPLACE-MENT	NO
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	A36-90 ASP-15411	N/A	REPLACE-MENT	NO
1-GCTS-R623							
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, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE SUPPORTS PER RFC-3081.

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.

NIS94-60

2370-56

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 16
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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)
3/8" X 2" U-BOLT STD	N/A	N/A	N/A	FIG.137 ASP-13582	N/A	REPLACE-MENT	NO
1-GCTS-R612							
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	A36-90 ASP-15411	N/A	REPLACE-MENT	NO
3/8" X 2" U-BOLT STD	N/A	N/A	N/A	FIG.137 ASP-13582	N/A	REPLACE-MENT	NO
1-GCTS-R611							

7. Description of Work FAB, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE SUPPORTS PER RFC-3081.

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

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NIS94-60A

2370-56

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 16
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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)
1/4" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14422	N/A	REPLACE-MENT	NO
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	A36-90 ASP-15411	N/A	REPLACE-MENT	NO
11 GA. PLATE	N/A	N/A	N/A	A570-90GR 45 ASP-14426	N/A	REPLACE-MENT	NO
1-GCTS-R594							
1/2" PLATE	N/A	N/A	N/A	A36-90 ASP-14793	N/A	REPLACE-MENT	NO

7. Description of Work FAB, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE SUPPORTS PER RFC-3081.

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.

NIS94-60B

2370-56

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
Name

Date 04/26/94

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

Sheet 4 of 16

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

Unit 1

One Cook Place, Bridgman, MI 49106
Address

J.O. C17439-05
Repair Org. P.O. No., Job No., etc

3. Work Performed by NISCO
Name

Type Code Symbol Stamp V

2830 PARKWAY ST. LAKE LAND, 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)
1/4" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14422	N/A	REPLACE-MENT	NO
3/8" X 2" U-BOLT STD	N/A	N/A	N/A	FIG 137 ASP-13582	N/A	REPLACE-MENT	NO
1-GCTS-R609							
3/8" X 2" U-BOLT STD	N/A	N/A	N/A	FIG 137 ASP-13582	N/A	REPLACE-MENT	NO
1-GCTS-R599							

7. Description of Work FAB, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE SUPPORTS PER RFC-3081.

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

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

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NIS94-60C

2370-56

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 5 of 16
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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)
1/4" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14422	N/A	REPLACE-MENT	NO
1/2" X 3" FLAT BAR	N/A	N/A	N/A	A36-91 ASP-16476	N/A	REPLACE-MENT	NO
1-GCTS-R580							
3/8" ANGLE 2" X 2"	N/A	N/A	N/A	A36-88C ASP-11779	N/A	REPLACE-MENT	NO
1-GCTS-R575							

7. Description of Work FAB, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE SUPPORTS PER RFC-3081.

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

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NIS94-60D

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 6 of 16
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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 or Replacement	ASME Code Stamped (Yes or No)
1/4" PLATE	N/A	N/A	N/A	A36-89 ASP-12781	N/A	REPLACE- MENT	NO
3/8" PLATE STAINLESS	N/A	N/A	N/A	A240 TP304 ASP-9509	N/A	REPLACE- MENT	NO
1/2" PLATE	N/A	N/A	N/A	A36-90 ASP-14793	N/A	REPLACE- MENT	NO
1-GCTS- R574							

7. Description of Work FAB, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE
SUPPORTS PER RFC-3081.

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.

NIS94-60E

2370-56

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 7 of 16
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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 or Replacement	ASME Code Stamped (Yes or No)
1/4" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14422	N/A	REPLACE-MENT	NO
5/16" ANGLE 4" X 3"	N/A	N/A	N/A	A36-88C ASP-11779	N/A	REPLACE-MENT	NO
1/2" X 2" FLAT BAR	N/A	N/A	N/A	A36-88C ASP-12240	N/A	REPLACE-MENT	NO
1-GCTS-R568							
1/4" ANGLE 1 1/2" LEG	N/A	N/A	N/A	A36-87 ASP-11209	N/A	REPLACE-MENT	NO

7. Description of Work FAB, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE SUPPORTS PER RFC-3081.

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.

NIS94-60F

2370-56

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 8 of 16
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name _____
- One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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 2" FLAT BAR	N/A	N/A	N/A	A36-88C ASP-12240	N/A	REPLACE-MENT	NO
1-GCTS-R558							
1/4"X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14422	N/A	REPLACE-MENT	NO
3/8"X2"X2" ANGLE	N/A	N/A	N/A	A36-88C ASP-11779	N/A	REPLACE-MENT	NO
1-GCTS-R551							

7. Description of Work FAB, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE SUPPORTS PER RFC-3081.

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

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

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NIS94-60G

2370-56

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 9 of 16
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name _____
- One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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 or Replacement	ASME Code Stamped (Yes or No)
1/4" PLATE	N/A	N/A	N/A	A36-89 ASP-12781	N/A	REPLACE-MENT	NO
3/8" FLAT BAR	N/A	N/A	N/A	A36-89 ASP-12776	N/A	REPLACE-MENT	NO
1/2" FLAT BAR	N/A	N/A	N/A	A36-89 ASP-13963	N/A	REPLACE-MENT	NO
1-GCTS-R543							
1/4" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14422	N/A	REPLACE-MENT	NO

7. Description of Work FAB, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE SUPPORTS PER RFC-3081.

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

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

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NIS94-60H

2370-56

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 10 of 16
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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-GCTS-R542							
3/4" X 3" FLAT BAR	N/A	N/A	N/A	A36-89 ASP-12776	N/A	REPLACE-MENT	NO
1-GCTS-R535							
3/8" X 2" U-BOLT STD	N/A	N/A	N/A	FIG 137 ASP-13582	N/A	REPLACE-MENT	NO
1-GCTS-R538							

7. Description of Work FAB, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE
SUPPORTS PER RFC-3081.

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.

NIS94-60I

2370-56

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 11 of 16
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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 or Replacement	ASME Code Stamped (Yes or No)
1/2" X 2" FLAT BAR	N/A	N/A	N/A	A36-88C ASP-12240	N/A	REPLACE-MENT	NO
1/4"X2"X2" ANGLE	N/A	N/A	N/A	A36-88C ASP-11779	N/A	REPLACE-MENT	NO
3/8" X 2" U-BOLT STD	N/A	N/A	N/A	FIG.137 ASP-13582	N/A	REPLACE-MENT	NO
1-GCTS-R514							
1/4" PLATE	N/A	N/A	N/A	A-36-89 ASP-12781	N/A	REPLACE-MENT	NO

7. Description of Work FAB, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE SUPPORTS PER RFC-3081.

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.

NIS94-60J

2370-56

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 12 of 16
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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)
11GA PLATE	N/A	N/A	N/A	A570-90GR 45 ASP-14426	N/A	REPLACE-MENT	NO
1/2"X 3" FLAT BAR	N/A	N/A	N/A	A36-91 ASP-16476	N/A	REPLACE-MENT	NO
1-GCTS-R528							
1/4"X2"X2" TUBE STEEL	N/A	N/A	N/A	A500-90GR45 ASP-14361			
1/2"X 3" FLAT BAR	N/A	N/A	N/A	A36-89 ASP-13963	N/A	REPLACE-MENT	NO

7. Description of Work FAB, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE SUPPORTS PER RFC-3081.

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.

NIS94-60X

2370-56

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 13 of 16
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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)
5/8" PLATE	N/A	N/A	N/A	A36-89 ASP-12781	N/A	REPLACE-MENT	NO
1/4" X 4" FLAT BAR	N/A	N/A	N/A	A36-90 ASP-14422	N/A	REPLACE-MENT	NO
1-GCTS-R540							
1/4"X3"X3" TUBE STEEL	N/A	N/A	N/A	A500 GR B ASP-14481	N/A	REPLACE-MENT	NO
1/4"X2"X2" ANGLE	N/A	N/A	N/A	A36-90 ASP-15411	N/A	REPLACE-MENT	NO

7. Description of Work FAB, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE SUPPORTS PER RFC-3081.

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.

NIS94-60L

2010-30

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 14 of 16
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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)
1/4"X2"X2" TUBE STEEL	N/A	N/A	N/A	A500-90GR B ASP-14361	N/A	REPLACE-MENT	NO
5/16"ANGLE 4" X 3"	N/A	N/A	N/A	A36-88C ASP-11779	N/A	REPLACE-MENT	NO
3/8" ANGLE 2" X 2"	N/A	N/A	N/A	A36-88C ASP-11779	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, MODIFY, AND INSTALL UNIT #1 LOWER VOLUME PIPE SUPPORTS PER RFC-3081.

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.

NIS94-60M

210 54

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/26/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 15 of 16
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17439-05
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. COMPONENTS MODIFIED/REPAIED OR REPLACED.

- | | | |
|-----------------|------------------|-----------------|
| 1) 1-GCTS-R697 | 10) 1-GCTS-R574 | 19) 1-GCTS-R528 |
| 2) 1-GCTS-R623 | 11) 1-GCTS-R568 | 20) 1-GCTS-R540 |
| 3) 1-GCTS-R612 | 12) 1-GCTS-R558 | |
| 4) 1-GCTS-R611 | 13) 1-GCTS-R551 | |
| 5) 1-GCTS-R594 | 14) 1-GCTS-R543 | |
| 6) 1-GCTS-R609✓ | 15) 1-GCTS-R542 | |
| 7) 1-GCTS-R599 | 16) 1-GCTS-R535✓ | |
| 8) 1-GCTS-R580 | 17) 1-GCTS-R538 | |
| 9) 1-GCTS-R575 | 18) 1-GCTS-R514 | |

DEMO SUPPORTS

- 1) 1-GCTS-R553✓

FORM NIS-2 (Back)

9. Remarks VT-3 WAS PERFORMED ON COMPONENTS 1-GCTS-R514 & 1-GCTS-R528
Applicable Manufacturer's Data Reports to be attached

AND FOUND TO BE ACCEPTABLE.

ASME CLASS II / ISI CLASS II

J.O.C17439-05

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. [Signature] Field Engineer 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 1-27-94 to 5-4-94, 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 DOSS, ENGR NBT
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 4 19 94

NIS94-60

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 03-21-94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 C17685-3, 1-NMO-152
Address _____ Repair Org. P.O. No., Job No., etc _____
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
Same as #2 Expiration Date N/A
Address _____
4. Identification of System PRESSURIZER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-NMO-152	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
WEDGE	VELAN INC.	3887	N/A	ASME SA-182 TYPE F316 ME30-044145 ASF#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 REPLACED AND MACHINED NEW WEDGE TO OBTAIN 360 DEGREE CONTINUOUS
Applicable Manufacturer's Data Reports to be attached

BLUE AND MILLED DISC AREA TO FIT VALVE BODY GUIDES.

Ref. JO: C17685-3

File: 1-NMO-152

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 5/31, 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 3-7-94 to 6-6-94, 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 Commissions Mich. #686 (N+I)
 Inspector's Signature National Board, State, Province, Endorsements

Date 6-6-1994 *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 02-23-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C17716-3, 1-ORV-111
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System LETDOWN (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-QRV-111	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
BONNET	COPEES-VULCAN INC.	N/A	N/A	ASTM A-351 GRADE CF8M ME30-035930 ASP#12033	1986	REPLACE- MENT	NO
TRIM ASSY.	COPEES-VULCAN INC.	N/A	N/A	ASME SA-564 GRADE 630 ME30-036150 ASP#10949	N/A	REPLACE- MENT	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 BONNET WAS REPLACED DUE TO ROLLED METAL ON THE GASKET SEATING
Applicable Manufacturer's Data Reports to be attached

SURFACE. THE TRIM ASSEMBLY WAS REPLACED DUE TO THE HIGH
RADIATION LEVEL OF VALVE INTERNALS.

Ref. JO: C17716-3 File: 1-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, Maint. Eng. Supervisor Date 6/1, 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 2-18-94 to 6-3-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MA Mutual Insurance Co. Commissions MICH DOSS, ENGR
 Inspector's Signature National Board, State, Province, Endorsements

Date June 3 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 02-27-94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 C17718-3, 1-ORV-112
Address Repair Org. P.O. No., Job No., etc _____
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
Same as #2 Expiration Date N/A
Address _____
4. Identification of System LETDOWN (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-QRV-112	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
SEAT RING	MASONEILAN DRESSER	N/A	N/A	SA-316 ME30-042230 ASP#14034	N/A	REPLACE-MENT	NO
VALVE PLUG	MASONEILAN DRESSER	N/A	N/A	SA-316 ME30-042060 ASP#10621	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 DUE TO HIGH RADIATION LEVELS THE PLUG AND SEAT RING WERE
Applicable Manufacturer's Data Reports to be attached

REPLACED.

Ref. JO:C17718-3

File:1-ORV-112

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 6/16, 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 2-25-94 to 6-17-94, 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. Spangh Commissions MICH 0055, END NFI
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 17 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 03-01-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C17785-1,1-GRC-S519 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 PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GRC-S519	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL	N/A	N/A	ME30-040551 ASP# 15697	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" KIT
Applicable Manufacturer's Data Reports to be attached

WHICH CONSISTS OR A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO:C17785-1

File:1-GRC S519

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 9-8-93 to 6-8-94, 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.

Ricky W. White
 Inspector's Signature

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

Date 6-8-1994

*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 03-02-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C17788-1,1-GRC-S537 SNUBBER
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)
1-GRC-S537	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL	N/A	N/A	ME30-040551 ASP# 15697	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" KIT
Applicable Manufacturer's Data Reports to be attached

WHICH CONSISTS OR A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO:C17788-1

File:1-GRC-S537

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 7-8-93 to 6-8-94, 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.

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

Date 6-8-19 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 03-02-94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name _____
- One Cook Place, Bridgman, MI 49106 C17789-1,1-GRC-S538 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 PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, _____
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GRC-S538	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL	N/A	N/A	ME30-040551 ASP# 15697	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" KIT
Applicable Manufacturer's Data Reports to be attached

WHICH CONSISTS OR A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO:C17789-1

File:1-GRC S538

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, 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 3-21-94 to 6-8-94, 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.

Ricky W. White
 Inspector's Signature

Commissions Mich. #586 (N+I)

National Board, State, Province, Endorsements

Date 6-8- 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 03-09-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C17790-1, 1-FW-S2 (L) SNUBBER
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S2(L)	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL	N/A	N/A	ME30-040551 ASP# 15697	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" KIT
Applicable Manufacturer's Data Reports to be attached

WHICH CONSISTS OR A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO:C17790-1

File:1-FW-S2 (L)

ISI:2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/4, 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 7-14-93 to 8-8-94, 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.

Rocky W. White
 Inspector's Signature

Commissions

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 6-8- 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 03-10-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C17791-1,1-FW-S4 (L) SNUBBER
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S4(L)	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL	N/A	N/A	ME30-040551 ASP# 15528	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" KIT
Applicable Manufacturer's Data Reports to be attached

WHICH CONSISTS OR A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO:C17791-1

File:1-FW-S4 (L)

ISI:3

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Ed Owsen for Date 5/4, 1994
Frank Pisarsky, 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 7-13-93 to 6-8-94, 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.

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

Date 6-8-1994 *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 03-11-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C17792-1,1-FW-S10 (U) SNUBBER
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 . . . Identi- fication	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S10(U)	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL	N/A	N/A	ME30-040551 ASP# 15697	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" KIT
Applicable Manufacturer's Data Reports to be attached

WHICH CONSISTS OR A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO:C17792-1

File:1-FW-S10 (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 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 7-8-93 to 6-8-94, 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.

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

Date 6-8- 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 03-08-94
Name
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
- One Cook Place, Bridgman, MI 49106 C17793-1,1-GCS-S757 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 PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement-Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GCS-S757	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL	N/A	N/A	ME30-040550 ASP# 15697	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" KIT
Applicable Manufacturer's Data Reports to be attached

WHICH CONSISTS OR A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO:C17793-1

File:1-GCS-S757

ISI: 81 ^{9m?} 8-18-94

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 ^{MA Owner for} 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 9-14-93 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.

MA [Signature] Commissions Mich 0055, ENR & 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 02-18-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C17799-1,1-GCTS-S73(W), 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 PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GCTS-S73W	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL	N/A	N/A	ME30-040551 ASP# 15697	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" KIT
Applicable Manufacturer's Data Reports to be attached

WHICH CONSISTS OR A CONTROL VALVE BLOCK AND RESERVOIR.

Ref. JO:C17799-1

File:1-GCTS-S73 (W)

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 5/4, 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 7-2-93 to 6-6-94, 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.

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

Date 6-6- 1994

*FACTORY MUTUAL ENGINEERING ASSOCIATION

4370-57

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 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C17921-01
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 12/31/93
Address
4. Identification of System RESIDUAL HEAT REMOVAL
* 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-GRH-V29							
GRINNEL 3" FIG. 260	N/A	N/A	N/A	ASP-14387	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL NEW GRINNEL FIG.260 3" PIPE CLEVIS TO REPLACE THE EXISTING DAMAGED 3" CLEVIS.

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.

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12-13

FORM NIS-2 (Back)

9. Remarks VT-3 AND VT-4 WERE PERFORMED AND FOUND TO BE ACCEPTABLE.
Applicable Manufacturer's Data Reports to be attached

ASME CLASS II / ISI CLASS II

J.O. C17921-01

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. D. [Signature] 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 11/29/93 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.

[Signature] Commissions Michigan, Eng. NIT
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date November 29 19 93

NIS93-31

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 03-15-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C18793-6, 1-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
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)
1-RC-104-L2	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
ALL THREAD STUDS	DUBOSE STEEL INC.	N/A	N/A	ASME SA-453 GRADE 660 ME30-030000 ASP#11944	N/A	REPLACE- MENT	NO
NUTS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASTM A-194 GRADE 8F ME30-212110 ASP#15587	1990	REPLACE- MENT	NO

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

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

FORM NIS-2 (Back)

9. Remarks REPLACED UNIDENTIFIABLE FASTENERS ON FLANGED CONNECTION.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C18793-6

File: 1-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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/12, 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 3-14-94 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.

Inspector's Signature

Commissions Michigan END. NET
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 7 1994

2370-36

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 03/24/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C19401 - 04 & 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 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# 932321	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL A 14" PIPE SPOOL WITH INSPECTION PORT (INSTALLED BY OTHERS) IN 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.

NIS94-1002

FORM NIS-2 (Back)

9. Remarks PER CODE CASE N-416 - SYSTEM UNISOLATEABLE 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 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) / R. F. L. J. ENUNEE Date 6/10, 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 2-17-94 to 6-18-94, 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 Michouss, End NSE
National Board, State, Province, Endorsements

Date June 10 19 94

***FACTORY MUTUAL ENGINEERING ASSOCIATION**

NIS94-1002

2370-38

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 03/24/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C19402 - 04 & 05
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 FEEDWATER
* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code * 19 Ed., N-416 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 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 UNISOLATEABLE 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 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] Date 6/10, 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 2-17-94 to 6-10-94, 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.

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date JUNE 10 19 94

NIS94-1002

2370-35

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 03/24/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C19403 - 04 & 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 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# 932321	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL A 14" PIPE SPOOL WITH INSPECTION PORT
(INSTALLED BY OTHERS) IN 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.

NIS94-1002

FORM NIS-2 (Back)

9. Remarks PER CODE CASE N-416 - SYSTEM UNISOLATEABLE HYDRO WILL BE
Applicable Manufacturer's Data Reports to be attached
PREFORMED 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 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. Donohue, Field Engineer Date 6/15, 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 2-17-94 to 6-16-94, 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.

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

Date June 16 19 94

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-1002

2370-37

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 03/24/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. C19404-04 & 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 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# 932321	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL A 14" PIPE SPOOL WITH INSPECTION PORT
(INSTALLED BY OTHERS) IN 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.

NIS94-04

FORM NIS-2 (Back)

9. Remarks PER CODE CASE N-416 - SYSTEM UNISOLATEABLE 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 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. Vander R. Field Engineer Date 6/10, 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 2-17-94 to 6/10/94, 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. Thompson Commissions Michigan, ENR NFI
 Inspector's Signature National Board, State, Province, Endorsements

Date JUNE 10 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 02-24-94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 C19941-1,4 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 Replaced 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 ☐ MT ☐ 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 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. INSTALLATION OF INSPECTION PORTS WERE PERFORMED PER
JOB ORDERS C19401 AND C19402.

Ref. JO:C19941-1,4 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/A

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

Signed Frank Pisarsky for Owner Date 7/7, 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 1-12-94 to 7-12-94, 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. #576 (N+I)
 Inspector's Signature National Board, State, Province, Endorsements

Date 7-12- 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 03-08-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C20752-1, 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	N/A	REPLACE-MENTS	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ Other ☐ ^{VT2}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. DURING VT-2
EXAM LEAKS IN THE SEAL WELD AREA OF THERMOCOUPLES #2 & #4 WERE
DETECTED.REPAIRS AND WELD OVERLAY WILL BE ADDRESSED ON JOB
ORDERS C23800-1,4 AND C23983 ACT.1 THRU 6 RESPECTFULLY.

Ref. JO:C20752-1

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/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 6/24, 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 4-20-94 to 6-24-94, 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.

Matthew
 Inspector's Signature

Commissions MICHIGAN END N.E.I.
 National Board, State, Province, Endorsements

Date JUNE 24 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 03-23-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C21816-1, 1-SV-1B-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 MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-1B-1						REPAIRED	NO
DISC	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GR.616 ME#30037728 ASP#16412	1993	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 DISC WITH NEW DISC.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C21816-1

File: 1-SV-1B-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 4/30, 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 2-18-94 to 5-4-94, 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 Mich 0055, END N.E.T.
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 4 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 03-23-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C21821-1, 1-SV-1A-1
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-1A-1						REPAIRED	NO
DISC	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GR.616 ME#30037728 ASP#16182	1993	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 DISC WITH NEW DISC.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C21821-1

File: 1-SV-1A-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 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 2-18-94 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.

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 31 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 03-16-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C21822-1, 1-SV-3-2
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1-19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-3-2						REPAIRED	NO
DISC	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GR.616 ME#30037728 ASP#16182	1993	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 DISC WITH NEW DISC.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C21822-1

File: 1-SV-3-2

ISI: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/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 2-18-94 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.

MA Winterhough
 Inspector's Signature

Commissions Michigan, END NFI
 National Board, State, Province, Endorsements

Date May 31 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 03-16-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C21823-1, 1-SV-2A-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)
1-SV-2A-2						REPAIRED	NO
DISC	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GR.616 ME#30037728 ASP#16412	1993	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 DISC WITH NEW DISC.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C21823-1

File: 1-SV-2A-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 1/30, 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 2-18-94 to 5-14-94, 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.

H. J. Waterhouse Commissions MICHOSS, ENR, NFI
 Inspector's Signature National Board, State, Province, Endorsements

Date May 4 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 03-18-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C21824-1, 1-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)
1-SV-1A-2						REPAIRED	NO
DISC	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GR.616 ME#30037728 ASP#16182	1993	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)

Remarks REPLACED VALVE DISC WITH NEW DISC.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C21824-1

File: 1-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 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 2-18-94 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.

MR. [Signature] Commissions Michigan, End N&I
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 31 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 03-19-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C21826-1, 1-SV-1B-3
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-1B-3						REPAIRED	NO
DISC	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GR.616 ME#30037728 ASP#16182	1993	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 DISC WITH NEW DISC.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C21826-1

File: 1-SV-1B-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 for 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 2-18-94 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.

Michael J. Nichols Commissions Michigan, ENR, NBT
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 31 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 03-24-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C21831-1, 1-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 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 or Replacement	ASME Code Stamped (Yes or No)
1-SV-1B-4						REPAIRED	NO
DISC	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GR.616 ME#30037728 ASP#13892	1991	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 DISC WITH NEW DISC.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C21831-1

File: 1-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 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 2-18-94 to 5-30-94, 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.

M.R. Mutawanaugh Commissions Mich 0055, EN&NFI
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 31 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 03-24-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C21833-1, 1-SV-2A-4
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 '19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-2A-4						REPAIRED	NO
DISC	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GR.616 ME#30037728 ASP#13892	1991	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 DISC WITH NEW DISC.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C21833-1

File: 1-SV-2A-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 for 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 2-18-94 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.

Inspector's Signature Commissions Michigan, ENDORS'D
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 31 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 03-24-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C21834-1, 1-SV-2B-4
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name 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. Bboard No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-2B-4						REPAIRED	NO
DISC	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GR.616 ME#30037728 ASP#14154	1991	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 DISC WITH NEW DISC.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C21834-1

File: 1-SV-2B-4

ISI: 2

CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 4/30, 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 2-18-94 to 5-4-94, 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. Autorspaul Commissions Mich. BOSS, END N.E.T.
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 4 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 03-23-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C21846-1, 1-SV-2B-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 MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME. Code Stamped (Yes or No)
1-SV-2B-1						REPAIRED	NO
DISC	DRESSER INDUSTRIES INC.	N/A	N/A	ASTM A-565 GR.616 ME#30037728 ASP#14154	1991	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 DISC WITH NEW DISC.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C21846-1

File: 1-SV-2B-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 4/30, 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 2-18-94 to 5-4-94, 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 Mich 0055, ENR NFI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 4 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 03-12-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C22094-1, 1-RC-107-L4
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)
1-RC-107-L4	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
WEDGE/DISC	VELAN INC.	N/A	N/A	SA-182 TYPE F316 ME30-044120 ASP# 6067	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 NEW WEDGE WAS MACHINED TO ASSURE PROPER FIT AND INSTALLED IN
Applicable Manufacturer's Data Reports to be attached

VALVE.

Ref. JO:C22094-1

File: 1-RC-107-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/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 6/1, 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 3-11-94 to 6-3-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. R. Mattingly Commissions MICH 0055 EN IN II
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date JUNE 3 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 04-06-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C22098-5, 1-RC-106-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 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)
1-RC-106-L4	N/A	N/A	N/A	N/A	N/A	REPLACED	NO
GATE VALVE	POWER EQUIPMENT SUPPLY CO.	EA631-1-2	N/A	SA-351 TY.304 ASP#16892	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other RT Pressure 3106 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 WELDED IN NEW VALVE, THE THE WELDS WERE ACCEPTED PER X-RAY.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C22098-5

File: 1-RC-106-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 5/12, 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 3-31-94 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.

Michael S. Nichols Commissions Michigan, Gnd N.E.T.
 Inspector's Signature National Board, State, Province, Endorsements

Date May 31 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 03-10-94
Name
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
- One Cook Place, Bridgman, MI 49106 C22164-2, 1-SI-161-L1
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SI-161-L1	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUD ALL THREAD	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	SA-453 GRADE 660 ME30-030002 ASP#13888	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 REPLACEMENT STUD WAS CUT FROM ALL THREAD, THE ENDS WERE PT'ED
Applicable Manufacturer's Data Reports to be attached

AND STUD WAS INSTALLED.

Ref. JO:C22164-2

File: 1-SI-161-L1

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 5/12, 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 2-11-94 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.

[Signature] Commissions MIC. 40055, END NET
 Inspector's Signature National Board, State, Province, Endorsements

Date June 7 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 04-15-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C22177-1, 1-GRC-R-545
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
.Same as #2 Expiration Date N/A
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GRC-R-545	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
NUT	CARDINAL INDUSTRIAL PRODUCTS INC	N/A	N/A	SA-194 2H ME30-211860 ASP#15684	N/A	REPLACE- MENT	NO
STEEL ROD	DUBOSE NATIONAL ENERGY SERVICE INC.	N/A	N/A	ASTM A36-90 ME30-153091 ASP#15211	N/A	REPLACE- MENT	NO
1/2"EYE NUT	GRINNELL CORP	N/A	N/A	ASTM A-668 CL.C ME30-024424 ASP#16622	N/A	REPLACE- MENT	NO

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

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

FORM NIS-2 (Back)

9. Remarks INSTALLED NEW JAM NUT, EYE NUT AND HANGER ROD.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C22177-1

File: 1-GRC-R-545

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 5/31, 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 4-15-94 to 6-6-94, 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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 6-6-1994

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 03-18-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C22280-2,1-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)
1-MRV-221	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
SEAT RING	FISHER CONTROLS	N/A	N/A	ASTM A-582 TY.416 EZ ME30-040120 ASP#12803	N/A	REPLACE- MENT	NO
PLUG ASSY.	FISHER CONTROLS	N/A	N/A	ASTM A582 TYPE 416 ME30-040005 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 DUE TO NORMAL WEAR THE SEAT RING AND PLUG ASSEMBLY

Applicable Manufacturer's Data Reports to be attached

WERE REPLACED.Ref. JO:C22280-2File:1-MRV-221ISI: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 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 3-2-94 to 6-6-94, 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 Mich. #586 (N+I)
 National Board, State, Province, Endorsements

Date 6-6-1994

*FACTORY MUTUAL ENGINEERING ASSOCIATION

2370-23

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04 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 1
Name _____
- One Cook Place, Bridgman, MI 49106 J.O. C22358-09
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 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)
1-GCS-R-801							
3"X3"X3/8" ANGLE	N/A	N/A	N/A	A36-90 ASP-15971 ✓	N/A	REPLACE-MENT	NO
2"X2"X3/8" ANGLE	N/A	N/A	N/A	A36-88C ASP-11779 ✓	N/A	REPLACE-MENT	NO

7. Description of Work RESTORE SUPPORT 1-GCS-R-801 (PER MM 404).
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.

NIS94-40

FORM NIS-2 (Back)

9. Remarks SUPPORT INSTALLED/MODIFIED: 1-GCS-R-801
Applicable Manufacturer's Data Reports to be attached

SUPPORT MODIFIED TO ITS DESIGN BASE CONFIGURATION.

ASME CLASS I / ISI CLASS II

J.O. C22358-09

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 4/15, 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 5-21-94 to 4-19-94, 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] 1-19-94 ME Commissions 1-19-94 ME
 Inspector's Signature 1-19-94 ME National Board, State, Province, Endorsements

Date April 19 19 94

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-40

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 03-14-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C22452-2, 1-SI-161-L4
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 1 983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SI-161-L4	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUD	VELAN INC.	N/A	N/A	SA-584 GRADE 630 ME30-044105 ASP#5562	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 STUD DUE TO FAILED NDE EXAMINATION.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C22452-2

File: 1-SI-161-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 6/1, 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 3-16-94 to 6-2-94, 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. Winter Commissions MICH 0055, END NFI
 Inspector's Signature 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 04-07-94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 C22476-1,1-GRC-S564, 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 PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME. Code Stamped (Yes or No)
1-GRC-S564	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
LOAD PIN	GRINNELL	N/A	N/A	ME30-024977 ASP#12475	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 TAPERED LOAD PIN.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C22476-18

File: 1-GRC-S564

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 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 4-11-94 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.

Mike Winter Commissions Mich 0055, END NBT
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 7 1994



1. Owner INDIANA MICHIGAN POWER COMPANY Date 03-25-94
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
 Name
One Cook Place, Bridgman, MI 49106 C22554-2, 1-ICM-321
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-ICM-321	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
WEDGE	VELAN	N/A	N/A	ASME SA-182 TYPE F316 STELLITE #6 ME30-044117 ASP#14800	N/A	REPLACED & 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: A NEW WEDGE WAS ISSUED FROM THE STORE ROOM, WEDGE WAS MACHINED TO
Applicable Manufacturer's Data Reports to be attached
- FIT THE IN-BODY SEATS. PT EXAM OF ALL MACHINED SURFACES WERE
ACCEPTABLE. THE NUTS WERE NOT REPLACED AS STATED ON TRAVELER DATED
03-22-94, AS THEY WERE SUBSEQUENTLY FOUND.
- Ref. JO: 1-ICM-321 File: C22554-2 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 6/15, 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 3-22-94 to 6-17-94, 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. Matersbaugh Commissions Michigan, EN, NIT
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 17 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 04-17-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C22965-2, 1-GRC-R-578
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GRC-R-578	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
1/8" SHIM PLATE	HUB INC.	N/A	N/A	A-570 GR.45 ME30-153125 ASP#16652	1992	REPLACE- MENT	NO

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

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

FORM NIS-2 (Back)

Remarks WELDED A 1/8" SHIM PLATE BETWEEN ITEM 2 (LOWER ANGLE IRON) AND
Applicable Manufacturer's Data Reports to be attached
ITEM 5 (PLATE) AS SHOWN ON DESIGN DRAWING TO REDUCE EXCESSIVE
GAP.

Ref. JO:C22965-2

File: 1-GRC-R-578

ISI:1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/31, 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 4-11-94 to 6-2-94, 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.

M. J. Mutersbaugh
Inspector's Signature

Commissions MICHOOSS, END NIT
National Board, State, Province, Endorsements

***FACTORY MUTUAL ENGINEERING ASSOCIATION**

Date JUNE 2 19 74

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04-13-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C23056-1,1-FW-S4 (U) SNUBBER
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)
1-FW-S4(U)	GRINNELL CORP.	N/A	N/A	SNUBBER ME30-024700 ASP#15767	N/A	REPLACE-MENT	NO
ROD EYE	GRINNELL CORP.	N/A	N/A	ME30-024875 ASP#12135	N/A	REPLACE-MENT	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
- N/A ☐ Other ☐ ^{VT3} & ^{VT4} 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 SNUBBER, AND INSTALLED NEW ROD EYE.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C23056-1

File:1-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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 7/7, 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 7-12-94 to 7-12-94, 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 W. White Commissions 1000 = 125 (N+I)
 Inspector's Signature National Board, State, Province, Endorsements

Date 7-12-1994

*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 04-30-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 C23324-5, 1-ORV-162
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System LETDOWN (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-ORV-162	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
TRIM ASSY.	COPE'S VULCAN INC.	N/A	N/A	ME30-036134 ASP#14479	N/A	REPLACE-MENT	NO
STUDS & NUTS	TEXAS BOLT CO	N/A	N/A	STUDS SA193 GRADE B7 NUTS SA-194 GRADE 2H ME30-029005 ASP #13558	N/A	REPLACE-MENT	NO

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

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



FORM NIS-2 (Back)

9. Remarks REPLACED TRIM ASSEMBLY CONSISTING OF (1) PLUG, (1) CAGE, (1) PIN
Applicable Manufacturer's Data Reports to be attached

AND (1) STEM, ALSO REPLACED BONNET TO BODY BOLTING MATERIAL.

Ref. JO:C23324-5

File: 1-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 5/15, 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 4-28-94 to 6-16-94, 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. T. Spangh Commissions Mich 0055 ENDRIGHT
 Inspector's Signature National Board, State, Province, Endorsements

Date June 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 05-07-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C23329-2, 1-RC-103-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)
1-RC-103-L2	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CARTRIDGE REPACKING BONNET/CHAMBER	CONVAL INC.	N/A	N/A	ME30-035414 ASP #13664	N/A	REPLACE-MENT	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 REPLACED CARTRIDGE REPACKING BONNET/CHAMBER WITH NEW.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:C23329-2

File: 1-RC-103-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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 6/1, 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 5-9-94 to 6-3-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions Mich 2055, ENR N.E.I.
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 3 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 05-23-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C23800-1,3, 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 #2 & #4	(EXISTING) ABB COMBUSTION ENGINEERING	N/A	N/A	ASME SA-479 TYPE 304 TESTED PER ASTM A-262	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)

Remarks PERFORMED LOCAL WELD REPAIRS IN THE SEAL WELD AREA OF THERMO-
Applicable Manufacturer's Data Reports to be attached

COUPLES #2 & #4. ALL PT EXAMS REQUIRED WERE PERFORMED AND

ACCEPTED. VT 2 EXAM WILL BE PERFORMED ON J.O. C23983-6 UPON

COMPLETION OF WELD OVERLAYMENT ON CETNA COLUMNS 1 THRU 5.

Ref. JO: C23800-1.3 File:RX VESSEL

ISI:1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 6/24, 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 5-19-94 to 6-24-94, 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. T. Spang
 Inspector's Signature

Commissions

Michigan, END N.E.T.
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date JUNE 24 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 05-24-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 C23983-1 THRU 5 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 THRU #5	(EXISTING) ABB COMBUSTION ENGINEERING	N/A	N/A	ASME SA-479 TYPE 304 TESTED PER ASTM A-262	N/A	REPAIRED	NO

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

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

FORM NIS-2 (Back)

9. Remarks PERFORMED WELD OVERLAYMENT ON THE EXISTING CANOPY SEAL WELDS
Applicable Manufacturer's Data Reports to be attached
- CETNA COLUMNS #1 THRU #5. PT EXAMS REQUIRED WERE PERFORMED AND
ACCEPTED. VT 2 EXAM WAS PERFORMED ON J.O. C23983-6 AND ACCEPTED
- Ref. JO: C23983-1 THRU 5 File: RX VESSEL ISI:1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Date 6/24, 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 5/19/94 to 6/24/94, 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, End N.B.I.
 National Board, State, Province, Endorsements

Date June 24 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 03-19-94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name _____
- One Cook Place, Bridgman, MI 49106 R5377-1, 1-SV-53
Address _____ Repair Org. P.O. No., Job No., etc _____
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
Same as #2 Expiration Date N/A
Address _____
4. Identification of System LETDOWN (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-53	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
STUDS: ALL THREAD	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	ASME SA-453 GR.660 ME#30029999 ASP#11944	N/A	REPLACE- MENT	NO
NUTS	NOVA MACHINE PRODUCTS CO.	N/A	N/A	ASME SA-194 GR.8F ME#30046902 ASP#14905	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: R5377-1

File: 1-SV-53

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 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 2-25-94 to 6-2-94, 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.

Inspector's Signature Commissions MICHIGAN AND N.B.T.
National Board, State, Province, Endorsements

Date June 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 03-17-94
 Name
 P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
 Name
 One Cook Place, Bridgman, MI 49106 R5509-1, 1-SV-104W
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name Authorization No. N/A
 Same as #2 Expiration Date N/A
 Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
- 6.. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-104W	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
ALL THREAD STUDS & NUTS	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	STUDS: SA-193 GRADE B7 NUTS: SA-194 GRADE 2H ME30-028963 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 UNIDENTIFIABLE BOLTING MATERIAL WITH NEW STUDS AND
Applicable Manufacturer's Data Reports to be attached

NUTS.

Ref. JO:R5509-1

File: 1-SV-104W

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 6/16, 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 3-16-94 to 6-17-94, 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.

Meterspaul Commissions Mich 0055, ENR NFI
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 17 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 04-11-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R14668-18,1-FW-S9 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 PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S9	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
LOAD PIN	GRINNELL	N/A	N/A	ME30-024977 ASP#12475	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 TAPERED LOAD PIN.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R14668-18

File: 1-FW-S9

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 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 4-11-94 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.

Mike Winter Commissions Mich 0055, ENI NFI
 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 03-08-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 R20780-4, 1-SI-170-L1
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SI-170-L1	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
ALL THREAD STUDS	HARDWARE SPECIALTY CO.	N/A	N/A	ASME SA-453 GRADE 660 ME30-047100 ASP#10356	N/A	REPLACE- MENT	NO
NUTS	HARDWARE SPECIALTY CO.	N/A	N/A	ASME SA-194 GRADE 8F ME30-046910 ASP#10131	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 BOLTING MATERIAL ON 1-SI-170-L1.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R20780-4

File: 1-SI-170-L1

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 6/15, 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 6-17-94, 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. Muttersaugh
 Inspector's Signature

Commissions

N.B. 0055, ENR NFI
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 17 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 02-20-94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 R20797-2,1-CCW-122, 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 COMPONENT COOLING WATER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CCW-122	N/A	N/A	N/A	N/A	N/A	REPLACE-MENT	NO
VALVE	NIGHTWINE & ASSOCIATES	N/A	N/A	CHECK VALVE ME30-034578 ASP#13531	N/A	REPLACE-MENT	NO
STUDS ALL THREAD	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	SA-193 B7 ME30-211620 ASP#13139	N/A	REPLACE-MENT	NO
NUTS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASTM A-194 GR.2H ME30-211890 ASP#9772	N/A 1985 RAY 2-6-94	REPLACE-MENT	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 REPLACED VALVE AND BOLTING MATERIAL.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R20797-2

File:1-CCW-122

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 4/30, 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 2-22-94 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.

Mike Whittemore
 Inspector's Signature

Commissions Mich Doss, ENDNET
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 5/20 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 03-09-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 R19769-1,1-FW-S2-L SNUBBER
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System PIPEING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S2-L	GRINNELL CORP.	N/A	N/A	2 1/2"X 5" SNUBBER ME30-024700 ASP#11873	N/A	REPLACE-MENT	NO
EYE PISTON ROD	GRINNEL CORP.	N/A	N/A	ME30-024875 ASP#12135	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 AND EYE PISTON ROD.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R19769-1

File: 1-FW-S2-L

ISI: 2

CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 5/12, 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 9-14-93 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.

Inspector's Signature Commissions MICH 055, ENRNET
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 20 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 02-19-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R20775-1.1-CTS-138W, 12" 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 CONTAINMENT SPRAY
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

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

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CTS-138W	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
NUTS	NOVA MACHINE PRODUCTS CORP.	N/A	N/A	ASTM A-194 GR.8F M&E30212110 ASP# 15587	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 NUTS SO ALL WOULD HAVE THE SAME HEAD SIZE.
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R20775-1

File: 1-CTS-138W

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
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2-18-94 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.

Rocky 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 03-17-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R5509-1, 1-SV-104W, 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 (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)
1-SV-104W	N/A	N/A	N/A	N/A	N/A	REPLACE-MENT	NO
STUDS & NUTS	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	STUDS ASME SA-193 GR.B7, NUTS:ASME SA-194 GR.2H M&E30028963 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 UNIDENTIFIABLE BOLTING MATERIAL.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R5509-1

File: 1-SV-104W

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 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 3-16-94 to 6-6-94, 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 (NYI)
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 6-6-1994

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 03-28-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 R20976-8, 1-QCR-301, 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 LETDOWN (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-QCR-301	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
EXISTING PLUG & CAGE	N/A	N/A	N/A	ASTM A-479 TYPE 410	N/A	REPAIRED BY 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 MACHINED PLUG AND CAGE SEATING SURFACES, REMOVED APPROX. .007
Applicable Manufacturer's Data Reports to be attached

FROM PLUG AND .002 FROM CAGE. PT WAS PERFORMED ON MACHINED
SURFACES AND ACCEPTED.

Ref. JO:R20976-8

File: 1-OCR-301

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 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 3-21-94 to 6-6-94, 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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 6-6-1994



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 02-19-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R20774-2, 1-CTS-103W
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CONTAINMENT SPRAY
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CTS-103W	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
ALL THREAD STUDS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASME SA-453 GRADE 660 ME30-030811 ASP#11021	1983	REPLACE-MENT	NO
NUTS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASTM A-194 GRADE 8F ME30-046903 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 DUE TO DIFFERENT SIZE STUDS IN FLANGE CONNECTION, STUDS AND NUTS
Applicable Manufacturer's Data Reports to be attached

WERE REPLACED. REPAIR/REPLACEMENT TRAVELER WRITTEN ON 2-18-94

INCORRECTLY STATED THE STUDS SIZE, NEW STUDS ARE 3/4".

Ref. JO:R20774-2

File:1-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 5/12, 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 2-18-94 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.

MR. Watersbaugh Commissions MICHIGAN, END NSE
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date JUNE 7 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: 04-13-94
Name
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
- One Cook Place, Bridgman, MI 49106 R7255-7, 1-RC-104-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 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)
1-RC-104-L4	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
ALL THREAD STUDS	DUBOSE STEEL INC.	N/A	N/A	ASME SA-453 GRADE 660 ME30-030000 ASP#11944	N/A	REPLACE-MENT	NO
NUTS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASTM A-194 GRADE 8F ME30-212110 ASP#15587	1990	REPLACE-MENT	NO

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

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

FORM NIS-2 (Back)

9. Remarks REPLACED STUDS AND NUTS ON FLANGED CONNECTION.
Applicable Manufacturer's Data Reports to be attached

Ref. JO:R7255-7

File: 1-RC-104-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 5/12, 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 4-8-94 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. M. T. S. S. S. Commissions Mich. 0055, ENR N.E.
Inspector's Signature National Board, State, Province, Endorsements

Date JUNE 7 1994

*FACTORY MUTUAL ENGINEERING ASSOCIATION

1. Owner INDIANA MICHIGAN POWER COMPANY Date 03-31-94
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
 Name
One Cook Place, Bridgman, MI 49106 R20971-2, 1-DCR-310
 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 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)
1-DCR-310	N/A	N/A	N/A	EXISTING BONNET	N/A	REPAIRED MACHINED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ VT-2
- 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)

Remarks MACHINED BONNET GASKET SEATING SURFACES TO REQUIRED

Applicable Manufacturer's Data Reports to be attached

MANUFACTURES TOLERANCES. PT EXAM OF MACHINE SURFACES WERE

ACCEPTABLE.

Ref. JO:R20971-2

File:1-DCR-310

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 6/1, 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 7-8-94 to 6-8-94, 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.

Inspector's Signature

Commissions

National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date JUNE 9 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 03-31-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 R12416-16, 1-SV-45C
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System PRESSURIZER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-45C EXISTING VALVE	N/A	N/A	N/A	SA182 F-316 OR F-304	N/A	REPAIRED MACHINED	NO

7. Description of Work (See Remarks)

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

N/A ☐ Other ☐ ^{VT2}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 RAISED FACE OF INLET PIPING FLANGE AND FROM FLANGE
Applicable Manufacturer's Data Reports to be attached

BOLT CIRCLE.

Ref. JO: R12416-16

File: 1-SV-45C

ISI: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 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 3-22-94 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.

Inspector's Signature

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 31 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 04-13-94
 Name
 P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
 Name
 One Cook Place, Bridgman, MI 49106 R20965-2, 1-DCR-340
 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 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)
1-DCR-340 BONNET & BODY	N/A <i>EXISTING</i>	N/A	N/A	BONNET SA182 GRADE F5A BODY SA-217 GRADE C5	N/A	REPAIRED MACHINED	NO
ALL THREAD STUDS	CARDINAL INDUSTRIAL PRODUCTS INC.	N/A	N/A	SA-193 B7 ME30-211590 ASP#15684	N/A	REPLACE-MENT	NO
PLUG	NELES JAMESBURY	N/A	N/A	ASTM A-582 TY 416 ME30-040938 ASP#14557	N/A	REPLACE-MENT	NO
CAGE	NELES JAMESBURY	N/A	N/A	ASTM A-564 GRADE 630 ME30-040730 ASP#13822	N/A	REPLACE-MENT	NO

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

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

FORM NIS-2 (Back)

9. Remarks THE VALVE BODY AND BONNET GASKET SEATING SURFACES WERE MACHINED
Applicable Manufacturer's Data Reports to be attached

TO MANUFACTURES TOLERANCES AND PT EXAM WAS ACCEPTED. THE CAGE AND
PLUG WERE REPLACED DUE TO NORMAL WEAR.

Ref. JO:R20965-2

File:1-DCR-340

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 6/16, 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 4-8-94 to 6-17-94, 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 MA 0055, END NET
 National Board, State, Province, Endorsements

Date June 17 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 04-15-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name
One Cook Place, Bridgman, MI 49106 9 R20960-02,08 1-DCR-330
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 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)
1-DCR-330	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
EXISTING BONNET	N/A	N/A	N/A	SA-182 GR.F5A	N/A	REPAIRED MACHINED	NO
VALVE BODY	HAMMEL DAHL INC.	N/A	N/A	SA-217 GR.C5 ME30-040650 ASP#8363	N/A	REPLACE-MENT	

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☐ Other ☐ Pressure 1356 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 VALVE BONNET AND BODY GASKET SEATING SURFACES WERE MACHINED PER
Applicable Manufacturer's Data Reports to be attached

ACT.2.THE BODY SEATING SURFACE INDICATION WAS UNACCEPTABLE,BODY
WAS REPLACED PER ACT.8 VT-2 WAS VOIDED DUE TO HYDRO.REQUIREMENT
ON REPAIR REPLACEMENT TRAVELER WRITTEN FOR ACT.08.

Ref. JO:R20969-2,8

File: 1-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 5/12, 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 4-12-94 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.

Inspector's Signature Commissions Michigan, ENR N.E.I.
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date May 31 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 03-05-94
Name _____
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name _____
One Cook Place, Bridgman, MI 49106 R20886-2, 1-ORV-51
Address Repair Org. P.O. No., Job No., etc _____
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
Same as #2 Expiration Date N/A
Address _____
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-QRV-51	N/A	N/A	N/A	EXISTING BONNET A-351 GR.CF 8M	N/A	REPAIRED MACHINED	NO
PLUG & CAGE	COPEES-VULCAN INC.	N/A	N/A	SA-564 GR.630 ME30-036072 ASP#13873	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 PLUG AND CAGE WERE REPLACED DUE TO AND UNSUCCESSFUL ATTEMPT TO
Applicable Manufacturer's Data Reports to be attached

MACHINE SURFACES. THE BONNET AND BODY CAGE SEATING SURFACES

WERE MACHINED AND THE PT EXAM WAS ACCEPTABLE.

Ref. JO.: R20886-2

File: 1-ORV-51

ISI:1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 6/1, 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 3-9-94 to 6-3-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MTA Mutual Commissions Mich 0055, ENDET
 Inspector's signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date JUNE 3 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 04-12-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R20972-2 1-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 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)
1-DCR-320	N/A	N/A	N/A	EXISTING BODY	N/A	REPAIRED MACHINED	NO
VALVE BONNET	HAMMEL DAHL INC.	N/A	N/A	SA-217 GRADE C5 ASP#8363	N/A	REPLACE-MENT	NO

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

Remarks, VALVE BODY GASKET SEATING SURFACES WERE MACHINED AND PT WAS
Applicable Manufacturer's Data Reports to be attached

ACCEPTABLE. A NEW VALVE WAS ISSUED THE BONNET WAS REMOVED AND
INSTALLED ON EXISTING BODY. VALVE M&E#30-040650 ASP#8363.

Ref. JO:R20972-2

File:1-DCR-320

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 6/16, 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 4-8-94 to 6-17-94, 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 MICH 0055 END NSE
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date JUNE 17 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 03-10-94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #1
Name _____
- One Cook Place, Bridgman, MI 49106 R20976-1, 1-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)
1-QCR-301	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
TRIM ASSY.	COPE'S VULCAN INC.	N/A	N/A	ASTM A-479 TYPE 410 ME30-036070 ASP#13755	N/A	REPLACE- MENT	NO

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

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



FORM NIS-2 (Back)

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

Ref. JO: R20976-1

File:1-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 6/1, 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 3-10-94 to 6-3-94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. J. Waters
 Inspector's Signature

Commissions Mich 0055, ENR N&I

National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 3 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 04-08-94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name
One Cook Place, Bridgman, MI 49106 R20779-10, 1-RH-142
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 NITROGEN (REACTOR PLANT SERVICE)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-RH-142	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
ALL THREAD STUDS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASME SA-453 GRADE 660 ME30-030811 ASP#11021	1983	REPLACE- MENT	NO
NUTS	NOVA MACHINE PRODUCTS CORP	N/A	N/A	ASTM A-194 GRADE 8F ME30-046903 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 REPLACED BOLTING MATERIAL WITH NEW NUTS AND BOLTS..
Applicable Manufacturer's Data Reports to be attached

Ref. JO: R20779-10

File: 1-RH-142

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 6/16, 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 4-8-94 to 6-17-94, 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.

Matuspangh Commissions Mich 0055, ENR NEI
 Inspector's Signature National Board, State, Province, Endorsements

Date JUNE 17 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 03-16-94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 C17794-1, R20861-1, 1-MSS-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 PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MSS-4	GRINNELL CORP	N/A	N/A	SNUBBER ME30-024725 ASP#14485	N/A	REPLACE- MENT	NO
CONTROL VALVE BLOCK & RESERVOIR	GRINNELL CORP	N/A	N/A	"A" KIT ME30-040552 ASP#16472	N/A	REPLACE- MENT	NO
PISTON ROD EYE	GRINNELL CORP	N/A	N/A	ME21-768967 ASP#16846	N/A	REPLACE- MENT	NO

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

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

FORM NIS-2 (Back)

Remarks SNUBBER AND ROD EYE WERE REPLACED ON JOB ORDER R20861-1. THE
Applicable Manufacturer's Data Reports to be attached

CONFIGURATION "A" KIT WAS REPLACED ON JOB ORDER C17794-1 PRIOR
TO SNUBBER INSTALLTION. VT 3/4 AS-LEFT INSPECTION WAS PERFORMED
ON JOB ORDER R14670-1.

Ref. JO:C17794-1 &R20861-1 FILE:1-MSS-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 6/15, 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 9-14-93 to 6-17-94, 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.

MAK Mutarbaugh Commissions Mich 0055, ENR N&E
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 17 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 03-11-94
Name _____
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address _____
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1
Name _____
- One Cook Place, Bridgman, MI 49106 R19775-1, 1-FW-S4-L
Address _____ Repair Org. P.O. No., Job No., etc _____
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
Same as #2 Expiration Date N/A
Address _____
4. Identification of System PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 '19' 83Ed., N/A Add. N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S4-L	GRINNELL CORP.	32514	N/A	SNUBBER ME30-024700 ASP#15606	1992	REPLACE- MENT	NO
PISTON ROD EYE	GRINNELL CORP.	N/A	N/A	CARBON STEEL ME30-024875 ASP#12135	N/A	REPLACE- MENT	NO

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

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

FORM NIS-2 (Back)

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

Ref. JO: R19775-1

File: 1-FW-S4-L

ISI: 2

CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 6/15, 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 3-18-94 to 6-16-94, 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. Minterbaugh Commissions Mich 0055, END NBT
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 16 19 94

2370-41

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/04/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. R12415-06
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-SV-45B							
6 X 6 SAFETY VLV	CROSBY	RV-1-8010-A	N/A	STYLE HB-86-BP-E	N/A	REPLACED	N/A
6 X 6 SAFETY VLV	CROSBY	N-56499 00-0003	N/A	N/A	N/A	REPLACE-MENT	N/A

7. Description of Work REMOVE AND REPLACED VALVE, 1-SV-45B, FOR SETPOINT TESTING.

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.

NIS94-56



FORM NIS-2 (Back)

9. Remarks VT-2 PERFORMED AND FOUND TO BE ACCEPTABLE.
Applicable Manufacturer's Data Reports to be attached

A VT-1 WAS PERFORMED AND FOUND TO BE ACCEPTABLE.

ASME CLASS I / ISI CLASS I

J.O. R12415-06

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]* Date 6/9, 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 6-9-94 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, ENDN&I
 Inspector's Signature National Board, State, Province, Endorsements

Date June 9 19 94

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-56

2370-43

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/04/94
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 J.O. R12416-06
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. LAKELAND, 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)
1-SV-45C							
6 X 6 SAFETY VLV	CROSBY	RV-1-8010-B	N/A	STYLE HB-86-BP-E	N/A	REPLACED	N/A
6 X 6 SAFETY VLV	CROSBY	RV-1-8010-C-AEP	N/A	STYLE HB-86-BP-E	N/A	REPLACE-MENT	N/A
1 3/8" STUD STAINLESS	N/A	N/A	N/A	SA453GR.660 ASP-15984	N/A	REPLACE-MENT	NO

7. Description of Work REMOVE AND REPLACE VALVE, 1-SV-45C, FOR SETPOINT TESTING. (REPLACED INLET SIDE STUD)

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.

NIS94-31

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

A VT-1 WAS PERFORMED AND FOUND TO BE ACCEPTABLE.

ASME CLASS I / ISI CLASS I

J.O. R12416-06

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. Van Riper Date 4/18, 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 6-9-94 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.

W. H. Minterbaugh Commissions MASS, ENR N&I
 Inspector's Signature National Board, State, Province, Endorsements

Date JUNE 9 19 94

*FACTORY MUTUAL ENGINEERING ASSOCIATION

NIS94-31

2370-40

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 04/04/94

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

Sheet 1 of 2

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

Unit 1

One Cook Place, Bridgman, MI 49106
Address

J.O. R12835-06
Repair Org. P.O. No., Job No., etc

3. Work Performed by NISCO
Name
2830 PARKWAY ST. LAKELAND, FL. 33811
Address

Type Code Symbol Stamp V
Authorization No. 0290-V
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-SV-45A							
6 X 6 SAFETY VLV	CROSBY	RV-2-8010-B	N/A	STYLE HB-86-BP-E	N/A	REPLACED	N/A
6 X 6 SAFETY VLV	CROSBY	N-56499 00-0002	N/A	N/A	N/A	REPLACEMENT	N/A

7. Description of Work REMOVE AND REPLACED VALVE, 1-SV-45A, FOR SETPOINT TESTING.

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.

NIS94-57

FORM NIS-2 (Back)

9. Remarks VT-2 PERFORMED AND FOUND TO BE ACCEPTABLE.
Applicable Manufacturer's Data Reports to be attached
A VT-1 WAS PERFORMED AND FOUND TO BE ACCEPTABLE.
ASME CLASS I / ISI CLASS I J.O. R12835-06

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] Date 6/9, 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 6-9-94 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, ENCL NBT
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date June 9 19 94

NIS94-57

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
Name

Date 3-14-94

P.O. Box 60 Ft. Wayne, Indiana 46801
Address

Sheet 1 of 1

2. Plant D.C. Cook
Name

Unit one

One Cook Place Bridgman, MI 49106
Address

Job 2037
Repair Org. P.O. No., Job No., etc

3. Work Performed by PCI/Westinghouse
Name
One Energy Drive Lake Bluff, IL 60044
Address

Type Code Symbol Stamp V (MI)
Authorization No. 0303V
Expiration Date. 12-31-94

4. Identification of System Reactor Coolant System

5. (a) Applicable Const. Code Section III 19 83 Ed., Winter 83 Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 W/ summer 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
Steam Generator	Westinghouse	14	6834	M96767M	1970	Repair	YES

7. Description of Work Installed a welded tube plug in Row 21 Column 49 Hot Leg
Plug Ht. Number NX7298HK S/N 4R606

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure 15.5 ^{KRW 4/21/94}
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 Weld Procedure Used: WPD 94341 Rev. 8 Welder: Alan Stitt(A-34)
Applicable Manufacturer's Data Reports to be attached
Visual Procedure: QAIP-1-VT Rev. 8 Work procedure: MRS 2.3.2 Gen 6 Rev.8
Westinghouse S.O. Number WR-AD-1197

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 *Henry J. ...* Date March 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 Insurance Co. of Norwood, Mass. have inspected the components described in this Owner's Report during the period 3-11-94 to 4-21-94, 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. ... Commissions Mich 2055, N.B. N.E.
Inspector's Signature National Board, State, Province, Endorsements

* Factory Mutual Insurance Association ENGINEERING ASSOCIATION

Date April 21 1994

