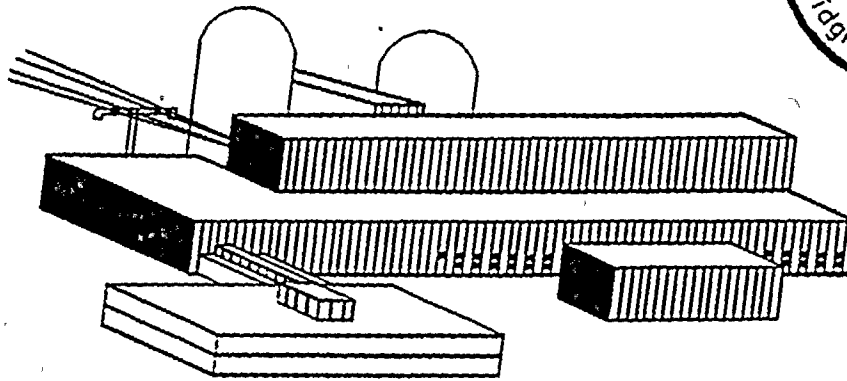




INDIANA
MICHIGAN
POWER.



Donald C. Cook
Nuclear Plant

Unit 1

Report Of Inservice Inspections
From July 4, 1989
Through January 26, 1991

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PDR ADOCK 05000316
Q PDR

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 JULY 4, 1989 TO JANUARY 26, 1991

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

This report summarizes the inservice inspection activities performed at the Cook Nuclear Plant, Unit 1 for the period of July 4, 1989 through January 26, 1991. These activities were performed in accordance with the requirements of the ASME Boiler and Pressure Vessel Code, Section XI, Rules for Inservice Inspection of Nuclear Power Plant Components. As of July 1, 1986, the second ten-year inspection interval began and the applicable code for ISI activities then became the 1983 edition through the summer 1983 addenda.

The purpose of this report is to satisfy the requirements of IWA-6000 for the submittal of an inservice inspection summary report at the completion of each refueling outage. Examinations and tests conducted since the preceding summary report (July 3, 1989) are included in this report. Repairs and replacements are also included in this report per the requirements of the 1983 Edition of ASME Section XI IWA-6220(b)10. Also, contained within this report are the supplemental informational requirements of IWA-6220.

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

THIS DOCUMENT CONSISTS OF 243 SUPPLEMENTAL PAGES
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
Containment Spray Heat Exc. East	Yuba	69-G-226-1A	-	-
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 10/20/90 to 1/26/91 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. '83 Edition w/'83 Summer Addenda.

Date 4-23 19 91 Signed I&M Power Company By C. A. Freer
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 Mfg. Ins. Co. of Norwood, Mass. have inspected the components described in this Owners' Data Report during the period 10/20/90 to 1/26/91, 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 April 25 19 91

Michael R. Matersbaugh Commissions Michigan 555
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 1990 Unit 1 Refueling Outage during the period of October 20, 1990 through January 26, 1991. All examinations were in accordance with ASME Section XI, 1983 Edition through 1983 Summer Addenda.

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

The 1990 refueling outage represents the first outage of the second inspection period in the interval. The Long-Term Plan was prepared so that the major portion of examinations required in an inspection period are performed during the first outage of the inspection period. This allows an examination to be deferred until the next outage if it is considered to have a significant impact on the scheduled outage.

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

Linear indications were noted during magnetic particle testing of a class 2 main feedwater pipe weld. The indications were oriented axially and in the base metal. Since the indications exceeded the allowable standards of IWB-3514.7, they were examined by the volumetric method (UT) as allowed by IWB-3514.2. The indications were not recordable per ASME Section XI, and therefore, acceptable.

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

IMP personnel performed VT-3 and VT-4 visual examinations on ISI component supports. Design sketch nonconformances and other discrepancies found were evaluated by AEPSC Structural and Analytical Design Section. All discrepant pipe supports and associated systems were found to be functional and met operability limits.

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However, some of the pipe supports were repaired to be in accordance with the original design intent. No service induced discrepancies were noted during the inspections.

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

INDIANA-MICHIGAN POWER COMPANY
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VISION: 0

COOK NUCLEAR PLANT UNIT 1

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

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

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

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

002700 1-C-01 HEAD TO FLANGE	B-A	MT	DCC-MT1/0/0/0	X	-	-	SWRI - EXAMINED FROM STUD HOLE #18 TO
	B1.40	UTOL	DCC-UT49/1/0/0	X	-	-	#37. NO EXAMINATION ON FLANGE SIDE DUE
		UTOW	DCC-UT150/1/0/0	X	-	-	TO CONFIGURATION.
		UT45		X	-	-	
		UT45T		X	-	-	**RV-2**
		UT60		X	-	-	
		UT60T		X	-	-	

CLOSURE STUDS

005900 1-RPV-STUD 1 THROUGH 54	B-G-1	MT	DCC-MT2/0/0/0	X	-	-	SWRI - EXAMINED STUDS #10 THRU #27.
	B6.30	UT60	DCC-UT18/1/0/0	X	-	-	
		UT88	DCC-UT17/1/0/0	X	-	-	**3378037 (UNIT-1 RPV STUD)**

CLOSURE NUTS

006000 1-RPV-NUT 1 THROUGH 54	B-G-1	MT	DCC-MT2/0/0/0	X	-	-	SWRI - EXAMINED NUTS #10 THRU #27.
	B6.10	---	---				

CLOSURE WASHERS

006200 1-RPV-WASHER 1 THROUGH 54	B-G-1	VT-1	DCC-VT7/0/0/0	-	-	X	SWRI - EXAMINED WASHERS #10 THRU #27.
	B6.50	PT	DCC-PT1/0/0/0	X	-	-	CNF NO. 2 WASHER #13, NOTED TO HAVE SLIGHT RUST, WAS CLEANED AND LUBED. WASHER #10 HAD A NICK WHICH WAS NOT DETRIMENTAL TO SERVICE.

RPV FLANGE THREADS

006300 1-RPV-FLANGE THREADS 1 THROUGH 54	B-G-1	UTO	DCC-UT5/1/0/0	X	-	-	SWRI - EXAMINED STUD HOLES #19 THRU #36.
	B6.40						**3378037 (UNIT-1 RPV STUD)**

INDIANA MICHIGAN POWER COMPANY
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COOK NUCLEAR PLANT UNIT 1
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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PRESSURIZER

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

CIRCUMFERENTIAL WELDS (FIG NO A-4)

009400 1-PRZ-15 UPPER SHELL TO UPPER HEAD	B-B B2.11	UTOL	DCC-UT49/1/0/0	X - -	SWRI - LIMITED EXAM DUE TO WELDED PLATES, INSTRUMENT LINES AND HEAD TAPER. **RV-3**
		UTOW	DCC-UT15/1/0/0	X - -	
		UT45		X - -	
		UT45T		X - -	
		UT60		X - -	
		UT60T		X - -	

LONGITUDINAL WELDS (FIG NO A-4)

009800 1-PRZ-19 LONGITUDINAL SEAM AT -44 DEG.	B-B B2.12	UTOL	DCC-UT49/1/0/0	X - -	SWRI - EXAMINED 12" OF WELD INTERSECTING WITH 1-PRZ-15. **RV-3**
		UTOW		X - -	
		UT45	DCC-UT15/1/0/0	X - -	
		UT45T		X - -	
		UT60		X - -	
		UT60T		X - -	

NOZZLE INSIDE RADIUS SECTIONS (FIG NO A-4)

010200 6"-1-RC-7-IRS RELIEF NOZZLE	B-D B3.120	UT20	DCC-UT11/1/0/0	X - -	SWRI **IR-CSCL-24-DCC**
010300 6"-1-RC-8-IRS RELIEF NOZZLE	B-D B3.120	UT20	DCC-UT11/1/0/0	X - -	SWRI **IR-CSCL-24-DCC**

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

011000 1-PRZ-21 NOZZLE TO SAFE-END	B-F B5.40	PT	DCC-PT1/0/0/0	X - -	SWRI - AUGMENTED EXAM USING 45 DEG. REFRACTED LONGITUDINAL WAVE IN RESPONSE TO NRC I.N. 90-30. **8-SS-X-1.4-11-DCC**
		UTOL	DCC-UT49/1/0/0	X - -	
		UTOW		X - -	
		UT45	DCC-UT31/1/0/0	X - -	
		UT45T		X - -	
		UT45RL	DCC-UT31/1/0/2	X - -	
		UT45TRL		X - -	

COOK NUCLEAR PLANT UNIT 1

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PRESSURIZER

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

LOWER HEAD TO SUPPORT SKIRT WELD (FIG NO A-4)

011500	1-PRZ-26	B-H	UTOL	DCC-UT49/1/0/0	X	-	-	SHRI
	VESSEL SUPPORT	B8.20	UT45	DCC-UT16/1/0/0	X	-	-	
			UT45T		X	-	-	
PL-1.5-CS-78								

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

STEAM GENERATOR NO. 11

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

PRESSURE RETAINING BOLTING (2" AND LESS) (FIG NO A-5)

012740	STH-11-IMB-1 THROUGH 16	B-G-2	VT-1	12SHP5050NDE006	X	-	-	J.O. 3753
	INLET MANWAY BOLTING	87.30	MT	12SHP5050NDE002	X	-	-	
012760	STH-11-OMB-1 THROUGH 16	B-G-2	VT-1	12SHP5050NDE006	X	-	-	J.O. 3753
	OUTLET MANWAY BOLTING	87.30	MT	12SHP5050NDE002	X	-	-	

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COOK NUCLEAR PLANT UNIT 1
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STEAM GENERATOR NO. 12

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

NOZZLE INSIDE RADIUS SECTIONS (FIG NO A-5)

012900 STH-12-I-IRS B-D UT35 DCC-UT11/1/0/0 X - - SWRI
INLET NOZZLE INSIDE RADIUS B3.140
SECTION

IR-CSCL-24-DCC

013000 STH-12-O-IRS B-D UT35 DCC-UT11/1/0/0 X - - SWRI
OUTLET NOZZLE INSIDE RADIUS B3.140
SECTION

IR-CSCL-24-DCC

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

013100 STH-12-02 B-F PT DCC-PT1/0/0/0 X - - SWRI - LIMITED EXAM DUE TO NOZZLE
ELBOW TO INLET NOZZLE B5.70 UT45RL DCC-UT33/1/0/0 X - - CONFIGURATION.
UT45TRL X - -

3378033 (MAIN RPV COOLANT)

013200 STH-12-03 B-F PT DCC-PT1/0/0/0 X - - SWRI - LIMITED EXAM DUE TO NOZZLE
OUTLET NOZZLE TO ELBOW B5.70 UT45RL DCC-UT33/1/0/0 X - - CONFIGURATION.
UT45TRL X - -

3378033 (MAIN RPV COOLANT)

PRESSURE RETAINING BOLTING (2" AND LESS) (FIG NO A-5)

013400 STH-12-IMB-1 THROUGH 16 B-G-2 VT-1 12SHP5050NDE006 X - - J.O. 3753
INLET MANWAY BOLTING B7.30 HT 12SHP5050NDE002 X - -

013500 STH-12-OMB-1 THROUGH 16 B-G-2 VT-1 12SHP5050NDE006 X - - J.O. 3753
OUTLET MANWAY BOLTING B7.30 HT 12SHP5050NDE002 X - -

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COOK NUCLEAR PLANT UNIT 1
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OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

STEAM GENERATOR NO. 13

				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

PRESSURE RETAINING BOLTING (2" AND LESS) (FIG NO A-5)

014500	STM-13-IMB-1 THROUGH 16	B-G-2	VT-1	12SHP5050NDE006	X	-	-	J.O. 3753
	INLET MANWAY BOLTING	B7.30	MT	12SHP5050NDE002	X	-	-	
014600	STM-13-OMB-1 THROUGH 16	B-G-2	VT-1	12SHP5050NDE006	X	-	-	J.O. 3753
	OUTLET MANWAY BOLTING	B7.30	MT	12SHP5050NDE002	X	-	-	

INDIANA MICHIGAN POWER COMPANY
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COOK NUCLEAR PLANT UNIT 1
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND 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	CATGY	EXAM		E	O	E
NUMBER IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	H	R
				-	-	-
				REMARKS		
				CALIBRATION BLOCK		

PRESSURE RETAINING BOLTING (2" AND LESS) (FIG NO A-5)

015800	STM-14-IMB-1 THROUGH 16	B-G-2	VT-1	12SHP5050NDE006	X	-	-	J.O. 3753
	INLET MANWAY BOLTING	B7.30	MT	12SHP5050NDE002	X	-	-	
015900	STM-14-OMB-1 THROUGH 16	B-G-2	VT-1	12SHP5050NDE006	X	-	-	J.O. 3753
	OUTLET MANWAY BOLTING	B7.30	MT	12SHP5050NDE002	X	-	-	

INDIANA MICHIGAN POWER COMPANY
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COOK NUCLEAR PLANT UNIT 1

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

REACTOR COOLANT SYSTEM

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

<u>LINE 1-RC-2 (FIG NO A-7)</u>								
023000	1-RC-2-17N	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI - NO EXAM ON BRANCH CONNECTION SIDE
	14-IN. NOZZLE (BRANCH	B9.31	UT45RL	DCC-UT33/1/0/0	X	-	-	DUE TO WELD CONFIGURATION.
	CONNECTION)		UT45TRL		X	-	-	
37-CCSS-X-3.0-9-DCC								
023900	1-RC-2-12S	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	PIPE TO ELBOW	B9.11	UT45RL	DCC-UT33/1/0/0	X	-	-	
			UT45TRL		X	-	-	
37-CCSS-X-3.0-9-DCC								
024000	1-RC-2-12SLD-I	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	LONGITUDINAL SEAM	B9.12	UT45RL	DCC-UT33/1/0/0	X	-	-	
			UT45TRL		X	-	-	
37-CCSS-X-3.0-9-DCC								
024100	1-RC-2-12SLD-O	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	LONGITUDINAL SEAM	B9.12	UT45RL	DCC-UT33/1/0/0	X	-	-	
			UT45TRL		X	-	-	
37-CCSS-X-3.0-9-DCC								
024400	1-RC-2-12F	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI - LIMITED EXAM DUE TO PUMP NOZZLE
	ELBOW TO PUMP	B9.11	UT45RL	DCC-UT33/1/0/0	X	-	-	CONFIGURATION.
			UT45TRL		X	-	-	
37-CCSS-X-3.0-9-DCC								
<u>LINE 1-RC-3 (FIG NO A-8B)</u>								
027600	1-RC-3-43N	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI - NO EXAM ON BRANCH CONNECTION SIDE
	4-IN. NOZZLE (BRANCH	B9.31	UTOL	DCC-UT49/1/0/0	X	-	-	DUE TO WELD CONFIGURATION.
	CONNECTION)		UTOW		X	-	-	
			UT45RL	DCC-UT33/1/0/0	X	-	-	
			UT45TRL		X	-	-	**37-CCSS-X-3.0-9-DCC**

INDIANA MICHIGAN POWER COMPANY
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COOK NUCLEAR PLANT UNIT 1
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
		SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
NUMBER	IDENTIFICATION				C	M	R
							REMARKS
							CALIBRATION BLOCK
<hr/>							
<u>LINE 1-RC-3 (FIG NO A-8B)</u>							
027700	1-RC-3-20S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	PIPE TO PIPE	B9.11	UT45RL	DCC-UT33/1/0/0	X	-	
			UT45TRL		X	-	
							37-CCSS-X-3.0-9-DCC
<u>LINE 1-RC-4 (FIG NO A-9A)</u>							
028800	1-RC-4-25F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	ELBOW TO PIPE	B9.11	UT45RL	DCC-UT33/1/0/0	X	-	
			UT45TRL		X	-	
							3378033 (MAIN RPV COOLANT)
029100	1-RC-4-52N	B-J	PT	12SHP5050NDE001	X	-	J.O. A003735
	3-IN. NOZZLE (BRANCH CONNECTION)	B9.32					
<u>LINE 1-RC-5 (FIG NO A-10)</u>							
030900	1-RC-5-01F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI - NO EXAM FROM BRANCH CONNECTION
	BRANCH CONNECTION TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	X	-	SIDE DUE TO WELD CONFIGURATION.
			UT45T		X	-	
							3378032 (14-SS-160-1.40)
<u>LINE 1-RC-6 (FIG NO A-11)</u>							
031900	1-RC-6-07S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/0	-	X	
			UT45T		X	-	
							3378028 (6-SS-160-.71)
033200	1-RC-6-20S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	REDUCER TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	X	-	
			UT45T		X	-	
							3378027 (4-SS-120-.430)



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

LINE 1-RC-9 (FIG NO A-14)

037200	1-RC-9-04S	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	-	X	-	
			UT45T		X	-	-	
								3378028 (6-SS-160-.71)

037700	1-RC-9-09S-FB	B-G-2	VT-1	12SHP5050NDE006	X	-	-	J.O. A003735
	FLANGE BOLTING	B7.50						

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

038300	1-RC-10-06S	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	X	-	-	
			UT45T		X	-	-	
								3378027 (4-SS-120-.430)

038400	1-RC-10-07S	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI - EXAM PERFORMED IN RESPONSE TO NRC
	PIPE TO TEE	B9.11	UT45	DCC-UT31/1/0/1	X	-	-	BULLETIN 88-08, SUPP. 2. AUGMENTED UT IN
			UT45T		X	-	-	ACCORDANCE WITH WCAP-12143.
			UT60		X	-	-	
			UT60T		X	-	-	**3378027 (4-SS-120-.430)**

038500	1-RC-10-08F	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI - EXAM PERFORMED IN RESPONSE TO NRC
	TEE TO PIPE	B9.11	UT45	DCC-UT31/1/0/1	X	-	-	BULLETIN 88-08, SUPP. 2. AUGMENTED UT IN
			UT45T		X	-	-	ACCORDANCE WITH WCAP-12143.
			UT60		X	-	-	
			UT60T		X	-	-	**3378027 (4-SS-120-.430)**

038600	1-RC-10-09F	B-J	PT	DCC-PT1/0/0/0	X	-	-	SWRI - EXAM PERFORMED IN RESPONSE TO
	TEE TO PIPE	B9.11	UT45	DCC-UT31/1/0/1	X	-	-	BULLETIN 88-08, SUPP. 2. AUGMENTED UT IN
			UT45T		X	-	-	ACCORDANCE WITH WCAP-12143.
			UT60		X	-	-	
			UT60T		X	-	-	**3378027 (4-SS-120-.430)**

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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
<hr/>							
<u>LINE 1-RC-10 (FIG NO A-15)</u>							
038700	1-RC-10-10S	B-J	PT	DCC-PT1/0/0/0	X	-	-
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/1	X	-	-
			UT45T		X	-	-
			UT60		X	-	-
			UT60T		X	-	-
							SWRI - EXAM PERFORMED IN RESPONSE TO NRC BULLETIN 88-08, SUPP. 2. AUGMENTED IN ACCORDANCE WITH WCAP-12143.
							3378027 (4-SS-120-.430)
040500	1-RC-10-24F	B-J	PT	DCC-PT1/0/0/0	X	-	-
	PIPE TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	X	-	-
			UT45T		X	-	-
							SWRI
							3378027 (4-SS-120-.430)
040600	1-RC-10-24F-HL 1 THROUGH 4	B-K-1	PT	12SHP5050NDE001	X	-	-
	HANGER LUG	B10.10					J.O. A003735
041900	1-RC-10-30S	B-J	PT	DCC-PT1/0/0/0	X	-	-
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	X	-	-
			UT45T		X	-	-
							SWRI
							3378027 (4-SS-120-.430)
<u>LINE 1-RC-11 (FIG NO A-16)</u>							
043300	1-RC-11-05F	B-J	PT	DCC-PT1/0/0/0	X	-	-
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/0	X	-	-
			UT45T		X	-	-
							SWRI
							3378027 (4-SS-120-.430)
044300	1-RC-11-17S	B-J	PT	DCC-PT1/0/0/0	X	-	-
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	X	-	-
			UT45T		X	-	-
							SWRI
							3378027 (4-SS-120-.430)
<u>LINE 1-RC-12 (FIG NO A-17)</u>							
045700	1-RC-12-08F	B-J	PT	DCC-PT1/1/0/0	X	-	-
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	X	-	-
			UT45T		X	-	-
							SWRI
							3378027 (4-SS-120-.430)

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

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

046300	1-RC-12-18F ELBOW TO VALVE	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT31/1/0/0	X X X	- - -	SWRI **3378027 (4-SS-120-.430)**
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LINE 1-RC-13 (FIG NO A-18)

047050	1-RC-13-01S-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12SHP5050NDE006	X	- - -	J.O. A003735
047900	1-RC-13-07S PIPE TO ELBOW	B-J B9.21	PT	12SHP5050NDE001	X	- - -	J.O. A003735
048000	1-RC-13-08F ELBOW TO VALVE	B-J B9.21	PT	DCC-PT1/0/0/0	X	- - -	SWRI
048100	1-RC-13-09F VALVE TO ELBOW	B-J B9.21	PT	12SHP5050NDE001	X	- - -	J.O. A003735
048200	1-RC-13-10S ELBOW TO PIPE	B-J B9.21	PT	12SHP5050NDE001	X	- - -	J.O. A003735

LINE 1-RC-16 (FIG NO A-21A)

058700	1-RC-16-24S ELBOW TO PIPE	B-J B9.21	PT	12SHP5050NDE001	X	- - -	J.O. A003735
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		SEC. XI			O	G	T	
		CATGY	EXAM			R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E	REMARKS
NUMBER	IDENTIFICATION				C	H	R	**CALIBRATION BLOCK**
-----		-----	-----	-----	-	-	-	-----

LINE 1-RC-16 (FIG NO A-21A)

058800 1-RC-16-25S B-J PT 12SHP5050NDE001 X - - J.O. A003735
PIPE TO ELBOW B9.21

058900 1-RC-16-26S B-J PT 12SHP5050NDE001 X - - J.O. A003735
ELBOW TO PIPE B9.21

059000 1-RC-16-28F B-J PT 12SHP5050NDE001 X - - J.O. A003735
PIPE TO ELBOW B9.21

059100 1-RC-16-29F B-J PT 12SHP5050NDE001 X - - J.O. A003735
ELBOW TO PIPE B9.21

LINE 1-RC-501 (FIG NO A-22)

060200 1-RC-501-06S B-J PT 12SHP5050NDE001 X - - J.O. A003735
PIPE TO ELBOW B9.40

LINE 1-RC-504 (FIG NO A-23)

060900 1-RC-504-01S B-J PT 12SHP5050NDE001 X - - J.O. A003735
REDUCER TO ELBOW B9.40

061000 1-RC-504-02S B-J PT 12SHP5050NDE001 X - - J.O. A003735
ELBOW TO PIPE B9.40

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NUMBER	IDENTIFICATION	ITEM NO	METHOD				O	G	E	
							R	E	H	
							E	O	E	
							C	H	R	**CALIBRATION BLOCK**
							-	-	-	

LINE 1-RC-504 (FIG NO A-23)

061200 1-RC-504-04S B-J PT 12SHP5050NDE001 X - - J.O. A003735
CROSS TO REDUCER B9.40

061300 1-RC-504-05S B-J PT 12SHP5050NDE001 X - - J.O. A003735
CROSS TO REDUCER B9.40

062950 1-RC-504-21S-FB B-G-2 VT-1 12SHP5050NDE006 X - - J.O. A003735
FLANGE BOLTING B7.50

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

066150 1-RC-505-26S-FB B-G-2 VT-1 12SHP5050NDE006 X - - J.O. A003735
FLANGE BOLTING B7.50

066800 1-RC-505-30S B-J PT 12SHP5050NDE001 X - - J.O. A003735
PIPE TO ELBOW B9.40

066900 1-RC-505-31S B-J PT 12SHP5050NDE001 X - - J.O. A003735
ELBOW TO PIPE B9.40

067000 1-RC-505-32S B-J PT 12SHP5050NDE001 X - - J.O. A003735
PIPE TO VALVE B9.40

067100 1-RC-505-33S B-J PT 12SHP5050NDE001 X - - J.O. A003735
VALVE TO PIPE B9.40

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

<u>LINE 1-RC-505 (FIG NO A-24)</u>								
067200	1-RC-505-34F PIPE TO TEE	B-J B9.21	PT	12SHP505ONDE001	X	-	-	J.O. A003735
<u>LINE 1-RC-510 (FIG NO A-29)</u>								
084000	1-RC-510-18S TEE TO PIPE	B-J B9.40	PT	12SHP505ONDE001	X	-	-	J.O. A003735
084100	1-RC-510-19S PIPE TO VALVE	B-J B9.40	PT	12SHP505ONDE001	X	-	-	J.O. A003735
084200	1-RC-510-20S VALVE TO PIPE	B-J B9.40	PT	12SHP505ONDE001	X	-	-	J.O. A003735
084300	1-RC-510-21S PIPE TO FLANGE	B-J B9.40	PT	12SHP505ONDE001	X	-	-	J.O. A003735
084350	1-RC-510-21S-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12SHP505ONDE006	X	-	-	J.O. A003735
084400	1-RC-510-22S TEE TO PIPE	B-J B9.40	PT	12SHP505ONDE001	X	-	-	J.O. A003735
<u>LINE 1-RC-511 (FIG NO A-30)</u>								
85700	1-RC-511-08F PIPE TO ELBOW	B-J B9.40	PT	12SHP505ONDE001	X	-	-	J.O. A003735

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

LINE 1-RC-511 (FIG NO A-30)

085800	1-RC-511-09S ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. A003735
085900	1-RC-511-10S PIPE TO VALVE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. A003735
086000	1-RC-511-11S VALVE TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. A003735
086100	1-RC-511-12S PIPE TO VALVE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. A003735
086200	1-RC-511-13S VALVE TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	-	J.O. A003735
087950	1-RC-511-28S-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	12SHP5050NDE006	X	-	-	J.O. A003735

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

LINE 1-SI-21 (FIG NO A-31)

090500	1-SI-21-35S	B-J	PT	DCC-PT1/0/0/0	X - -	SWRI
	ELBOW TO TEE	B9.11	UT45	DCC-UT31/1/0/0	- X -	
			UT45T		X - -	
						3378029 (8-SS-140-.81)

LINE 1-SI-22 (FIG NO A-32)

092100	1-SI-22-11F	B-J	PT	DCC-PT1/0/0/0	X - -	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/0	X - -	
			UT45T		X - -	
						3378028 (6-SS-160-.71)

092600	1-SI-22-17S	B-J	PT	DCC-PT1/0/0/0	X - -	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	- X -	
			UT45T		X - -	
						3378028 (6-SS-160-.71)

LINE 1-SI-23 (FIG NO A-33)

094500	1-SI-23-16S	B-J	PT	DCC-PT1/0/0/0	X - -	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	- X -	
			UT45T		X - -	
						3378028 (6-SS-160-.71)

LINE 1-SI-25 (FIG NO A-34)

095200	1-SI-25-23S-HL 1 THROUGH 4 HANGER LUG	B-K-1 B10.10	PT	12SHP5050NDE001	X - -	J.O. A003735 - HANGER LUGS 3 AND 4 WERE INACCESSIBLE DUE TO SUPPORT STRUCTURE.
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096600	1-SI-25-31S	B-J	PT	DCC-PT1/0/0/0	X - -	SWRI
	TEE TO REDUCER	B9.11	UT45	DCC-UT31/1/0/0	- X -	
			UT45T		X - -	
						3378029 (8-SS-140-.81)

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SUMMARY EXAMINATION AREA		ASME			N	O	
		SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	E	O	E
					C	H	R
							REMARKS
							CALIBRATION BLOCK
<hr/>							
<u>LINE 1-SI-26 (FIG NO A-35)</u>							
097800	1-SI-26-08F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	X	-	
			UT45T		X	-	
							3378028 (6-SS-160-.71)
<u>LINE 1-SI-27 (FIG NO A-36)</u>							
098700	1-SI-27-02F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	ELBOW TO ELBOW	B9.11	UT45	DCC-UT31/1/0/0	-	X	
			UT45T		X	-	
							3378028 (6-SS-160-.71)
<u>LINE 1-SI-28 (FIG NO A-37)</u>							
100700	1-SI-28-05F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	VALVE TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	X	-	
			UT45T		X	-	
							3378030 (10-SS-140-1.0)
<u>LINE 1-SI-29 (FIG NO A-37)</u>							
101000	1-SI-29-04F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	X	-	
			UT45T		X	-	
							3378030 (10-SS-140-1.0)
101300	1-SI-29-07S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/0	X	-	
			UT45T		X	-	
							3378030 (10-SS-140-1.0)
101700	1-SI-29-11S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/0	X	-	
			UT45T		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	M	R
							REMARKS
							CALIBRATION BLOCK
<hr/>							
<u>LINE 1-SI-29 (FIG NO A-37)</u>							
102700	1-SI-29-23S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	TEE TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	X	-	
			UT45T		X	-	
							3378030 (10-SS-140-1.0)
<u>LINE 1-SI-31 (FIG NO A-38)</u>							
104800	1-SI-31-15S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	-	X	
			UT45T		X	-	
							3378030 (10-SS-140-1.0)
105000	1-SI-31-18S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	-	X	
			UT45T		X	-	
							3378030 (10-SS-140-1.0)
<u>LINE 1-SI-33 (FIG NO A-39)</u>							
107800	1-SI-33-15S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	-	X	
			UT45T		X	-	
							3378030 (10-SS-140-1.0)
108000	1-SI-33-17F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	ELBOW TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	-	X	
			UT45T		X	-	
							3378030 (10-SS-140-1.0)
108500	1-SI-33-23S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	TEE TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	-	X	
			UT45T		X	-	
							3378030 (10-SS-140-1.0)

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SAFETY INJECTION SYSTEM

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

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

110000	1-SI-35-06S PIPE TO ELBOW	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT31/1/0/0	X - - - X - X - -			SWRI **3378030 (10-SS-140-1.0)**
110100	1-SI-35-07F ELBOW TO PIPE	B-J B9.11	PT UT45 UT45T	DCC-PT1/0/0/0 DCC-UT31/1/0/0	X - - - X - X - -			SWRI **3378030 (10-SS-140-1.0)**

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

13500	1-SI-545-35F ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X - -			J.O. A003735
114900	1-SI-545-49S ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X - -			J.O. A003735
116000	1-SI-545-60F PIPE TO BRANCH CONNECTION	B-J B9.40	PT	12SHP5050NDE001	X - -			J.O. A003735

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

116400	1-SI-546-21S VALVE TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X - -			J.O. A003735
117000	1-SI-546-27F ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X - -			J.O. A003735

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SUMMARY EXAMINATION AREA		ASHE			N	O	
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM			
		ITEM NO	METHOD	PROCEDURE	E	O	E
					C	M	R
							REMARKS
							CALIBRATION BLOCK
<u>LINE 1-SI-546 (FIG NO A-42A)</u>							
117400	1-SI-546-29F ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. A003735
<u>LINE 1-SI-548 (FIG NO A-43)</u>							
120300	1-SI-548-30S PIPE TO ELBOW	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. A003735
121100	1-SI-548-34S PIPE TO ELBOW	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. A003735
<u>LINE 1-SI-549 (FIG NO A-44)</u>							
124100	1-SI-549-43F ELBOW TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. A003735
125100	1-SI-549-53S COUPLING TO PIPE	B-J B9.40	PT	12SHP5050NDE001	X	-	J.O. A003735



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CHEMICAL AND VOLUME CONTROL SYSTEM

					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-CS-96 (FIG NO A-46)

128400	1-CS-96-51F	B-J	PT	12SHP5050NDE001	X	-	-	J.O. A003735
	PIPE TO ELBOW	B9.21						

LINE 1-CS-99 (FIG NO A-48)

130000	1-CS-99-07F	B-J	PT	12SHP5050NDE001	X	-	-	J.O. A003735
	VALVE TO PIPE	B9.21						

131200	1-CS-99-15S	B-J	PT	12SHP5050NDE001	X	-	-	J.O. A003735
	PIPE TO ELBOW	B9.21						

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

142000	1-CS-780-15S	B-J	PT	12SHP5050NDE001	X	-	-	J.O. A003735
	ELBOW TO PIPE	B9.40						

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RESIDUAL HEAT REMOVAL SYSTEM

SUMMARY	EXAMINATION AREA	ASME			N	O	
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM		G	T
		ITEH NO	METHOD	PROCEDURE	E	O	E
					C	H	R
							REMARKS
							CALIBRATION BLOCK
<u>LINE 1-RH-28 (FIG NO A-58)</u>							
143600	1-RH-28-01S	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	PIPE TO ELBOW	B9.11	UT45	DCC-UT31/1/0/0	-	X	
			UT45T		X	-	
							3378032 (14-SS-160-1.40)
144200	1-RH-28-05F	B-J	PT	DCC-PT1/0/0/0	X	-	SWRI
	PIPE TO PIPE	B9.11	UT45	DCC-UT31/1/0/0	X	-	
			UT45T		X	-	
							3378032 (14-SS-160-1.40)

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CLASS 1 COMPONENTS

WASTE DISPOSAL SYSTEM

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

LINE 1-WD-642 (FIG NO A-61)

146700	1-WD-642-03S	B-J	PT	12SHP5050NDE001	X	-	-	J.O. A003735
	VALVE TO PIPE	B9.40						

LINE 1-WD-644 (FIG NO A-62)

147800	1-WD-644-09S	B-J	PT	12SHP5050NDE001	X	-	-	J.O. A003735
	PIPE TO VALVE	B9.40						

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CLASS 1 COMPONENTS

REACTOR COOLANT PUMP NO. 11

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

PUMP FLYWHEEL (FIG NO A-64)

148600	FLYWHEEL	--	UTO	DCC-UT7/1/0/0	X - -	SWRI - EXAMINED BORE AND KEYWAY.
	(IN PLACE)	RG1.14				

RC-FLYWHEEL-CS-31-DCC

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CLASS 1 COMPONENTS

REACTOR COOLANT PUMP NO. 12

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

PUMP FLYWHEEL (FIG NO A-64)

149500	FLYWHEEL	--	MT	DCC-MT1/0/0/0	X	-	-	SWRI
	(WHEN REMOVED)	RG1.14	PT	DCC-PT1/0/0/0	X	-	-	
			UTOL	DC-UT49/1/0/0	X	-	-	
								RC-FLYWHEEL-CS-31-DCC

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REACTOR COOLANT PUMP NO. 13

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	M	R
							REMARKS
							CALIBRATION BLOCK

PUMP FLYWHEEL (FIG NO A-64)

150200	FLYWHEEL (IN PLACE)	--	UTO	DCC-UT7/1/0/0	X	-	-	SWRI - EXAMINED BORE AND KEYWAYS.
		RG1.14						

RC-FLYWHEEL-CS-31-DCC

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CLASS 1 COMPONENTS

REACTOR COOLANT PUMP NO. 14

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

PUMP FLYWHEEL (FIG NO A-64)

151000	FLYWHEEL	--	UTO	DCC-UT7/1/0/0	X	-	-	SHRI - EXAMINED BORE AND KEYWAYS.
	(IN PLACE)	RG1.14						

RC-FLYWHEEL-CS-31-DCC

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VALVE PRESSURE RETAINING BOLTING (2" AND LESS)

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

LINE 1-RC-9 (FIG NO A-14)

224200	SV-45-A	B-G-2	VT-1	12SHP5050NDE006	X - -	J.O. A003735
	FLANGE BOLTING	B7.70				

LINE 1-SI-25 (FIG NO A-34)

224800	IMO-315	B-G-2	VT-1	12SHP5050NDE006	X - -	J.O. A003735
	FLANGE BOLTING	B7.70				

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

25000	SI-158-L2	B-G-2	VT-1	12SHP5050NDE001	X - -	J.O. A003735
	FLANGE BOLTING	B7.70				

LINE 1-SI-34 (FIG NO A-40)

225600	SI-166-L4	B-G-2	VT-1	12SHP5050NDE006	X - -	J.O. A003735
	FLANGE BOLTING	B7.70				

LINE 1-SI-71 (FIG NO A-40)

226100	SI-161-L4	B-G-2	VT-1	12SHP5050NDE006	X - -	J.O. A003735
	FLANGE BOLTING	B7.70				

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CLASS 2 COMPONENTS

REGENERATIVE HEAT EXCHANGER

SUMMARY EXAMINATION AREA		ASME			N	O	T	
		SEC. XI				G		
		CATGY	EXAM			R	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		E	O	E
						C	H	R
CIRCUMFERENTIAL WELDS (FIG NO B-5)								
300440	RHE-1-01	C-A	UTOL	DCC-UT49/1/0/0	X	-	-	SWRI
	CAP TO SHELL	C1.20	UTOW		X	-	-	
			UT45RL	DCC-UT30/0/0/0	X	-	-	
			UT45TRL		X	-	-	
9.625-CCSS-X-1.0-2-DCC								
300450	RHE-1-05	C-A	UTOL	DCC-UT49/1/0/0	X	-	-	SWRI
	SHELL TO TUBE SHEET	C1.30	UTOW		X	-	-	
			UT45RL	DCC-UT30/0/0/0	X	-	-	
			UT45TRL		X	-	-	
9.625-CCSS-X-1.0-2-DCC								
300460	RHE-1-06	C-A	UTOL	DCC-UT49/1/0/0	X	-	-	SWRI
	TUBE SHEET TO SHELL	C1.30	UTOW		X	-	-	
			UT45RL	DCC-UT30/0/0/0	X	-	-	
			UT45TRL		X	-	-	
9.625-CCSS-X-1.0-2-DCC								
300470	RHE-1-08	C-A	UTOL	DCC-UT49/1/0/0	X	-	-	SWRI
	SHELL TO CAP	C1.20	UTOW		X	-	-	
			UT45RL	DCC-UT30/0/0/0	X	-	-	
			UT45TRL		X	-	-	
9.625-CCSS-X-1.0-2-DCC								

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CLASS 2 COMPONENTS

CHEMICAL AND VOLUME CONTROL TANK

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

CIRCUMFERENTIAL WELDS (FIG NO B-6)

300690	1-CVCT-2	C-A	UTOL	DCC-UT49/1/0/0	X	-	-	SHRI - LIMITED EXAM DUE TO WELDED
	SHELL TO LOWER HEAD	C1.20	UTOW		X	-	-	SUPPORT LEGS.
			UT45	DCC-UT26/1/0/0	X	-	-	
			UT45T		X	-	-	
PL-.312-SS-23R-DCC								

INTEGRALLY WELDED VESSEL SUPPORTS (FIG NO B-6)

300710	1-CVCT-2VS-4, 5, & 6	C-C	PT	12SHP5050NDE001	X	-	-	J.O. A003735
		C3.10						

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CTS HEAT EXCHANGER EAST

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

CIRCUMFERENTIAL WELDS (FIG NO B-7)

300731	E-CTSHX-1	C-A	UTOL	DCC-UT49/1/0/0	X	-	-	SWRI - EXAMINED TUBE SHEET SIDE. SHELL
	TUBE SHEET TO SHELL	C1.30	UTOW		X	-	-	SIDE EXAMINED DURING 1987 REFUELING
			UT45	DCC-UT45/1/0/0	-	X	-	OUTAGE.
			UT45T		X	-	-	
			UT60		-	X	-	**SS-27-DCC/CS-37-DCC**

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CLASS 2 COMPONENTS

CTS HEAT EXCHANGER WEST

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

CIRCUMFERENTIAL WELDS (FIG NO B-7A)

300740	W-CTSHX-2	C-A	UTOL	DCC-UT49/1/0/0	X	-	-	SWRI
	SHELL TO FLANGE	C1.10	UTOW		X	-	-	
			UT45	DCC-UT45/1/0/0	X	-	-	
			UT45T		-	X	-	
			UT60		X	-	-	**PL-1.000-SS-27-DCC**



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CLASS 2 COMPONENTS

RHR 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

NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (FIG NO B-8A)

300850	W-RHRHEX-OUT	C-B	PT	DCC-PT1/0/0/0	X	-	-	SWRI
	SHELL TO NOZZLE	C2.21	UTOL	DCC-UT49/1/0/0	X	-	-	
			UTOW		X	-	-	
			UT45	DCC-UT45/1/0/0	-	X	-	
			UT45T		X	-	-	**PL-SS-1.0-27-DCC**
			UT60		X	-	-	

INTEGRALLY WELDED VESSEL SUPPORTS (FIG NO B-8A)

300870	W-RHRHEX-2VS	C-C	PT	12SHP5050NDE001	X	-	-	J.O. A003735 - 10% OF WELD INACCESSIBLE
	VESSEL SUPPORT	C3.10						DUE TO VESSEL SUPPORT STRUCTURE.

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CLASS 2 COMPONENTS

BORON INJECTION TANK

				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-9)

300880	1-BIT-A	C-A	UTOL	DCC-UT49/1/0/0	X	-	-	SWRI - LIMITED EXAM ON THE SHELL SIDE
	SHELL TO LOWER HEAD	C1.20	UTOW	DCC-UT15/1/0/0	X	-	-	DUE TO THE TANK SUPPORT LEGS.
			UT45		X	-	-	
			UT45T		X	-	-	
			UT60		X	-	-	**TO BE DETERMINED**
			UT60T		X	-	-	

INTEGRALLY WELDED VESSEL SUPPORTS (FIG NO B-9)

300930	1-BIT-VS-2	C-C	MT	12SHP5050NDE002	X	-	-	J.O. A003735
		C3.10						

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EMERGENCY CORE COOLING SYSTEM

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

<u>LINE 1-SI-2 (FIG NO B-10)</u>								
301160	1-SI-2-18S ELBOW TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. A003735
<u>LINE 1-SI-3 (FIG NO B-11)</u>								
301870	1-SI-3-26S REDUCER TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. A003735
<u>LINE 1-SI-4 (FIG NO B-12)</u>								
J2250	1-SI-4-11F ELBOW TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. A003735
<u>LINE 1-SI-20 (FIG NO B-13)</u>								
302450	1-SI-20-06F-HL 1 AND 2 HANGER LUG	C-C C3.20	PT	12SHP5050NDE001	X	-	-	J.O. A003735
<u>LINE 1-SI-30 (FIG NO B-18)</u>								
303320	1-SI-30-01F NOZZLE TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. A003735
<u>LINE 1-SI-71 (FIG NO B-24)</u>								
304520	1-SI-71-11S REDUCER TO PIPE	C-F C5.21	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/0 DCC-UT31/1/0/0	X X X X	- - - -	- - - -	SWRI

3378028 (6-SS-160-.71)

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EMERGENCY CORE COOLING SYSTEM

SUMMARY EXAMINATION AREA		ASHE			N	O	
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM			
		ITEM NO	METHOD	PROCEDURE	E	O	E
					C	H	R
							REMARKS
							CALIBRATION BLOCK
<u>LINE 1-RH-1 (FIG NO B-25)</u>							
304740	1-RH-1-03S PIPE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	J.O. A003735
304910	1-RH-1-14S PIPE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	J.O. A003735
<u>LINE 1-RH-3 (FIG NO B-27)</u>							
305530	1-RH-3-14S PIPE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	J.O. A003735
305610	1-RH-3-22S PIPE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	J.O. A003735
<u>LINE 1-RH-5 (FIG NO B-29)</u>							
305890	1-RH-5-04S TEE TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	J.O. A003735
<u>LINE 1-RH-9 (FIG NO B-33)</u>							
307760	1-RH-9-22F PIPE TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	J.O. A003735
<u>LINE 1-RH-11 (FIG NO B-35)</u>							
308030	1-RH-11-04F PIPE TO VALVE	C-F C5.11	PT	12SHP5050NDE001	X	-	J.O. A003735

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CHEMICAL AND VOLUME CONTROL SYSTEM

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

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

308700	1-CS-35-21S	C-F	PT	12SHP5050NDE001	X	-	-	J.O. A003735
	ELBOW TO PIPE	C5.11						

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CLASS 2 COMPONENTS

CONTAINMENT SPRAY PIPING

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

CALIBRATION BLOCK

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

309160	1-CTS-1-33S ELBOW TO PIPE	C-F C5.11	PT UTOL UT45 UT45T	DCC-PT1/0/0/0	X	-	-	SWRI
				DCC-UT49/1/0/0	X	-	-	
				DCC-UT35/1/0/0	X	-	-	
					X	-	-	

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

309310	1-CTS-2-13S PIPE TO ELBOW	C-F C5.11	PT UTOL UT45 UT45T	DCC-PT1/0/0/0	X	-	-	SWRI
				DCC-UT49/1/0/0	X	-	-	
				DCC-UT35/1/0/0	X	-	-	
					X	-	-	

9400	1-CTS-2-31S ELBOW TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. A003735
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LINE 1-CTS-3 (FIG NO B-43)

309620	1-CTS-3-08S ELBOW TO PIPE	C-F C5.11	PT UTOL UT45 UT45T	DCC-PT1/0/0/0	X	-	-	SWRI
				DCC-UT49/1/0/0	X	-	-	
				DCC-UT35/1/0/0	X	-	-	
					X	-	-	

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

LINE 1-CTS-4 (FIG NO B-44)

309880	1-CTS-4-10S TEE TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. A003735
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309930	1-CTS-4-13S TEE TO ELBOW	C-F C5.11	PT UTOL UT45 UT45T	DCC-PT1/0/0/0	X	-	-	SWRI
				DCC-UT49/1/0/0	X	-	-	
				DCC-UT35/1/0/0	X	-	-	
					X	-	-	

10-SS-40-.365-26-DCC

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CLASS 2 COMPONENTS

CONTAINMENT SPRAY PIPING

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

LINE 1-CTS-6 (FIG NO B-46)

310470	1-CTS-6-02F	C-F	PT	12SHP5050NDE001	X	-	-	J.O. A003735
	PIPE TO VALVE	C5.11						

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FEEDWATER SYSTEM

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

<u>LINE 1-FW-10 (FIG NO B-47)</u>							
310790	1-FW-10-07S	C-F	HT	DCC-HT1/0/0/0	X	-	SWRI
	ELBOW TO PIPE	C5.21	UTOL	DCC-UT49/1/0/0	X	-	
			UT45	DCC-UT41/1/0/0	X	-	
			UT45T		X	-	
310870	1-FW-10-13F-A-PL	C-C	HT	12SHP5050NDE002	X	-	J.O. A003735
	PIPE LUG	C3.20					
310874	1-FW-10-13F-B-PL 1 AND 2	C-C	HT	12SHP5050NDE002	X	-	J.O. A003735
	PIPE LUG	C3.20					
310930	1-FW-10-17S	C-F	HT	DCC-HT1/0/0/0	-	-	SWRI - CNF NO. 1; LINEAR INDICATIONS
	ELBOW TO PIPE	C5.21	UTOL	DCC-UT49/1/0/0	X	-	FOUND BY HT WERE EXAMINED BY UT AND
			UT45	DCC-UT41/1/0/0	-	X	FOUND TO BE ALLOWABLE PER IWB-3514.2.
			UT45T		X	-	
<u>LINE 1-FW-11 (FIG NO B-48)</u>							
311050	1-FW-11-03F	C-F	HT	DCC-HT1/0/0/0	X	-	SWRI
	FLUED HEAD TO PIPE	C5.21	UTOL	DCC-UT49/1/0/0	X	-	
			UT45	DCC-UT41/1/0/0	X	-	
			UT45T		X	-	
<u>LINE 1-FW-12 (FIG NO B-49)</u>							
311280	1-FW-12-07F-PL 1 AND 2	C-C	HT	12SHP5050NDE002	X	-	J.O. A003735
	PIPE LUG	C3.20					
<u>LINE 1-FW-13 (FIG NO B-50)</u>							
1590	1-FW-13-11F	C-F	HT	DCC-HT1/0/0/0	X	-	SWRI
	ELBOW TO PIPE	C5.21	UTOL	DCC-UT49/1/0/0	X	-	
			UT45	DCC-UT41/1/0/0	-	X	
			UT45T		X	-	

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FEEDWATER SYSTEM

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

LINE 1-FW-17 (FIG NO B-53)

312060	1-FW-17-07S	C-F	HT					DCC-MT1/0/0/0	X	-	SWRI
	ELBOW TO PIPE	C5.21	UTOL					DCC-UT49/1/0/0	X	-	
			UT45					DCC-UT41/1/0/0	X	-	
			UT45T						X	-	

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MAIN STEAM SYSTEM

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

LINE 1-MS-1 (FIG NO B-59)

313320	1-MS-1-11S-PS PENETRATION SUPPORT WELD	C-C C3.20	PT	12SHP5050NDE001	X - -	J.O. A003735 - HEAT EFFECTED ZONE ON ONE SIDE OF WELD INACCESSIBLE DUE TO A WELDED WATER JACKET.
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LINE 1-MS-7 (FIG NO B-62)

313980	1-MS-7-23 SADDLE TO PIPE	C-F C5.21	HT	12SHP5050NDE002	X - -	J.O. A003735
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CLASS 1 COMPONENTS

PRESSURIZER

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

SUPPORT COMPONENTS (FIG NO A-4)

601000	1-PRZ-SUPPORT	F-A	VT-3	12SHP5050NDE006	X - -	J.O. A003735
		F1.00				

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CLASS 1 COMPONENTS

STEAM GENERATORS

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

VESSEL SUPPORTS

602010	STH-12-SUPPORT	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. A003537
		F2.00						

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CLASS 1 COMPONENTS**

EMERGENCY CORE COOLING SYSTEM

SUMMARY	EXAMINATION AREA	ASME							
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM	PROCEDURE				REMARKS
		ITEM NO	METHOD						**CALIBRATION BLOCK**
<u>LINE 1-SI-21 (FIG NO A-31)</u>									
619600	1-GSI-R-658 REV. 4 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP5050NDE006	- - X				J.O. A003733 - PROBLEM REPORT PR90-1677; DESIGN/AS-FOUND DISCREPANCY AND PORTION OF SUPPORT HAD MINOR RUST. SUPPORT WAS CLEANED AND PAINTED.
<u>LINE 1-SI-25 (FIG NO A-34)</u>									
620900	1-GSI-R-666 REV. 1 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP5050NDE006	X - -				J.O. A003733
<u>LINE 1-SI-29 (FIG NO A-37)</u>									
621200	1-GSI-R-550 REV. 5 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X - -				J.O. A003733
<u>LINE 1-SI-31 (FIG NO A-38)</u>									
621400	1-GSI-R-545 REV. 7 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X - -				J.O. A003733
<u>LINE 1-SI-33 (FIG NO A-39)</u>									
621600	1-GSI-R-546 REV. 2 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X - -				J.O. A003733
<u>LINE 1-SI-545 (FIG NO A-41)</u>									
623550	1-GSI-L-590A REV. 0 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	- - X				J.O. A003733 - PROBLEM REPORT PR90-1799; DESIGN/AS-FOUND DISCREPANCY - ACCEPTABLE PER S&ADSN. J.O. TO REPLACE S/S PIPE BAND.

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CLASS 1 COMPONENTS

EMERGENCY CORE COOLING SYSTEM

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

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

624150	1-GSI-R-576 REV. 1 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP505ONDE006	-	-	X	J.O. A003733 - PROBLEM REPORT PR90-1686; DESIGN/AS-FOUND DISCREPANCY - DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET ORIGINAL DESIGN INTENT.
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624200	1-GSI-R-577 REV. 3 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP505ONDE006	X	-	-	J.O. A003733
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624300	1-GSI-R-578 REV. 4 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP505ONDE006	X	-	-	J.O. A003733
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LINE 1-SI-548 (FIG NO A-43)

624800	1-GSI-R-717 REV. 5 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP505ONDE006	X	-	-	J.O. A003733
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LINE 1-SI-549 (FIG NO A-44)

626300	1-GSI-R-559 REV. 5 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP505ONDE006	-	-	X	J.O. A003733 - PROBLEM REPORT PR90-1688; DESIGN/AS-FOUND DISCREPANCY - DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET ORIGINAL DESIGN INTENT.
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626400	1-GSI-R-637 REV. 4 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP505ONDE006	X	-	-	J.O. A003733
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REGENERATIVE HEAT EXCHANGER

				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		

COMPONENT SUPPORTS (FIG NO B-5)

700010	CS-1	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. A003735
	BRACKET	F3.00						
700020	CS-2	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. A003735
	BRACKET	F3.00						

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CHEMICAL AND VOLUME CONTROL TANK

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

COMPONENT SUPPORTS (FIG NO B-6)

700090	1-CVCT-SC-3	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. A003735
		F2.00						

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RHR HEAT EXCHANGER EAST

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

COMPONENT SUPPORTS (FIG NO B-8)

700150	E-RHRHEX-SC-1	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. A003735
		F2.00						



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BORON INJECTION TANK

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

COMPONENT SUPPORTS (FIG NO B-9)

700210	1-BIT-SC-3	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. A003735
		F2.00						

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

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EMERGENCY CORE COOLING SYSTEM

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

<u>LINE 1-SI-20 (FIG NO B-13)</u>								
702500	1-GSI-R-543 REV. 5 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3		12SHP505ONDE006	X	-	- J.O. A003733
<u>LINE 1-SI-21 (FIG NO B-14)</u>								
702520	1-GSI-R-554 REV. 6 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3		12SHP505ONDE006	X	-	- J.O. A003733
702530	1-GSI-R-540 REV. 8 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3		12SHP505ONDE006	-	-	X J.O. A003733 - PROBLEM REPORT PR90-1677; DESIGN/AS-FOUND DISCREPANCY - ACCEPTABLE PER AEPSC-S&ADSN.
702548	1-GSI-R-664 REV. 2 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3		12SHP505ONDE006	X	-	- J.O. A003733
<u>LINE 1-SI-25 (FIG NO B-16)</u>								
702880	1-GSI-V-534 REV. 3 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3 VT-4		12SHP505ONDE006	X X	- -	- J.O. A003733
702910	1-GSI-R-535 REV. 6 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3		12SHP505ONDE006	-	-	X J.O. A003733 - PROBLEM REPORT PR90-1683; DESIGN/AS-FOUND DISCREPANCIES - ACCEPTABLE PER AEPSC-S&ADSN.
702970	1-GSI-R-536 REV. 5 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3		12SHP505ONDE006	-	-	X J.O. A003733 - PROBLEM REPORT PR90-1685; DESIGN/AS-FOUND DISCREPANCIES - ACCEPTABLE PER AEPSC-S&ADSN.

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

<u>LINE 1-SI-25 (FIG NO B-16)</u>								
702980	1-GSI-R-537 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. A003733 - PROBLEM REPORT PR90-1680; DESIGN/AS-FOUND DISCREPANCIES - ACCEPTABLE PER AEPSC-S&ADSN.
703020	1-GSI-R-538 REV. 5 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. A003733 - PROBLEM REPORT PR90-1684; DESIGN/AS-FOUND DISCREPANCIES - DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET ORIGINAL DESIGN INTENT.
703060	1-GSI-R-539 REV. 6 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. A003733 - PROBLEM REPORT PR90-1682; DESIGN/AS-FOUND DISCREPANCIES - DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET ORIGINAL DESIGN INTENT.
703170	1-GSI-R-665 REV. 4 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A003733
<u>LINE 1-SI-30 (FIG NO B-18)</u>								
703310	1-GSI-R-544 REV. 5 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. A003733 - PROBLEM REPORT PR90-1687; DESIGN/AS-FOUND DISCREPANCY - DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET ORIGINAL DESIGN INTENT.
<u>LINE 1-SI-34 (FIG NO B-20)</u>								
703350	1-GSI-R-548 REV. 5 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A003733
<u>LINE 1-SI-69 (FIG NO B-22)</u>								
3990	1-GSI-R-663 REV. 4 PIPE RESTRAINT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A003733

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EMERGENCY CORE COOLING SYSTEM

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

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

704400 1-GSI-R-667 REV. 1 F-C VT-3 12SHP5050NDE006 X - - J.O. A003733
PIPE SUPPORT COMPONENT F3.00

704410 1-GSI-R-668 REV. 1 F-C VT-3 12SHP5050NDE006 X - - J.O. A003733
PIPE SUPPORT COMPONENT F3.00

LINE 1-RH-27 (FIG NO B-36)

708500 1-GRH-R-508 REV. 5 F-B VT-3 12SHP5050NDE006 X - - J.O. A003733
PIPE SUPPORT COMPONENT F2.00

708520 1-GRH-R-505 REV. 3 F-C VT-3 12SHP5050NDE006 - - X J.O. A003733 - PROBLEM REPORT PR90-1678;
PIPE SUPPORT COMPONENT F3.00 DESIGN/AS-FOUND DISCREPANCY - DID NOT
EFFECT SYSTEM OPERABILITY BUT WAS
REPAIRED TO MEET ORIGINAL DESIGN INTENT.

LINE 1-RH-30 (FIG NO B-38)

708700 1-GRH-R-500 REV. 4 F-C VT-3 12SHP5050NDE006 - - X J.O. A003733 - PROBLEM REPORT PR90-1681;
PIPE SUPPORT COMPONENT F3.00 DESIGN/AS-FOUND DISCREPANCY - DID NOT
EFFECT SYSTEM OPERABILITY BUT WAS
REPAIRED TO MEET ORIGINAL DESIGN INTENT.

708760 1-GRH-R-504 REV. 2 F-B VT-3 12SHP5050NDE006 - - X J.O. A003733 - PROBLEM REPORT PR90-1679;
PIPE SUPPORT COMPONENT F2.00 DESIGN/AS-FOUND DISCREPANCY - ACCEPTABLE
PER AEPSC-S&ADSN.



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CLASS 3 COMPONENTS

AUXILIARY FEEDWATER SYSTEM

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

SEE AEP DWG. NO. 1-GC-59, SH. 1 OF 2, REV. E							
800100	1-GC-V-30 REV. 5 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	X	-	-
					-	-	X
							J.O. A052161 - PROBLEM REPORT PR90-1561; SPRING LOAD DID NOT CONFORM TO DWG. ACCEPTABLE PER AEPSC-S&ADSN.
800105	1-GC-L-29 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X
							J.O. A052161 - PROBLEM REPORT PR90-1553; DESIGN/AS-FOUND DISCREPANCIES - DID NTO EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET ORIGINAL DESIGN INTENT.
800110	1-GC-L-28 REV. 5 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-
							J.O. A052161
800125	1-GC-L-25 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X
							J.O. A052161 - PROBLEM REPORT PR90-1552; DESIGN/AS-FOUND DISCREPANCIES - DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET ORIGINAL DESIGN INTENT.
SEE AEP DWG. NO. 1-GC-59, SH. 2 OF 2, REV. 3							
800130	1-GC-L-24 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-
							J.O. A052161
800135	1-GC-R-41 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-
							J.O. A052161
800140	1-GC-R-23 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-
							J.O. A052161

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SEE AEP DWG. NO. 1-GC-59, SH. 2 OF 2, REV. 3

800155	1-GC-R-21 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP505ONDE006	X	-	-	J.O. A052161
800160	1-GC-R-20 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP505ONDE006	X	-	-	J.O. A052161
800200	1-GC-R-42 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP505ONDE006	X	-	-	J.O. A052161

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COMPONENT COOLING WATER SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM	O	G	T
					R	E	H
					E	O	E
					C	H	R
				PROCEDURE	REMARKS		
					CALIBRATION BLOCK		

SEE AEP DWG. NO. 1-GCCW-94, REV. 2							
807620	1-GCCW-R-522 REV. 11 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	- J.O. A003733
807630	1-GCCW-R-588 REV. 13 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	- J.O. A003733
807640	1-GCCW-R-589 REV. 11 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	- J.O. A003733
807650	1-GCCW-R-523 REV. 13 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	- J.O. A003733
807660	1-GCCW-R-590 REV. 14 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	- J.O. A003733
807680	1-GCCW-R-525 REV. 12 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	- J.O. A003733
807690	1-GCCW-R-592 REV. 2 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X	-	- J.O. A003733
807700	1-GCCW-R-526 REV. 2 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X	-	- J.O. A003733

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COMPONENT COOLING WATER SYSTEM

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

SEE AEP DWG. NO. 1-GCCW-94, REV. 2

807710 1-GCCW-R-594 REV. 7 F-B VT-3 12SHP5050NDE006 X - - J.O. A003733
PIPE SUPPORT COMPONENT F2.00

807740 1-GCCW-R-597 REV. 11 F-B VT-3 12SHP5050NDE006 X - - J.O. A003733
PIPE SUPPORT COMPONENT F2.00

SEE AEP DWG. NO. 1-GCCW-98, REV. 4

807800 1-GCCW-R-573 REV. 8 F-B VT-3 12SHP5050NDE006 X - - J.O. A003733
PIPE SUPPORT COMPONENT F2.00

807810 1-GCCW-R-625 REV. 11 F-B VT-3 12SHP5050NDE006 X - - J.O. A003733
PIPE SUPPORT COMPONENT F2.00

807820 1-GCCW-R-647 REV. 13 F-B VT-3 12SHP5050NDE006 X - - J.O. A003733
PIPE SUPPORT COMPONENT F2.00

807850 1-GCCW-R-627 REV. 14 F-B VT-3 12SHP5050NDE006 X - - J.O. A003733
PIPE SUPPORT COMPONENT F2.00

807860 1-GCCW-R-649 REV. 9 F-B VT-3 12SHP5050NDE006 X - - J.O. A003733
PIPE SUPPORT COMPONENT F2.00

807870 1-GCCW-R-628 REV. 12 F-B VT-3 12SHP5050NDE006 X - - J.O. A003733
PIPE SUPPORT COMPONENT F2.00

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COMPONENT COOLING WATER SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY	EXAM ITEM NO	METHOD	PROCEDURE	N O T O G T R E H E O E C H R			REMARKS **CALIBRATION BLOCK**
<u>SEE AEP DWG. NO. 1-GCCW-98, REV. 4</u>									
807880	1-GCCW-R-574 REV. 1 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3		12SHP5050NDE006	X	-	-	J.O. A003733
807890	1-GCCW-98-HANGER PIPE SUPPORT COMPONENT	F-C F3.00	VT-3		12SHP5050NDE006	X	-	-	J.O. A003733
807910	1-GCCW-R-567 REV. 7 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3		12SHP5050NDE006	X	-	-	J.O. A003733
807920	1-GCCW-R-740 REV. 1 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3		12SHP5050NDE006	X	-	-	J.O. A003733
807930	1-GCCW-R-631 REV. 9 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3		12SHP5050NDE006	X	-	-	J.O. A003733
807940	1-GCCW-R-593 REV. 9 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3		12SHP5050NDE006	X	-	-	J.O. A003733

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CLASS 3 COMPONENTS

FEEDWATER SYSTEM

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

<u>SEE AEP DWG. NO. 1-FW-28, REV. 9</u>								
853093	1-AFW-R-941 REV. 0 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A052162
853094	1-GFW-L-814 REV. 1 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. A052162 - PROBLEM REPORT PR90-1559; DESIGN/AS-FOUND DISCREPANCY - ACCEPTABLE PER AEPSC-S&ADSN.
853095	1-GFW-L-813 REV. 1 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A052162
<u>SEE AEP DWG. NO. 1-GFW-29, REV. 3</u>								
853096	1-GFW-L-820 REV. 1 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. A052162 - PROBLEM REPORT PR90-1558; DESIGN/AS-FOUND DISCREPANCY - DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET ORIGINAL DESIGN INTENT.
853097	1-GFW-L-819 REV. 1 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A052162
853098	1-GFW-L-818 REV. 1 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A052162
<u>SEE AEP DWG. NO. 1-GFW-40, SH. 1 OF 2, REV. 4</u>								
853500	1-GFW-R-118 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A052163

INDIANA MICHIGAN POWER COMPANY
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COOK NUCLEAR PLANT UNIT 1
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 3 COMPONENTS

FEEDWATER SYSTEM

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

SEE AEP DWG. NO. 1-GFW-40, SH. 1 OF 2, REV. 4

853510 1-GFW-L-235 REV. 2 F-B VT-3 12SHP505ONDE006 X - - J.O. A052163
PIPE SUPPORT COMPONENT F2.00

853520 1-GFW-R-120 REV. 3 F-B VT-3 12SHP505ONDE006 X - - J.O. A052163
PIPE SUPPORT COMPONENT F2.00

853530 1-GFW-R-122 REV. 5 F-B VT-3 12SHP505ONDE006 X - - J.O. A052163
PIPE SUPPORT COMPONENT F2.00

SEE AEP DWG. NO. 1-GFW-40, SH. 2 OF 2, REV. 4

853540 1-GFW-R-124 REV. 4 F-B VT-3 12SHP505ONDE006 X - - J.O. A052163
PIPE SUPPORT COMPONENT F2.00

853545 1-GFW-L-125 REV. 3 F-B VT-3 12SHP505ONDE006 X - - J.O. A052163
PIPE SUPPORT COMPONENT F2.00

853550 1-GFW-R-126 REV. 3 F-B VT-3 12SHP505ONDE006 X - - J.O. A052163
PIPE SUPPORT COMPONENT F2.00

853555 1-GFW-L-127 REV. 3 F-B VT-3 12SHP505ONDE006 X - - J.O. A052163
PIPE SUPPORT COMPONENT F2.00

853565 1-GFW-R-128 REV. 3 F-B VT-3 12SHP505ONDE006 X - - J.O. A052163
PIPE SUPPORT COMPONENT F2.00

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**SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 3 COMPONENTS**

FEEDWATER SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASHE 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>SEE AEP DWG. NO. 1-GFW-40, SH. 2 OF 2, REV. 4</u>								
853575	1-GFW-R-130 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A052163
853580	1-GFW-L-131 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. A052163 - PROBLEM REPORT PR90-1554; DESIGN/AS-FOUND DISCREPANCY - ACCEPTABLE PER AEPSC-S&ADSN.
853590	1-GFW-R-133 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A052163 - PROBLEM REPORT PR90-1560; DESIGN/AS-FOUND DISCREPANCY - ACCEPTABLE PER AEPSC-S&ADSN.
<u>SEE AEP DWG. NO. 1-GFW-52, SH. 1 OF 2, REV. 3</u>								
853800	1-GFW-R-194 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A052164
853805	1-GFW-L-195 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A052164
853815	1-GFW-R-196 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A052164
853830	1-GFW-L-199 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A052164
853835	1-GFW-L-200 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. A052164

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**SUMMARY OF NONDESTRUCTIVE EXAMINATIONS
OUTAGE 1 (1990), SECOND PERIOD, SECOND INTERVAL
CLASS 3 COMPONENTS**

FEEDWATER SYSTEM

SUMMARY EXAMINATION AREA		ASME			N O		REMARKS
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM	O G T	R E H	
		ITEM NO	METHOD	PROCEDURE	E O E	C M R	**CALIBRATION BLOCK**
<u>SEE AEP DWG. NO. 1-GFW-52, SH. 2 OF 2, REV. 3</u>							
853845	1-GFW-R-202 REV. 1 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. A052164	
853860	1-GFW-L-205 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	- - X	J.O. A052164 - PROBLEM REPORT PR90-1555; DESIGN/AS-FOUND DISCREPANCY - DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET ORIGINAL DESIGN INTENT.	
853865	1-GFW-R-206 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. A052164	
853870	1-GFW-L-207 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. A052164	
853875	1-GFW-R-208 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. A052164	
853885	1-GFW-L-210 REV. 2 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	- - X	J.O. A052164 - PROBLEM REPORT PR90-1556; DESIGN/AS-FOUND DISCREPANCY - DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET ORIGINAL DESIGN INTENT.	
853894	1-GFW-R-212 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. A052164	



Indiana Michigan
Power Company
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
616 465 5901

INDIANA MICHIGAN POWER COMPANY
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**INDIANA
MICHIGAN
POWER**

Date: March 27, 1991

Subject: Unit 1 Tech. Spec./ISI Snubber Examinations and Tests
Performed After October 22, 1990 to the End of the
Unit 1, 1990 Refueling Outage.

From: D.C. Boes

To: C.A. Freer

In response to J. Fitchuk's request, the Unit 1 Tech. Spec./ISI snubber examination and test results for the period of October 22, 1990, to the end of the Unit 1 Refueling Outage are noted below.

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

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

I VISUAL EXAMINATIONS

<u>Category</u>	<u>Compl. Date</u>	<u>Comments/Results</u>
A. Grinnell		
"accessible"	10-25-90	all acceptable
	12-23-90	all acceptable
B. Grinnell		
"inaccessible"	12-05-90	all acceptable
	12-26-90	all acceptable
C. Steam		
Generator	11-08-90	all acceptable
	12-17-90	all acceptable

II FUNCTIONAL TESTS

<u>Category</u>		
A. Grinnell	12-26-90	two failures, see attached sheet
B. Steam		
Generator	12-22-90	all acceptable, see attached sheet



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

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

D.C. Boes

D.C. Boes

ATTACHMENT

c: A.A. Blind - w/o att.
T.P. Beilman - w/o att.
F.R. Pisarsky - w/o att.
R.S. Papps/J.D. Grier, AEPSC - w/o att.
File: PS-HS

INDIANA MICHIGAN POWER COMPANY
D.C. COOK NUCLEAR PLANT, BRIDGMAN, MI
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UNIT 1 GRINNELL "ACCESSIBLE" SNUBBERS

<u>Tech. Spec.</u>	<u>Mark Number</u>	<u>Azimuth</u>	<u>Elevation</u>
37	1-GCS-8637	71	608
47	1-GCCW-8278		609
48	1-GCCW-8309		597
49	1-GCCW-8837		621
50	1-GCCW-8838		621
51	1-GCCW-8839		621
52	1-GCCW-8840		621
53	1-GCCW-8841		621
54	1-GCCW-8842		621
55	1-GCCW-8844		609
56	1-GBD-8563	277	608
57	1-GBD-8569	278	608
58	1-GBD-8573	181	607
59	1-GBD-8574	181	607
60	1-GRH-87A		581
61	1-GRH-87B		581
62	1-GRH-847		581
63	1-GRH-848		580
64	1-GDG-813		596
65	1-GDG-814		603
66	1-GSI-8103		573
67	1-GSI-8128		573
68	1-GSI-8575	66	598
69	1-GSI-8657	185	610
71	1-GCTS-873 (E)		582
72	1-GCTS-873 (W)		582
73	1-GCTS-876 (B)		579
74	1-GCTS-876 (A)		579
75	1-GCTS-8160A (N)		582
76	1-GCTS-8160A (S)		582
77	1-GCTS-8161 (E)		579
78	1-GCTS-8161 (W)		579

ISI LONG TERM PLAN SNUBBERS

1-GFW-8852
1-GFW-8854
1-GFW-8861
1-GFW-8862
1-GFW-8866

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UNIT 1 GRINNELL "INACCESSIBLE" SNUBBERS

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

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UNIT 1 STEAM GENERATOR SNUBBERS

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

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UNIT 1 SNUBBERS

FUNCTIONAL TEST SURVEILLANCES

<u>Snubber Mark No.</u>	<u>Date Removed</u>	<u>Date Reinstalled</u>	<u>As-Found</u>
1-GRC-S555	11-26-90	12-04-90	Pass
1-GRC-S596	11-28-90	12-15-90	Pass
1-GRC-S614	11-28-90	12-07-90	Fail-high tension bleed rate
1-FW-S12	11-30-90	12-18-90	Pass
1-GCS-S637	11-30-90	12-05-90	Pass
1-MSS-1	11-30-90	12-22-90	Pass
1-MSS-6	11-26-90	12-17-90	Pass
1-GCCW-S278	12-06-90	12-07-90	Pass
1-GRH-S7 (A)	12-06-90	12-07-90	Pass
1-GDG-S13	12-04-90	12-06-90	Pass
1-GCTS-S76 (A)	12-05-90	12-08-90	Pass
*1-GRC-S604	11-28-90	12-04-90	Pass

First Expanded Sample

1-GRC-S582	12-10-90	12-15-90	Pass
1-FW-S3	12-09-90	12-09-90	Pass
1-FW-S5	12-09-90	12-11-90	Fail - No Lockup in tension
1-MSS-5	12-10-90	12-11-90	Pass
1-GCCW-S309	12-10-90	12-11-90	Pass
1-GCCW-S842	12-08-90	12-09-90	Pass
1-GBD-S573	12-09-90	12-09-90	Pass
1-GBD-S574	12-09-90	12-09-90	Pass

Second Expanded Sample

1-GRC-S562	12-15-90	12-20-90	Pass
1-FW-S11	12-15-90	12-17-90	Pass
1-GCCW-S837	12-14-90	12-14-90	Pass
1-GRH-S47	12-14-90	12-14-90	Pass
1-GRH-S48	12-14-90	12-14-90	Pass
1-GSI-S575	12-15-90	12-15-90	Pass
1-GSI-S707	12-15-90	12-15-90	Pass
1-GCTS-S76 (B)	12-17-90	12-17-90	Pass

* This snubber was tested due to a functional failure at the previous testing period (last outage).

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STEAM GENERATOR

S/N25.12620.007-8	11-14-90	12-13-90	Pass
S/N25.12620.007-12	11-14-90	12-14-90	Pass
S/N25.12620.007-13	11-14-90	12-14-90	Pass

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INDIANA MICHIGAN POWER COMPANY
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STEAM GENERATOR EDDY CURRENT EXAMINATIONS

IN NOVEMBER/DECEMBER 1990 THE STEAM GENERATOR SERVICES GROUP OF THE WESTINGHOUSE NUCLEAR SERVICES DIVISION PERFORMED STEAM GENERATOR EDDY CURRENT INSPECTION, MECHANICAL PLUG REMOVAL, AND MECHANICAL TUBE PLUGGING SERVICES FOR THE STEAM GENERATOR TUBING IN ALL FOUR STEAM GENERATORS AT THE COOK PLANT.

THE ORIGINAL SCOPE OF WORK CALLED FOR 100 PERCENT EDDY CURRENT INSPECTION OF ALL FOUR STEAM GENERATORS, REMOVING 269 DEFECTIVE PLUGS, REPLUGGING THE TUBES THAT HAD PLUGS REMOVED AND PLUGGING DEFECTIVE TUBES AS IDENTIFIED BY EDDY CURRENT EXAMINATION.

THE DETAILS OF WORK PERFORMED BY STEAM GENERATOR ARE AS LISTED BELOW:

STEAM GENERATOR 11:

629 TUBES TESTED FROM TUBE END CL TO TUBE END HL
2579 TUBES TESTED FROM 7TSP CL TO TUBE END HL
69 PLUGS REMOVED AND REPLACED
64 TUBES REMOVED FROM SERVICE BY PLUGGING

STEAM GENERATOR 12:

616 TUBES TESTED FROM TUBE END CL TO TUBE END HL
2624 TUBES TESTED FROM 7TSP CL TO TUBE END HL
86 PLUGS REMOVED AND REPLACED
18 TUBES REMOVED FROM SERVICE BY PLUGGING

STEAM GENERATOR 13:

655 TUBES TESTED FROM TUBE END CL TO TUBE END HL
2591 TUBES TESTED FROM 7TSP CL TO TUBE END HL
24 PLUGS REMOVED AND REPLACED
57 TUBES REMOVED FROM SERVICE BY PLUGGING

STEAM GENERATOR 14:

619 TUBES TESTED FROM TUBE END CL TO TUBE END HL
2602 TUBES TESTED FROM 7TSP CL TO TUBE END HL
90 PLUGS REMOVED AND REPLACED
31 TUBES REMOVED FROM SERVICE BY PLUGGING

INDIANA MICHIGAN POWER COMPANY
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SYSTEM PRESSURE TESTS

Inservice Inspection System Pressure Tests were performed during the Fall 1990 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 eighteen (18) 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.008	Containment Station Drainage at CPN 41 and Liquid Sampling at CPN 67	2
**1-OHP 5070.ISI.013	NSW: CPN's to/from Containment Ventilation Units	12
**1-OHP 5070.ISI.016	DW: Control Room A/C Circ. Water	2
**1-OHP 5070.ISI.034	PW to Containment at CPN 33	1
**1-OHP 5070.ISI.035	Refueling Water Supply Piping to Refueling Cavity at CPN 36	1

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

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

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

INDIANA MICHIGAN POWER COMPANY
D.C. COOK NUCLEAR PLANT, BRIDGMAN, MI
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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 9-28-89
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. #A-410, FILE: PS-HGR-1-GRH-L31
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Williams, Barinka Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RHR
5. (a) Applicable Construction Code ANSI B.31.1 19 67 Edition, --- Addenda N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
U-Bolt Nut HGR-1-GRH-L31	ITT Grinnell	N/A	N/A	ASP-1102	1977	Replaced	No

7. Description of Work (See Remarks)
8. Tests 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 Unit 1. Replaced U-Bolt nut on hanger 1-GRH-L31.

Applicable Manufacturer's Data Reports to be attached

Ref. J.O. # A 410

File: PS-HGR-1-GRH-L31

ASME Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maintenance Superintendent Date 4 August, 19 90
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-14-90 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Huterbaugh Commissions MICH 555 END NFI
Inspector's Signature National Board, State, Province, and Endorsements

*FACTORY MUTUAL SYSTEM

Date August 14, 19 90

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

7

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-12-89
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. #A 416, FILE: PS-HGR-1-GRH-L33
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Layman, Maggard, Rice Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CVCS - Reactor Letdown & Charging
5. (a) Applicable Construction Code ANSI B.31.1 19 67 Edition, -- Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support 1-GRH-L33	ITT Grinnell	N/A	N/A	ASP-1102	1977	replaced	No
U-Bolt Nut							

7. Description of Work (See Remarks)
8. Tests 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 8½ in. x 11 in., (2) information in Items 1 through 8 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Unit 1, Replaced missing nut on U-Bolt on support 1-GRH-L33.
Applicable Manufacturer's Data Reports to be attached

REF. RFC-DC12-2427

Ref. J.O. # A-416

File: PS-HGR-1-GRH-L33

ASME Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maintenance Superintendent Date November 6, 1990
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 11-6-90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. [Signature]
Inspector's Signature

Commissions Mich 655 EN&N&I
National Board, State, Province, and Endorsements

*FACTORY MUTUAL SYSTEM

Date November 6, 1990



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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-12-89
Name
P.O. Box 60 Fort Wayne, IN 46801
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Sheet 1 of 2
Name
One Cook Place, Bridgman, MI 49106
Address
3. Work Performed by Layman, Maggard, Rice Unit 1
Name
Same as #2 Address
J.O. #A-416, FILE: PS-HGR-1-ACS-R924
Repair Organization P.O. No., Job No., etc.
4. Identification of System CVCS- Reactor Letdown & Charging
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A
5. (a) Applicable Construction Code ANSI B.31.1 1967 Edition, --- Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support 1 ACS-R924	ITT Grinnell	N/A	N/A	ASP-1102	1977	replaced	No
U-Bolt							

7. Description of Work (See Remarks)

8. Tests 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 Unit 1, Replaced missing U-Bolt on support 1-ACS-R924

Applicable Manufacturer's Data Reports to be attached

REF. RFC-DC12-2497

Ref. J.O. # A-416

File: PS-HGR-1-ACS-R924

ASME Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maintenance Superintendent Date September, 19 90
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 11-6-90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. E. Muterpaugh Commissions Mich 555 End N&I
Inspector's Signature National Board, State, Province, and Endorsements,

Date Nov 6 19 90

*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10/9/90
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 A32537, FILE:ME-PP-1-PP-46-2
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CRAMPTON, GUZMAN, REESE Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CVCS-BORON MAKE-UP
5. (a) Applicable Const. Code ASME III 1986 Ed., 1987 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
BAST PUMP 1-PP-46-2							
INLET BOLT	TEXAS BOLT	N/A	N/A	ASP-10903	1988	REPLACED	NO
INLET NUTS	ITT ENG. VAL.	N/A	N/A	ASP-11085	1988	REPLACED	NO
OLET BOLTS	TEXAS BOLT	N/A	N/A	ASP-10818	1988	REPLACED	NO
OLET NUTS	CARDINAL IND	N/A	N/A	ASP-10614	1988	REPLACED	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 Unit 1, REPLACED INLET/OUTLET FLANGE BOLTING ON BORIC ACID
Applicable Manufacturer's Data Reports to be attached

STORAGE TRANSFER PUMP 1-PP-46-2

Ref. JO #A32537 File:ME-PP-1-PP-46-2 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 26 March, 19 71
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3-27-71 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. Manton Commissions MICH 0555 ENDORS'E
Inspector's Signature National Board, State, Province, Endorsements

Date 27 March 19 71

*FACTORY MUTUAL SYSTEM

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

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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 10/30/90
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 722640, FILE:ME-VAL-1-CS-299W
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by P. CHARETT Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System (CVCS) REACTOR LETDOWN & CHARGING
5. (a) Applicable Const. Code *PAGE 2 19 - Ed., --- Add. --- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-CS-299W							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED B/B CS STUDS/NUTS WITH SS STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached
VALVE 1-CS-299W REF. RFC-12-2718
* PURCHASED IN ACCORDANCE WITH SPECIFICATION DCCPV105QCN
Ref. JO #722640 File:ME-VAL-1-CS-299W ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beizman, Maint. Superintendent Date 4-19, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4/19/91 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. [Signature] Commissions Mich 555, END NFI
Inspector's Signature National Board, State, Province, Endorsements

Date April 19 19 91

*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/1/90
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 A014539, FILE:ME-VAL-1-RH-139
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WENDDL, WASSEN, HALL Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code ASME III 1986 Ed., 1986 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-RH-139							
FLG. STUDS	CARDINAL IND.	N/A	N/A	ASP-11944	1989	REPLACED	NO
FLG. NUTS	CARDINAL IND.	N/A	N/A	ASP-12774	1990	REPLACED	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 Unit 1, REPLACED FLANGE BOLTING WITH SS ON VALVE 1-RH-139
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A014539 File:ME-VAL-1-RH-139 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 15 APR 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period April 16, 1991 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. Hartenough Commissions Mich 555, End N&T
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 16 19 91



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

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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 11/1/90
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 A014539, FILE:ME-VAL-1-RH-140
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by HALL, WASSON Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code ASME III 1986 Ed., 1986 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-RH-140							
FLG.STUDS	CARDINAL IND.	N/A	N/A	ASP-11944	1989	REPLACED	NO
FLG.NUTS	CARDINAL IND.	N/A	N/A	ASP-12774	1990	REPLACED	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 Unit 1, REPLACED FLANGE BOLTING WITH SS ON VALVE 1-RH-140
Applicable Manufacturer's Data Reports to be attached

Ref. JO # A014539 File:ME-VAL-1-RH-140

ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed J. L. Wagoner for
T. P. Bezman, Maint. Superintendent Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-17-91 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. J. McIntosh Commissions Mich 555, ENR NFI
Inspector's Signature National Board, State, Province, Endorsements

Date April 17 19 91

*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11-18-90
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 722633, FILE:ME-VAL-1-IMO-130
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by B. SCALLY Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERG. CORE COOLING
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-IMO-130							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS
Applicable Manufacturer's Data Reports to be attached

ON VALVE 1-IMO-130. *PURCHASED PER SPEC. DCCPV105QCN

REF. RFC-12-2718

Ref. JO #722633 File:ME-VAL-1-IMO-130 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 14 Apr 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7/19/91 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. J. Minterpaul Commissions Mich 555, End NIT
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 19 19 91



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

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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 11/21/90
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 759302, FILE:ME-VAL-1-RH-104E
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by D.WAUGH Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code ASME III 1986 Ed., 1987 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-RH-104E							
B/B STUDS	TEXAS BOLT	N/A	N/A	ASP-11604	1989	REPLACED	NO
B/B NUTS	TEXAS BOLT	N/A	N/A	ASP-11604	1989	REPLACED	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 Unit 1, REPLACED B/B STUDS/NUTS ON VALVE 1-RH-104E
Applicable Manufacturer's Data Reports to be attached

Ref. JO #759302 File:ME-VAL-1-RH-104E ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 15 April, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4/14/91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mike Mattingly Commissions Mich 555 EARNEST
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 14 19 91

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

210

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/23/90
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 722644, FILE:ME-VAL-1-RH-128W
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by IMLER, LUTHER Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING
5. (a) Applicable Const. Code ASME III 1986 Ed., 1986 Add. ---- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-RH-128W							
FLNG STUDS	CARDINAL IND.	N/A	N/A	ASP-11944	1989	REPLACED	NO
FLNG NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS
Applicable Manufacturer's Data Reports to be attached

ON VALVE 1-RH-128W

REF. RFC-12-2718

Ref. JO #722644 File:ME-VAL-1-RH-128W ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed *Th. Wagner for* T. P. Beilmar, Maint. Superintendent Date 4-18, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-19-91 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. Mastropaul Commissions *Mich 555, ENR N.I.*
Inspector's Signature National Board, State, Province, Endorsements

Date April 19 1991

*FACTORY MUTUAL SYSTEM



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

154

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/24/90
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 722647, FILE:ME-VAL-1-IMO-310
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by B.HURD, R.CHARETTE Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., --- Add. --- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-IMO-310							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS
Applicable Manufacturer's Data Reports to be attached

ON VALVE 1-IMO-310. *PURCHASED PER SPEC. DCCPV105QCN

REF.RFC-12-2718

Ref. JO #722647 File:ME-VAL-1-IMO-310 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Main Superintendent Date 14 Apr, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4/19/91 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.

MA [Signature] Commissions Mich 555, End N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 19 19 91



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/25/90
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 722629, FILE:ME-VAL-1-SI-151E
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by D. WAUGH Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., ---- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of 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)
VALVE 1-SI-151E							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO

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

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

9. Remarks Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 1-SI-151E, PURCHASED PER SPEC. DCC1050CN & PO#06117-041-8X

REF. RFC-12-2718

Ref. JO #722629 File: ME-VAL-1-SI-151E ISI Class 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman Maint. Superintendent Date 22 March, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3-25-91 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. Montenegro Commissions Mich 555 ENDNIT
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date March 25 19 91

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/26/90
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 722654, FILE:ME-VAL-1-ICM-311
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by FLORY, KIGHT, RUSSELL Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., ---- Add. ---- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-ICM-311							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED B/B CS STUDS/NUTS WITH SS B/B STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 1-ICM-311

*PURCHASED PER SPECIFICATION DCCPV105QCN

Ref. JO #722654 File:ME-VAL-1-ICM-311 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman Maint. Superintendent Date 4-23, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-24-91 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. R. Montross Commissions MICH 555, END N.E.T.
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 24 19 91

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

153

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/26/90
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 A009554, FILE:ME-VAL-1-IMO-204
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by I. ZOUCK 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 ASME III 1986 Ed., 1986 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-IMO-204							
B/B STUDS	CARDINAL	N/A	N/A	ASP-11944	1989	REPLACED	NO
B/B NUTS	CARDINAL	N/A	N/A	ASP-12761	1990	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS
Applicable Manufacturer's Data Reports to be attached

ON VALVE 1-IMO-204

Ref. JO#A009554 File:ME-VAL-1-IMO-204 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-17-91 to 4-17-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 Muteropaul Commissions Mich 555, EN 2 N3I
Inspector's Signature National Board, State, Province, Endorsements

Date April 17 19 91

*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/26/90
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 722611, ME-VAL-1-CS-296E
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by' M. KITCHEL 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 ASME III 1986 Ed., 1986 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-CS-296E							
B/B STUDS	CARDINAL	N/A	N/A	ASP-11944	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO

7. Description of Work (See Remarks)

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

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

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

9. Remarks Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS
Applicable Manufacturer's Data Reports to be attached

ON VALVE 1-CS-296E

REF.RFC-12-2718

Ref. JO #722611 File:ME-VAL-1-CS-296E ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed *Th. Wagoner* for
T. P. B. Maint. Superintendent Date 4-23, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-24-91 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. Winterpaul Commissions Mich 555, END NIT
Inspector's Signature National Board, State, Province, Endorsements

Date April 24 19 91

*FACTORY MUTUAL SYSTEM



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

184

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/27/90
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 A003701, FILE:ME-VAL-1-SI-148
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by D. WAUGH, L. MUNYON 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 ASME III 1986 Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-SI-148							
B/B STUDS	CARDINAL	N/A	N/A	ASP-13284	1991	REPLACED	NO
B/B NUTS	TEXAS BOLT	N/A	N/A	ASP-3855	1981	REPLACED	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 Unit 1. REPLACED B/B STUDS AND B/B NUTS ON VALVE 1-SI-148.
Applicable Manufacturer's Data Reports to be attached

REF. 12-MM-088 & RFC-DC-12-2718

Ref. JO #A003701 File:ME-VAL-1-SI-148 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 11 April, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

MAR Waterspau Commissions Mich 555 End N I
Inspector's Signature National Board, State, Province, Endorsements

Date April 12 19 91

*FACTORY MUTUAL SYSTEM

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

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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 11/27/90
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 722631, FILE:ME-VAL-1-IMO-110
Address Repair Org. P.O. No., Job No., etc
RUSSELL, CHARETTI,
3. Work Performed by BRINKS, SULAK, WILLIAMS Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERG. CORE COOLING (RHR)
5. (a) Applicable Const. Code *PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-IMO-110							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 1-IMO-110 * PURCHASED PER SPEC. DCCPV105QCN

REF. RFC-12-2718

Ref. JO #722631 File:ME-VAL-1-IMO-110 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-17-91 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.

MC Mastersbaugh Commissions MICH 555, END N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 17 19 91

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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/27/90
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 722652, FILE:ME-VAL-1-IMO-350
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by S. RUSSELL Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code *PAGE 2 19 - Ed., --- Add. --- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-IMO-350							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO

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

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

9. Remarks Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS
Applicable Manufacturer's Data Reports to be attached
ON VALVE 1-IMO-350 *PURCHASED PER REQUIREMENTS OF DCCPV105OCN
REF. RFC-12-2718
Ref. JO #722652 File:ME-VAL-1-IMO-350 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Bejman, Jr. Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

M. J. [Signature] Commissions Mich 555, EN & N I
Inspector's Signature National Board, State, Province, Endorsements

Date April 17 1991

*FACTORY MUTUAL SYSTEM

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

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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 11/27/90
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 722650, FILE:ME-VAL-1-IMO-324
Address Repair, Org. P.O. No., Job No., etc
3. Work Performed by R. HADSELL Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-IMO-324							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 1-IMO-324 *PURCHASED IN ACCORDANCE WITH DCCPV105OCN

REF. RFC-12-2718

Ref. JO #722650 File:ME-VAL-1-IMO-324 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Bellman, Maint. Superintendent Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 1-17-91 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. Montague Commissions Mich 555, END N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 17 19 91



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/27/90
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 759437, ME-VAL-1-CS-308S
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by R.KIGHT Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System (CVCS) REACTOR LETDOWN & CHARGING
5. (a) Applicable Const. Code ASME III 19 84Ed., S-1984 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-CS-308S BONNET	CONVAL	N/A	N/A	ASP-7690	1984	REPLACED	NO

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

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

FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED BONNET ON VALVE 1-CS-308S
Applicable Manufacturer's Data Reports to be attached

Ref. JO #759437 File:ME-VAL-1-CS-308S ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Benjamin, Maint. Superintendent Date 4-23, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-24-91 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. Montemayor Commissions MIC 555, EN 2 NET
Inspector's Signature National Board, State, Province, Endorsements

Date 4-24 19 91

*FACTORY MUTUAL SYSTEM

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

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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 11/27/90
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 722642, FILE:ME-VAL-1-RH-116W
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by D. ELLISOR Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-RH-116W							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11010	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 1-RH-116W *PURCHASED PER SPECIFICATION DCCPV1050CN

REF. RFC-12-2718

Ref. JO # 722642 File:ME-VAL-1-RH-116W ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 5 April, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-16-91 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. Matuszanski Commissions Mich 555, ENR N&T
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 16 19 91



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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/28/90
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 722630, FILE:ME-VAL-1-SI-151W
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WILLIAMS, WAUGH Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-SI-151W							
B/B STUD	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUT	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS
Applicable Manufacturer's Data Reports to be attached

ON VALVE 1-SI-151W

REF.RFC-12-2718 *PURCHASED PER SPECIFICATION DCCPV105QCN

Ref. JO # 722630 File: ME-VAL-1-SI-151W ISI Class 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date April, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-16-91 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. Montross Commissions MICH 555, END NIT
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 16 19 91

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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/28/90
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 722638, FILE:ME-VAL-1-SI-152S
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by B. SCALLY Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-SI-152S							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS
Applicable Manufacturer's Data Reports to be attached

ON VALVE 1-SI-152S

REF. RFC-12-2718 *PURCHASED PER SPEC. DCCPV105QCN

Ref. JO #722638 File:ME-VAL-1-SI-152S ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 4/12/91, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

Walter Winters Commissions Mich 555, ENR NFI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 12 19 91

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/28/90
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 722620, FILE:ME-VAL-1-RH-113E
Address Repair Org. P.O. No., Job No., etc
ANTHONY
3. Work Performed by MUNYON, ELLISON, HALL Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code *PAGE 2 19 - Ed., ----- Add. ----- Code
Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-RH-113E							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11010	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS WITH SS B/B STUDS ON VALVE
Applicable Manufacturer's Data Reports to be attached

1-RH-113E * PURCHASED PER SPECIFICATION DCCPV105OCN

REF. RFC-12-2718

Ref. JO #722620 File:ME-VAL-1-RH-113E ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date April 16, 1991
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-16-91 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. Matuszang Commissions Mich 565, END N&T
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 16 19 91

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/28/90
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 722655, FILE:ME-VAL-1-ICM-321
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by JONES, VERN Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code ASME III 1986 Ed., 1987 Add. ---- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-ICM-321							
B/B STUDS	CARDINAL	N/A	N/A	ASP-10636	1988	REPLACED	NO
B/B STUDS	HARDWARE SPEC	N/A	N/A	ASP-10388	1988	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-9340	1986	REPLACED	NO
B/B NUTS	CARDINAL	N/A	N/A	ASP-10636	1988	REPLACED	NO

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

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

9. Remarks Unit 1, REPLACED CS STUDS/NUTS WITH SS STUDS/NUTS ON VALVE
Applicable Manufacturer's Data Reports to be attached

1-ICM-321

REF. RFC-12-2718

Ref. JO #722655 File:ME-VAL-1-ICM-321 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beckman for Date 4-18, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period April 17, 1991 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.

MA Montenegro Commissions Mich 555, ENR N&I
Inspector's Signature National Board, State, Province, Endorsements

Date April 19 19 91

*FACTORY MUTUAL SYSTEM

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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/28/90
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 A003767, ME-VAL-1-FW-118-1
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by ELLISON, J. JONES Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System STEAM GENERATING
5. (a) Applicable Const. Code ASME III 1986 Ed., 1986 Add. --- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-FW-118-1							
B/B STUDS/ NUTS	CARDINAL	N/A	N/A	ASP-13033	1990	REPLACED	NO

7. Description of Work (See Remarks)

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

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

9. Remarks Unit 1, REPLACED B/B STUDS/NUTS (4) ON VALVE 1-FW-118-1
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A003767 File:ME-VAL-1-FW-118-1 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Baillman, Maint. Superintendent Date 4-23, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-24-91 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. J. Waters, Jr. Commissions Mich 555, END NFI
Inspector's Signature National Board, State, Province, Endorsements

Date April 24 1991

*FACTORY MUTUAL SYSTEM



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

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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 11/28/90
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 722648, FILE:ME-VAL-1-IMO-320
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by ROGERS Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., ---- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-IMO-320							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 1-IMO-320 *PURCHASED PER REQUIREMENTS OF DCCPV105OCN

REF. RFC-12-2718

Ref. JO #722648 File:ME-VAL-1-IMO-320 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman Maint. Superintendent Date 4-18, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-18-91 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.

MAK [Signature] Commissions Mich 555, ENR NED
Inspector's Signature National Board, State, Province, Endorsements

Date April 18 19 91

*FACTORY MUTUAL SYSTEM

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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/28/90
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 722628, ME-VAL-1-OCM-250
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MUNYON, BARINKA, HURD, COX 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 *PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-QCM-250							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 1-QCM-250 *PURCHASED PER DCC1050CN SPECIFICATION

REF. RFC-12-2718

Ref. JO #722628 File:ME-VAL-1-QCM-250 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Bezman, Maint. Superintendent Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-17-71 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Muthuswamy Commissions Mich 565, End N I

Inspector's Signature National Board, State, Province, Endorsements

***FACTORY MUTUAL SYSTEM**

Date 7-17 19 91

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/28/90
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 A007967, FILE:ME-VAL-1-CTS-130W
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by J. ROGERS 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 * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-CTS-130W							
B/B STUDS	WALWORTH CO.	N/A	N/A	ASP-2005	1976	REPLACED	NO
B/B NUTS	WALWORTH CO.	N/A	N/A	ASP-2005	1976	REPLACED	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 Unit 1, REPLACED B/B STUDS/NUTS ON VALVE 1-CTS-130W
Applicable Manufacturer's Data Reports to be attached
- * PURCHASED PER SPECIFICATION DCCPM802OCN & PO #02416-821-1
- Ref. JO #A007967 File:ME-VAL-1-CTS-130W ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 14 April, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-19-91 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. [Signature] Commissions Mich 555, End N/E
Inspector's Signature National Board, State, Province, Endorsements

Date April 19 19 91

*FACTORY MUTUAL SYSTEM

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

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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 11/29/90
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 722641.FILE:ME-VAL-1-RH-116E
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by B.HURD, J.CUSHAU Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code ASME III 1986 Ed., 1986 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-RH-116E							
B/B STUDS	CARDINAL IND.	N/A	N/A	ASP-11944	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 1-RH-116E

REF. RFC-12-2718

Ref. JO #722641 File:ME-VAL-1-RH-116E ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 23 March, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3/25/91 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. Matusz Commissions Mich 555 END NII
Inspector's Signature National Board, State, Province, Endorsements

Date 25 March 19 91

*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/29/90
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 722656, FILE:ME-VAL-1-OCM-350
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by LARSON, MADALE Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CVCS-REACTOR LETDOWN & CHARGING
5. (a) Applicable Const. Code *PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-QCM-350							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO

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

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

9. Remarks Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached
- VALVE 1-OCM-350 *PURCHASED PER SPECIFICATION DCCPV105OCN
- REF. RFC-12-2718
- Ref. JO #722656 File:ME-VAL-1-OCM-350 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Bellman Maint. Superintendent Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-17-91 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. J. Minter Commissions Mich 555, END N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 17 1991

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

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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 11/30/90
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 A004321, FILE:ME-VAL-1-SV-45A
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by COX, SERVERSON 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 ASME III 1986 Ed., 1986 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-SV-45A	CROSBY	N/A	N/A	ASP-13011	1990	REPLACED	NO
FLG BOLTS	NOVA MACHINE	N/A	N/A	ASP-12239	1990	REPLACED	NO
FLG NUTS	NOVA MACHINE	N/A	N/A	ASP-13001	1990	REPLACED	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 Unit 1, REPLACED VALVE AND INLET BOLTING. VALVE 1-SV-45A.
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A004321 File:ME-VAL-1-SV-45A ISI Class 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beizman, Maint. Superintendent Date 4-18, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-17-91 to 4-18-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 Mintercamp Commissions MICH 555, END N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 19 19 91

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/30/90
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 A004322, FILE:ME-VAL-1-SV-45B
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by COX, SEVERSON 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 * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-SV-45B							
INLT STUDS	NOVA MACHINE	N/A	N/A	ASP-12239	1990	REPLACED	NO
INLT NUTS	NOVA MACHINE	N/A	N/A	ASP-13001	1990	REPLACED	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 Unit 1, REPLACED INLET STUDS/NUTS ON VALVE 1-SV-45B
Applicable Manufacturer's Data Reports to be attached

* PURCHASED PER SPECIFICATION DCCPV105QCN

Ref. JO #A004322 File:ME-VAL-1-SV-45B ISI Class 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 23 March, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 25 March 1991 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Waterhouse Commissions Mich 555 END NIT
Inspector's Signature National Board, State, Province, Endorsements

Date 3-25 19 91

*FACTORY MUTUAL SYSTEM

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

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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 11/30/90
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 A003790, FILE:ME-VAL-1-SV-52
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by L. BOGGS Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CVCS-REACTOR LETDOWN & CHARGING
5. (a) Applicable Const. Code ASME III 1986 Ed., 1986 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-SV-52							
FLG STUDS	CARDINAL IND.	N/A	N/A	ASP-11944	1989	REPLACED	NO
FLG NUTS	CARDINAL IND.	N/A	N/A	ASP-10614	1988	REPLACED	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 Unit 1, REPLACED FLANGE BOLTING ON VALVE 1-SV-52
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A003790 File:ME-VAL-1-SV-52 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Baillman for Date 4-18, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period April 10, 1991 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Montross Commissions Mich 555, End NSE
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 17 1991



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

152

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/30/90
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 722634, FILE:ME-VAL-1-IMO-140
Address Repair Org. P.O. No., Job No., etc
EMLER,
3. Work Performed by BRINKS, SULAK, WILLIAMS Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-IMO-140							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS
Applicable Manufacturer's Data Reports to be attached
ON VALVE 1-IMO-140 * PURCHASED PER SPEC. DCCPV105OCN
REF.RFC-12-2718
Ref. JO #722634 File:ME-VAL-1-IMO-140 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman for Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-17-91 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. M. M. M. M. Commissions Mich 555, End NIT
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 17 19 91

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

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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 12/1/90
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 722632, FILE:ME-VAL-1-IMO-120
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by IMLER, RUSSELL, CHERETTI Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System EMERG. CORE COOLING (RHR)
5. (a) Applicable Const. Code *PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-IMO-120							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS
Applicable Manufacturer's Data Reports to be attached
ON VALVE 1-IMO-120 * PURCHASED PER SPEC. DCCPV1050CN
REF. RFC-12-2718
Ref. JO #722632 File:ME-VAL-1-IMO-120 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beizman, Maint. Superintendent Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-17-91 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. J. Montenegro Commissions MICH 555, EN & N & T
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 17 19 91

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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/2/90
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 A003793, FILE:ME-VAL-1-SV-105E
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by BOGGS, LAWLESS Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code ASME III 1986 Ed., 1987 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-SV-105E							
FLG. BOLTS	DUBOSE	N/A	N/A	ASP-12879	1990	REPLACED	NO
FLG. BOLTS	NOVA MACHINE	N/A	N/A	ASP-11226	1989	REPLACED	NO
FLG. NUTS	DUBOSE	N/A	N/A	ASP-12879	1990	REPLACED	NO

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

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

9. Remarks Unit 1, REPLACED INLET/OUTLET BOLTING ON VALVE 1-SV-105E
Applicable Manufacturer's Data Reports to be attached

Ref. JO # A003793 File:ME-VAL-1-SV-105E ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 10 Apr, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. P. Montague Commissions Mich 555, End NFE
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 12 1991

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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/3/90
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 A010639, FILE:ME-VAL-1-NRV-152
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by J. BELTZ 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 ASME III 1986 Ed., 1986 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-NRV-152							
B/B STUDS	CARDINAL IND	N/A	N/A	ASP-11944	1989	REPLACED	NO
B/B NUTS	TEXAS BOLT	N/A	N/A	ASP-3855	1981	REPLACED	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 Unit 1, REPLACED B/B STUDS AND NUTS ON VALVE 1-NRV-152
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A010639 File:ME-VAL-1-NRV-152 ISI Class 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman for Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 1-14-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mike Mattingly Commissions Mich 555, END N.I.I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 17 1991

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/3/90
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 722649, FILE:ME-VAL-1-IMO-314
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by EMLER, MCKAY, GAISER Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code ASME III 1986 Ed., 1986 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of 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)
VALVE 1-IMO-314							
B/B STUDS	CARDINAL	N/A	N/A	ASP-11944	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1988	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11824	1989	REPLACED	NO

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

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

9. Remarks Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS
Applicable Manufacturer's Data Reports to be attached

ON VALVE 1-IMO-314

REF. RFC-12-2718

Ref. JO #722649 File:ME-VAL-1-IMO-314 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman for Maint. Superintendent Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-18-91 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.R. Matropoulos Commissions Mich 555, END N.E.I.
Inspector's Signature National Board, State, Province, Endorsements

Date April 18 19 91

*FACTORY MUTUAL SYSTEM

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

146

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/5/90
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 722636, FILE:ME-VAL-1-ICM-306
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WAUGH, ANTHONY Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-ICM-306							
B/B STUDS	CARDINAL	N/A	N/A	ASP-12988	1990	REPLACED	NO
B/B NUTS	NOVA	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 1-ICM-306 * PURCHASED PER SPEC. DCCPV 105 OCN

REF. RFC-12-2718

Ref. JO #722636 File:ME-VAL-1-ICM-306 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman for Date 4-23, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-24-91 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. J. Mutersbaugh Commissions Mich 555, End N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 24 19 91

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

123

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/5/90
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 722635, FILE:ME-VAL-1-ICM-305
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WAUGH, HALL, ANTHONY Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code ASME III 1983 Ed., S-1984 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-ICM-305							
B/B STUDS	CARDINAL IND	N/A	N/A	ASP-12988	1990	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 1-ICM-305

REF. RFC-12-2718

Ref. JO #722635 File:ME-VAL-1-ICM-305 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beidman, Maint. Superintendent Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4/17/91 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. J. Mutersbaugh Commissions Mich 555, End N & I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 17 19 91

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

224

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/7/90
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 A008320, FILE:STP-029-1-GRH-S7A
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by G. REESE 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 * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
SNUBBER 1-GRH-S7A	GRINNELL	N/A	N/A	ASP-11707	1976	REPLACED	NO
ROD EYE	GRINNELL	N/A	N/A	ASP-11382	1989	REPLACED	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 Unit 1. REPLACED ROD EYE & SNUBBER 1-GRH-S7A
Applicable Manufacturer's Data Reports to be attached

* PURCHASED PER SPECIFICATION DCCPV402OCN

Ref. JO #A008320 File:STP-029-1-GRH-S7A ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman Maint. Superintendent Date 11 April, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-15-91 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. J. Montgomerie Commissions MICH 555, ENR N&I
Inspector's Signature National Board, State, Province, Endorsements

Date April 15 19 91

*FACTORY MUTUAL SYSTEM

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

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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 12/8/90
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 A019103, FILE:PS-06-1-FFI-230
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by B. SCALLY Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System AUX. FEEDWATER
5. (a) Applicable Const. Code ASME III 1986 Ed., 1988 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)
FLOW INST. 1-FFI-230							
FLG. STUDS	TEXAS BOLT	N/A	N/A	ASP-11909	1989	REPLACED	NO
FLANGES	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO

7. Description of Work (See Remarks)

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

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

9. Remarks Unit 1, REPLACED FLANGE STUDS/NUTS, REPAIRED PIPE & FLANGE
Applicable Manufacturer's Data Reports to be attached
SURFACES BY WELDING & GRINDING. WELDING PER WPS's 1.1,10.4
FLOW INDICATOR 1-FFI-230
Ref. JO # A019103 File:PS-06-1-FFI-230 ISI Class 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 T. P. Bellman, Maint. Superintendent Date 4-18, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 11/22/90 to 3/21/91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. Montecarlo Commissions Mich 555, End N.E.
Inspector's Signature National Board, State, Province, Endorsements

Date April 19 19 91

*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/11/90
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 A008320, FILE:STP-029-1-MSS-5
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by L. WALLACE 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 ASME III 1986 Ed., 1986 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
SNUBBER 1-MSS-5							
LOAD PIN	GRINNELL	N/A	N/A	ASP-10155	1988	REPLACED	NO

7. Description of Work (See Remarks)

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

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

9. Remarks Unit 1, REPLACED SNUBBER LOAD PIN ON SNUBBER 1-MSS-5
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A008320 File:STP-029-1MSS-5 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman Maint. Superintendent Date 11 April, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-15-91 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. J. Mouton Commissions Mich 555, ENR N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 15 19 91

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

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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 12/15/90
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 A008320, STP-029-1-GSI-S707
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WALLACE Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System SAFETY INJECTION
5. (a) Applicable Const. Code ASME-III 1974 Ed., 1976 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
SNUBBER 1-GSI-S707							
LOAD PIN	GRINNELL	N/A	N/A	ASP-10364	1986	REPLACED	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 Unit 1, REPLACED TAPERED LOAD PIN ON SNUBBER 1-GSI-S707
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A008320 File:STP-029-1-GSI-S707 ISI Class 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 2 April, 1971
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-4-71 to 4-4-71, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 # 0686
National Board, State, Province, Endorsements

Date 4-4 - 19 71

*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/15/90
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 A008320, STP-029-1-GSI-S575
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by G. REESE Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System SAFETY INJECTION
5. (a) Applicable Const. Code ASME III 1974 Ed., 1976 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
SNUBBER 1-GSI-S575							
LOAD PIN	GRINNELL	N/A	N/A	ASP-10364	1986	REPLACED	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 Unit 1, REPLACED LOAD PIN ON SNUBBER 1-GSI-S575
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A008320 File:STP-029-1-GSI-S575 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 2 April, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-4-91 to 4-4-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. # 0686
Inspector's Signature National Board, State, Province, Endorsements

Date April 4, 19 91

*FACTORY MUTUAL SYSTEM



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

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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 12/15/90
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 A008320, STP-029-1-GRC-S582
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by L. WALLACE, G. REESE 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 ASME III 1974 Ed., S-1976 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
SNUBBER 1-GRC-S582							
LOAD PIN	GRINNELL	N/A	N/A	ASP-10364	1986	REPLACED	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 Unit 1 REPLACED LOAD PIN ON SNUBBER 1-GRC-S582,
Applicable Manufacturer's Data Reports to be attached

Ref.. JO #A008320 File:STP-029-1-GRC-S582 ISI Class 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman Maint. Superintendent Date 2 Apr 91, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-4-91 to 4-4-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rocky W. White Commissions Mich. # 0686
Inspector's Signature National Board, State, Province, Endorsements

Date April 4, 19 91

*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/16/90
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 A52147, ME-VAL-1-SV-45C
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by COX 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 ASME III 1983 Ed., 1984 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-SV-45C	CROSBY	N/A	N/A	ASP-11564	1989	REPLACED	NO
IN.STUDS	CARDINAL	N/A	N/A	ASP-12881	1990	REPLACED	NO
IN.NUTS	CARDINAL	N/A	N/A	ASP-9828	1987	REPLACED	NO
IN.NUTS	NOVA	N/A	N/A	ASP-13001	1990	REPLACED	NO
INLT.FLANG	D.C.COOK	N/A	N/A	N/A	1991	REPAIRED	NO

7. Description of Work (See Remarks)

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

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

FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED VALVE, INLET BOLTING AND MACHINED
Applicable Manufacturer's Data Reports to be attached

DAMAGED FLANGE SURFACE FOR VALVE 1-SV-45C

Ref. JO #A52147 File:ME-VAL-1-SV-45C ISI Class 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 15 Apr, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12/14/90 to 1/14/91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. Minton, Paul Commissions MICH 555, ENR NFI
Inspector's Signature National Board, State, Province, Endorsements

Date April 16 19 91

*FACTORY MUTUAL SYSTEM



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

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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 12/17/90
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 A008320, STP-029-1-FW-S11
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by G. REESE Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System FEEDWATER
5. (a) Applicable Const. Code ASME III 1986 Ed., 1986 Add. ---- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
SNUBBER 1-FW-S11							
LOAD PIN	GRINNELL	N/A	N/A	ASP-10155	1988	REPLACED	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 Unit 1, REPLACED LOAD PIN ON SNUBBER 1-FW-S11
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A008320 File:STP-029-1-FW-S11 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 2 Apr 71, 19 71
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-4-71 to 4-4-71, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. # 0686
Inspector's Signature National Board, State, Province, Endorsements

Date April 4, 19 71

*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/18/90
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 A008320, FILE:STP-029-1-FW-S12
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by G. REESE Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System FEEDWATER
5. (a) Applicable Const. Code ASME III 1974 Ed., S-1976 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
SNUBBER 1FW-S12	GRINNELL	N/A	N/A	S/N 31280	1975	REPLACED	NO
ROD EYE	GRINNELL	N/A	N/A	ASP-12135	1989	REPLACED	NO
LOAD PIN	GRINNELL	N/A	N/A	ASP-10364	1986	REPLACED	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 Unit 1, REPLACED ROD EYE, LOAD PIN AND SNUBBER 1-FW-S12
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A008320 File:STP-029-1-FW-S12 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 11 Apr 71, 19 71
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4/15/71 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. Martinsbaugh Commissions Mich 555 GND N&E
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 15 19 71

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

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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 12/20/90
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 A37425, ME-VAL-1-SV-1A-1
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by J. CUSHALL 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 * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-SV-1A-1							
OUTLET BOLTING	NO.CENTRAL, CARDINAL	N/A	N/A	ASP'S- 3693,11630	1980 1989	REPLACED	NO

7. Description of Work (See Remarks)

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

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

9. Remarks Unit 1, REPLACED OUTLET BOLTING ON VALVE 1-SV-1A-1
Applicable Manufacturer's Data Reports to be attached

* PURCHASED PER SPECIFICATION DCCPV105OCN

Ref. JO #A37425 File:ME-VAL-1-SV-1A-1 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 10 April, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. Wintermeyer Commissions Mich 555 End N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 12 19 91

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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/20/90
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 A37426, FILE:ME-VAL-1-SV-2B-1
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by J. CUSHALL Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System STEAM GENERATING
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-SV-2B-1							
FLG STUDS	TEXAS BOLT	N/A	N/A	ASP-472	1976	REPLACED	NO
FLG NUTS	TEXAS BOLT	N/A	N/A	ASP-472	1976	REPLACED	NO
FLG BOLTS	NO CENTRAL	N/A	N/A	ASP-3693	1980	REPLACED	NO
FLG NUTS	CARDINAL	N/A	N/A	ASP-11630	1989	REPLACED	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 Unit 1, REPLACED INLET/OUTLET BOLTING ON VALVE 1-SV-2B-1
Applicable Manufacturer's Data Reports to be attached

* PURCHASED PER SPECIFICATION DCCPV1050CN

Ref. JO # A37426 File:ME-VAL-1-SV-2B-1 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman Maint. Superintendent Date 10 April, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

JM Winterpaugh Commissions Mich 555 ENL N&I
Inspector's Signature National Board, State, Province, Endorsements

Date April 12 19 91

*FACTORY MUTUAL SYSTEM

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

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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 12/20/90
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 A37427, ME-VAL-1-SV-1B-1
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by J. CUSHMAN Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System STEAM GENERATING
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-SV-1B-1							
OUTLET BOLTING	NO.CENTRAL, CARDINAL	N/A	N/A	ASP-3693 ASP-11630	1980 1989	REPLACED	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 Unit 1, REPLACED OUTLET BOLTING ON VALVE 1-SV-1B-1
Applicable Manufacturer's Data Reports to be attached

*PURCHASED PER SPECIFICATION DCCPV105OCN

Ref. JO #A37427 File:ME-VAL-1-SV-1B-1 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 10 April, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

T. P. Beilman Commissions Mich 555 E&NFI
Inspector's Signature National Board, State, Province, Endorsements

Date April 12 19 91

*FACTORY MUTUAL SYSTEM

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

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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 12/20/90
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 A008320, STP-029-1-GRC-S562
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by P. RHEU 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 ASME III 1974 Ed., 1976 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
SNUBBER 1-GRC-S562							
LOAD PIN	GRINNELL	N/A	N/A	ASP-10364	1986	REPLACED	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 Unit 1, REPLACED LOAD PIN ON SNUBBER 1-GRC-S562
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A008320 File:STP-029-1-GRC-S562 ISI Class 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 2 April, 19 91
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-4-91 to 4-4-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rex W. White Commissions Mich: #0686
Inspector's Signature National Board, State, Province, Endorsements

Date April 4, 1991

*FACTORY MUTUAL SYSTEM



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/22/90
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 A008320, FILE; STP-029-1-MSS-1
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by G. REESE 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 * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
SNUBBER 1-MSS-1	GRINNELL	N/A	N/A	ASP-11956	N/A	REPLACED	NO
ROD EYE	GRINNELL	N/A	N/A	ASP-13187	1988	REPLACED	NO

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

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

9. Remarks Unit 1, REPLACED ROD EYE & SNUBBER 1-MSS-1 (S/N 18126)
Applicable Manufacturer's Data Reports to be attached

***PURCHASED TO ORIGINAL DESIGN CRITERIA**

Ref. JO #A008320 File:STP-029-1-MSS-1 ISI Class 2

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 16 April, 1971
Owner of Owner's Designee, Title

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-15-91 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 Nick 555 END NIT
National Board, State, Province, Endorsements

***FACTORY MUTUAL SYSTEM**

Date April 15 1991

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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/23/90
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 A013127, FILE:ME-VAL-1-FW-132-1
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by I. ZOUCK Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System AUX-FEEDWATER
5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., ----- 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)
VALVE 1-FW-132-1	ATWOOD MORRELL	N/A	N/A	N/A	N/A	REPAIRED	NO

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

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



FORM NIS-2 (Back)

9. Remarks Unit 1, REPAIRED VALVE COVER. MACHINED TO REMOVE PITS ON
Applicable Manufacturer's Data Reports to be attached

COVER OF VALVE 1-FW-132-1 (SEATING SURFACE)

Ref. JO #A013127 File:ME-VAL-1-FW-132-1 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman Date 4-23, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-10-90 to 1-25-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. [Signature] Commissions Mich 555, EN & NIT
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 24 19 91



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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/24/90
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 A003773, ME-VAL-1-MS-108-3
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by L.MUNYON 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 1983 Ed., --- Add. --- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-MS-108-3	ATWOOD MORRILL	N/A	N/A	ASP-12449	1990	REPLACED	NO
PIPE	RADNOR ALLOYS	N/A	N/A	ASP-10718	1988	REPLACED	NO
ELBOW	CONSOLIDATED	N/A	N/A	ASP-6557	1983	REPLACED	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 Unit 1, REPLACED VALVE, PIPE, ELBOW FOR VALVE 1-MS-108-3
Applicable Manufacturer's Data Reports to be attached
WITH WPS 1.1, 23.1g, 23.85f

Ref. JO #A003773 File:ME-VAL-1-MS-108-3 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman for Maint. Superintendent Date 4-19, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 11/16/90 to 1/4/91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mark M. Thompson Commissions Mich 555, END NfI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 19 19 91

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

131

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/25/90
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 A007334, FILE:ME-VAL-1-DCR-320
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WAUGH, K. JONES, J. JONES 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 ASME III 1983 Ed., S-1983 Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-DCR-320							
B/B STUDS	CARDINAL IND	N/A	N/A	ASP-12751	1990	REPLACED	NO
B/B NUTS	CARDINAL IND	N/A	N/A	ASP-12751	1990	REPLACED	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 Unit 1, REPLACED B/B STUDS/NUTS ON VALVE 1-DCR-320
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A007334 File:ME-VAL-1-DCR-320 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed J. L. Wagone for Date 4-16, 1991
T. P. Beilman, Maint. Superintendent
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4/17/91 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. [Signature] Commissions MICH 555, ENR NFI
Inspector's Signature National Board, State, Province, Endorsements

Date April 17 19 91

*FACTORY MUTUAL SYSTEM

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

214

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/26/90
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 Address
A008320, FILE:STP-029-1-MSS-6
Repair Org. P.O. No., Job No., etc
3. Work Performed by REESE 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 * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of 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)
SNUBBER 1-MSS-6	GRINNELL	N/A	N/A	S/N 30943	1988	REPLACED	NO
ROD EYE	GRINNELL	N/A	N/A	ASP-13180	1990	REPLACED	NO

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

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

9. Remarks Unit 1, REPLACED ROD EYE & SNUBBER 1-MSS-6
Applicable Manufacturer's Data Reports to be attached

*DEDICATION PLAN DCCPV12DP051 & PO 72610-040-8

Ref. JO #A008320 File:STP-029-1-MSS-6 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 7 Apr 81, 19 81
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-9-81 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. R. Montemagno Commissions Mich 555, ENR N/I
Inspector's Signature National Board, State, Province, Endorsements

Date April 9 19 81

*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/26/90
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 A008320, STP-029-1-FW-S5
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by G.REESE Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System FEEDWATER
5. (a) Applicable Const. Code * PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
SNUBBER 1-FW-S5	GRINNELL	N/A	N/A	S/N 31278	1976	REPLACED	NO
ROD EYE	GRINNELL	N/A	N/A	ASP-12135	1990	REPLACED	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 Unit 1, REPLACED SNUBBER & ROD EYE 1-FW-S5
Applicable Manufacturer's Data Reports to be attached

* PURCHASED PER SPECIFICATION DCCPV402OCN

Ref. JO #A008320 File:STP-029-1-FW-S5 ISI Class 2

CERTIFICATE OF COMPLIANCE.

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 5/24/71, 19 71
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of 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 April 1971 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. J. Westergaard Commissions Mich 555, ENR N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 8 19 71

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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 1/2/90
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 739266, FILE:ME-VAL-1-NSO-21
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by BARINKA, MABRY 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 1983 Ed., Add. Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-NSO-21	TARGET ROCK	N/A	N/A	N/A	N/A	REPAIRED	NO

7. Description of Work (See Remarks)

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

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

FORM NIS-2 (Back)

9. Remarks. Unit 1, REPAIRED VALVE 1-NSO-21 AND SEAL WELDED B/B USING
Applicable Manufacturer's Data Reports to be attached

WPS 20.49f

REF. ASME SECT.XI INTERPRETATION XI-1-83-28R

Ref. JO #739266 File:ME-VAL-1-NSO-21 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beelman *J. L. Wagoner for* Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-22-90 to 4-18-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. Wintermahl Commissions Mich 555, END NSE
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 18 19 91

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

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 1/2/91
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 736374, FILE:ME-VAL-1-NSO-22
Address Repair Org. P.O. No., Job No., etc
MABRY
3. Work Performed by BELTZ, ROGERS, BARINKA 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 1983 Ed., ---- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-NSO-22	TARGET ROCK	N/A	N/A	N/A	N/A	REPAIRED	NO

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

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

FORM NIS-2 (Back)

9. Remarks Unit 1, REPAIRED VALVE 1-NSO-22 AND SEAL WELDED B/B USING
Applicable Manufacturer's Data Reports to be attached

WPS 20.49f.

REF. ASME SECT. XI INTERPRETATION XI-1-83-28R

Ref. JO #736374 File: ME-VAL-1-NSO-22 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed J. L. Waggoner for
T. P. Beelman, Maint. Superintendent Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-28-88 to 4-18-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mark Matuszewska Commissions Mich 555, End N&I
Inspector's Signature National Board, State, Province, Endorsements

Date April 18 19 91

*FACTORY MUTUAL SYSTEM

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

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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 1/2/90
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 736385, FILE:ME-VAL-1-NSO-23
Address Repair Org. P.O. No., Job No., etc
BARINKA,
3. Work Performed by BELTZ, MABRY, ROGERS 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 1983 Ed., --- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-NSO-23	TARGET ROCK	N/A	N/A	N/A	N/A	REPAIRED	NO

7. Description of Work (See Remarks)

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

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

FORM NIS-2 (Back)

9. Remarks UNIT: 1, REPAIRED VALVE 1-NSO-23 AND SEAL WELDED B/B USING
Applicable Manufacturer's Data Reports to be attached

WPS 20.49f

REF. ASME SECT.XI INTERPRETION XI-1-83-28R

Ref. JO #736385 File: ME-VAL-1-NSO-23 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. X. Wagner for Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-28-90 to 4-15-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. McIntosh Commissions Mich 555, END N & I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 18 19 91

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 1/2/91
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 736386, FILE:ME-VAL-1-NSO-24
Address Repair Org. P.O. No., Job No., etc
BARINKA,
3. Work Performed by BELTZ, ROGERS, MABRY 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 1983 Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-NSO-24	TARGET ROCK	N/A	N/A	N/A	N/A	REPAIRED	NO

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

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

FORM NIS-2 (Back)

9. Remarks Unit 1, REPAIRED VALVE 1-NSO-24 AND SEAL WELDED B/B USING
Applicable Manufacturer's Data Reports to be attached

WPS 20.49f

REF. ASME SECT. XI INTERPRETATION XI-1-83-28R

Ref. JO #736386 File:ME-VAL-1-NSO-24 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beckman for Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-23-90 to 4-13-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. Waters Commissions Mich 555 END N&I
Inspector's Signature National Board, State, Province, Endorsements

Date April 18 19 91

*FACTORY MUTUAL SYSTEM



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

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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 1/6/91
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 722621, FILE:ME-VAL-1-RH-113W
Address Repair Org. P.O. No., Job No., etc
HADSELL, BRINKA, JEANNERETTE
3. Work Performed by ANTHONY, DEAN, HALL Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING
5. (a) Applicable Const. Code ASME III 1986 Ed., 1986 Add. --- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-RH-113W							
B/B STUDS	CARDINAL IND	N/A	N/A	ASP-11944	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1, REPLACED B/B CS STUDS/NUTS WITH SS B/B STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 1-RH-113W

REF. RFC-12-2718

Ref. JO #722621 File:ME-VAL-1-RH-113W ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed J. A. Waggoner for
T. P. Beilman, Maint. Superintendent Date 4-18, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-15-91 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. Montenegro Commissions Mich 555, END N&I
Inspector's Signature National Board, State, Province, Endorsements

Date April 17 19 91

*FACTORY MUTUAL SYSTEM

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

182

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 1/7/91
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 722643, FILE:ME-VAL-1-RH-128E
Address Repair Org. P.O. No., Job No., etc
HALL,
3. Work Performed by MADALE, FLORY, ANTHONY Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System EMERGENCY CORE COOLING (RHR)
5. (a) Applicable Const. Code *PAGE 2 19 - Ed., ----- Add. ----- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-RH-128E							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLACED	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 Unit 1. REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS
Applicable Manufacturer's Data Reports to be attached

ON VALVE 1-RH-128E

REF.RFC-12-2718 *PURCHASED PER SPECIFICATION DCCPV105OCN

Ref. JO # 722643 File: ME-VAL-1-RH-128E ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 15 April, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-16-91 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.

MA Mutual Commissions Mich 555, ENPNTI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 16 19 91

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 1/8/91
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 A016562, FILE:ME-VAL-1-NRV-164
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by J. BELTZ, J. JONES 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 ASME III 1986 Ed., 1986 Add. ---- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of 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)
VALVE 1-NRV-164							
B/B STUDS	TEXAS BOLT	N/A	N/A	ASP-6569	1983	REPLACED	NO
B/B NUTS	TEXAS BOLT	N/A	N/A	ASP-6569	1983	REPLACED	NO
B/B STUDS	HARDWARE SP.	N/A	N/A	9611/10347	1987/8	REPLACED	NO
B/B NUTS	HARDWARE SP.	N/A	N/A	ASP-10355	1988	REPLACED	NO

7. Description of Work (See Remarks)

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

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

FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED B/B STUDS/NUTS ON VALVE 1-NRV-164
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A016562 File:ME-VAL-1-NRV-164 ISI Class 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman Date 4-18, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 1-9-91 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.

MA Muteranagh Commissions Mich 555, ENDN I
Inspector's Signature National Board, State, Province, Endorsements

Date April 19 19 91

*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 1/11/91
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 A41258, ME-VAL-1-MRV-241
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by J. JONES Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System STEAM GENERATING
5. (a) Applicable Const. Code ASME III 1986 Ed., --- Add. --- Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-MRV-241							
B/B STUDS	CARDINAL IND	N/A	N/A	ASP-13162	1990	REPLACED	NO
B/B NUTS	CARDINAL IND	N/A	N/A	ASP-13162	1990	REPLACED	NO

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

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

9. Remarks Unit 1, REPLACED B/B STUDS/NUTS ON VALVE 1-MRV-241
Applicable Manufacturer's Data Reports to be attached

Ref. JO #A41258 File:ME-VAL-1-MRV-241 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Belzman for Date 4-16, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-17-91 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. McIntosh Commissions Mich 555, ENR NIS
Inspector's Signature National Board, State, Province, Endorsements

Date April 17 19 91

*FACTORY MUTUAL SYSTEM

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 1/18/91
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 A37447, ME-VAL-1-MS-135-3
Address Repair Org. P.O. No., Job No., etc
FREEHLING,
3. Work Performed by BARINKA, FLORY, SMITH 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 * PAGE 2 19 - Ed., ----- 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)
VALVE 1-MS-135-3	VOGT MACHINE	N/A	N/A	ASP-11649	1987	REPLACED	NO
2" SCH 80 PIPE (CS)	RADNOR ALLOYS	N/A	N/A	ASP-13174	1989	REPLACED	NO

7. Description of Work (See Remarks)

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

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

9. Remarks Unit 1, REPLACED VALVE & 2' CS SCH 80 PIPE.
Applicable Manufacturer's Data Reports to be attached
VALVE 1-MS-135-3 * PURCHASED PER SPEC. DCCPV830OCN
REF. 12-MM-022-94 WELDING PER WPS 1.1
Ref. JO #A37447 File:ME-VAL-1-135-3 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 4-22, 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-18-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. R. Antoski Commissions MICH 555, END NIT
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date April 24 19 91

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

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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 1/23/91
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 A50992, FILE:ME-VAL-1-MRV-220
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by HESS, KRIGER, BURKE 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 ASME III 1977Ed., S-1977 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)
VALVE 1-MRV-220	ATWOOD & MORRILL						
B/B STUDS	A & M	N/A	N/A	ASP-461	1974	REPLACED	NO
B/B STUDS	A & M	N/A	N/A	ASP-7119	1984	REPLACED	NO
B/B NUTS	A & M	N/A	N/A	ASP-8391	1984	REPLACED	NO
B/B NUTS	A & M	N/A	N/A	ASP-12284	1990	REPLACED	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 Unit 1, REPLACED B/B STUDS/NUTS & PERFORMED WELD REPAIR OF
Applicable Manufacturer's Data Reports to be attached

VENT LINE PER WPS 1.1 ON VALVE 1-MRV-220

Ref. JO #A50992 File:ME-VAL-1-MRV-220 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 15 APR 1991
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10/23/90 to 12/1/90, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

T. A. Martins Commissions Mich 555, END NFI
Inspector's Signature National Board, State, Province, Endorsements

Date April 16 19 91

*FACTORY MUTUAL SYSTEM



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

230

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 1/23/91
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 A50993, FILE:ME-VAL-1-MRV-230
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by HESS, KRIEGER, BURKE 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 ASME III 1977 Ed., S-1977 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)
VALVE 1-MRV-230	ATWOOD & MORRILL						
B/B STUDS	A & M	N/A	N/A	ASP-461	1974	REPLACED	NO
B/B STUDS	A & M	N/A	N/A	ASP-7119	1984	REPLACED	NO
B/B NUTS	A & M	N/A	N/A	ASP-461	1974	REPLACED	NO
B/B NUTS	A & M	N/A	N/A	ASP-8391	1984	REPLACED	NO

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

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

9. Remarks Unit 1, REPLACED B/B STUDS/NUTS & PERFORMED WELD REPAIR ON
Applicable Manufacturer's Data Reports to be attached

VENT LINE PER WPS 1.1 ON VALVE 1-MRV-230

Ref. JO #A50993 File:ME-VAL-1-MRV-230 ISI Class 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed T. P. Beilman, Maint. Superintendent Date 5 Apr, 19 91
Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 11/28/90 to 12/1/90, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. J. Montague
Inspector's Signature

Commissions Mich 555, ENR N & I
National Board, State, Province, Endorsements

*FACTORY MUTUAL SYSTEM

Date 4-16 19 91



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

The following NIS-2 Reports were performed during the 1990-91
Unit 1 Refueling Outage but were dated after January 26, 1991.

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

MHI-5075
ATTACHMENT NO. 2

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

1. Owner INDIANA/MICHIGAN ELECTRIC COMPANY Date 1-17-91
Name
P. O. Box 60, Fort Wayne, Indiana 46801
Address
2. Plant Donald C. Cook Nuclear Plant Unit 1
Name
P. O. Box 458, Bridgman, Michigan 49106
Address
3. Work Performed by CIMCO Type Code Symbol Stamp V
Name
P. O. Box 218, Stevensville, MI 49127
Address
4. Identification of System Steam Generator Blowdown
*AEP Specifications/MDS Standards/ANSI B31.1-83/AISC
5. (a) Applicable Construction Code * 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/S'83 add.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2" TEE	N/A	N/A	N/A	ASP-12080 SA-105-II	N/A	Replacement	NO
2" x 3/4" Red. Insert	N/A	N/A	N/A	ASP-11969 SA-105-II	N/A	Replacement	NO
2" Coupling	N/A	N/A	N/A	ASP-12080 SA-105-II	N/A	Replacement	NO
2" Lateral	N/A	N/A	N/A	ASP-11969 SA-105-II	N/A	Replacement	NO

7. Description of Work Install permanent Nitrogen sparge connections in the blowdown line of each Steam Generator.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure psi Test Temp. °F

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

(12/82)

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



FORM NIS-2 (Back)

9. Remarks Install permanent nitrogen sparge connections in the blowdown line
Applicable Manufacturer's Data Reports to be attached
of each steam generator.

ASME II

ISI 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 Gaden Owen Project Engr. Date 1-31, 19 91
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by Arkwright Mutual * of Norwood, Mass. have inspected the components described in this Owner's Report during the period 2-7-89 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Martenpough Commissions MICH 555, END NFI
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-31, 19 91

*Factory Mutual System

(12/82)



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

MHI-5075
ATTACHMENT NO. :

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

1. Owner INDIANA/MICHIGAN ELECTRIC COMPANY Date 1-23-91
Name
P. O. Box 60 Fort Wayne, Indiana 46801 Sheet 1 of 2
Address
2. Plant Donald C. Cook Nuclear Plant Unit 1
Name
One Cook Place, Bridgman, Michigan 49106 Job Order A52182
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by CIMCO Type Code Symbol Stamp V
Name
P. O. Box 218, Stevensville, MI 49127 Authorization No. 252-V
Address Expiration Date 12-31-91
4. Identification of System Residual Heat Removal
* AEP Specifications/MDS Standards/ANSI B 31.1-83/AISC
5. (a) Applicable Construction Code * 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/S'83 add.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
7/8" Bolts	N/A	N/A	N/A	ASP-12009 A-193-B7	N/A	Replacement	NO
7/8" Bolts	N/A	N/A	N/A	ASP-3265 A-193-B7	N/A	Replacement	NO

7. Description of Work Replace pipe clamp bolts on support 1-GRH-R505 to ensure full thread engagement of nuts.
8. Tests 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.

(12/82)

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



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

MHI-5075
ATTACHMENT NO. 2

FORM NIS-2 (Back)

9. Remarks Replace pipe clamp bolts on support 1-GRH-R505 to ensure full thread
engagement of nuts as requested by Job Order A52182.

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 Jordan Power Project Eng. Date 1-23, 1991
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by Arkwright Mutual* of Norwood, Mass. have inspected the components described in this Owner's Report during the period 1-24-91 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. Matrone Commissions MICH 555, END N.E.T.
Inspector's Signature National Board, State, Province, and Endorsements

Date Jan 24, 1991

*Factory Mutual SYSTEM Group MM
1-24-91

(12/82)



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

NHI-5075
ATTACHMENT NO. 2

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

1. Owner INDIANA & MICHIGAN ELECTRIC COMPANY Date 1-23-91
Name
P.O. Box 60 Fort Wayne, Indiana 46801 Sheet 1 of 2
Address
2. Plant Donald C. Cook Nuclear Plant Unit 1
Name
One Cook Place, Bridgman, Michigan 49106 J.O.# A52181
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by CIMCO Type Code Symbol Stamp V
Name
P.O. Box 218, Stevensville, MI. 49127 Authorization No. 0252-V
Address Expiration Date 12-31-91
4. Identification of System RESIDUAL HEAT REMOVAL
* AEP Specifications/MDS Standards/ANSI B31.1-83/AISC
5. (a) Applicable Construction Code * 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 W/S 1983 ADD.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
3/4" Studs	N/A	N/A	N/A	ASP-11912 A-193 GR B7	N/A	Replacement	NO

7. Description of Work Replace pipe clamp bolts on support 1-GRH-R500 to ensure full thread engagement of nuts
8. Tests 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.

(12/82)

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



FORM NIS-2 (Back)

9. Remarks Replace pipe clamp bolts on support 1-GRH-R500 to ensure full thread
engagement of nuts as requested by Job Order A52181.
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] Project Engr. Date 1-24 19 91
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by Arkwright Mutual Ins. Co. * of Norwood, Mass. have inspected the components described in this Owner's Report during the period 1-24-91 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 555, ENR N.E.I.
Inspector's Signature National Board, State, Province, and Endorsements
Date Jan 24 19 91 *Factory Mutual Group SYSTEM
1-24-91

(12/82)



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

MHI-5075
ATTACHMENT NO. 2

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

1. Owner INDIANA/MICHIGAN ELECTRIC COMPANY Date 1-25-91
Name
P. O. Box 60, Fort Wayne, Indiana 46801 Sheet 1 of 2
Address
2. Plant Donald C. Cook Nuclear Plant Unit 1
Name
One Cook Plant, Bridgman, Michigan 49106 Job Order A57172 RFC 12-3042
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by CIMCO Type Code Symbol Stamp V
Name
P. O. Box 218, Stevensville, MI 49127 Authorization No. 252-V
Address Expiration Date 12-31-91
4. Identification of System Chemical and Volume Control System ISI Class II
* AEP Specifications/MDS Standards/ANSI B31.1-83/AISC
5. (a) Applicable Construction Code * 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/S'83 Add.

5. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/2" Plate	N/A	N/A	N/A	ASP-12781 A-36	N/A	Replacement	NO
3/8" Angle	N/A	N/A	N/A	ASP-11779 A-36	N/A	Replacement	NO

7. Description of Work Upgraded supports 1-GCS-R612 and R760. Deleted and removed
Support 1-GCS-R759 in accordance with design change 12-3042.

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

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 report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Upgraded supports 1-GCS-R612 and R760. Deleted and removed Support
1-GCS-R759 in accordance with design change package 12-3042.
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 1-25- 19 91
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by Arkwright Mutual* of Norwood, Mass. have inspected the components described in this Owner's Report during the period 11-2-91 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 555, ENR NIT
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-28 19 91

*Factory Mutual System



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

MHI-5075
ATTACHMENT NO. 2

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

1. Owner INDIANA/MICHIGAN ELECTRIC COMPANY Date 1-25-91
Name
P. O. Box 60, Fort Wayne, Indiana 46801 Sheet 1 of 2
Address
2. Plant Donald C. Cook Nuclear Plant Unit 1
Name
One Cook Place, Bridgman, Michigan 49106 Job Order A57172 RFC 12-3042
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by CIMCO Type Code Symbol Stamp V
Name Authorization No. 252-V
P. O. Box 218, Stevensville, MI 49127 Expiration Date 12-31-91
Address
4. Identification of System Chemical and Volume Control System ISI Class I
*AEP Specifications/MDS Standards/ANSI B31.1-83/AISC
5. (a) Applicable Construction Code * 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/S'83 add.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/8" Plate	N/A	N/A	N/A	ASP-12942 A-570-45	N/A	Replacement	NO
3/8" Plate	N/A	N/A	N/A	ASP-12776 A-36	N/A	Replacement	NO
1/2" Angle	N/A	N/A	N/A	ASP-3006 A-36	N/A	Replacement	NO

7. Description of Work Upgrade supports 1-GCS-R506, R515 and R600 to their intended design in accordance with Design Change 12-3042.

8. Tests 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.

(12/82)

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



FORM NIS-2 (Back)

9. Remarks Upgrade supports 1-GCS-R506, R515 and R600 to their intended design
in accordance with Design Change 12-3042.

ISI Class I

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the 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 Garlan Paven Project Engineer Date 1-25-91
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by Arkwright Mutual* of Norwood, Mass. have inspected the components described in this Owner's Report during the period 1-2-90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Minterbaugh Commissions MICH 555, END N.I.I
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-28-91 19 91

*Factory Mutual System

(12/82)



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

MHI-5075
ATTACHMENT NO. 2

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

1. Owner INDIANA & MICHIGAN ELECTRIC COMPANY Date 1-29-91
Name
P.O. Box 60 Fort Wayne, Indiana 46801 Sheet 1 of 2
Address
2. Plant Donald C. Cook Nuclear Plant Unit 1
Name
One Cook Place, Bridgman, Michigan 49106 J.O.# A57335 / RFC-01-3046
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by CIMCO Type Code Symbol Stamp V
Name
P.O. Box 218, Stevensville, MI. 49127 Authorization No. 0252-V
Address Expiration Date 12-31-91
4. Identification of System SAFETY INJECTION
5. (a) Applicable Construction Code * AEP Specifications/MDS Standards/ANSI B31.1-83/AISC
Edition, 19 Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 W/S 1983 ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/4" Angle	N/A	N/A	N/A	ASP-11779 A-36	N/A	Replacement	NO
1-1/2" Pipe	N/A	N/A	N/A	ASP-10718 A-106 GR.B	N/A	Replacement	NO
1/2" Plate	N/A	N/A	N/A	ASP-12552 A-36	N/A	Replacement	NO

7. Description of Work Installed angle, plate, and pipe on supports 1-GSI-R538, 1-GSI-R539, and 1-GSI-R576 in order to upgrade these supports to their intended design.
8. Tests 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.

(12/82)

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

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

MHI-5075
ATTACHMENT NO. 2

FORM NIS-2 (Back)

9. Remarks Performed modifications to supports 1-GSI-R538, 1-GSI-R539 and 1-GSI-R576
Applicable Manufacturer's Data Reports to be attached
per RFC-01-3046 in order to upgrade supports to their intended design by installing
angle, plate, and pipe. J.O.# A57335 / RFC-01-3046

ISI CLASS I

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the 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 Ernest Brown Project Eng. Date 1-30 19 91
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of Michigan and employed by Arkwright Mutual Ins. Co. * of
Norwood, Mass. have inspected the components described

in this Owner's Report during the period 12-11-90 to —, and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.R. Mutersbaugh Commissions Mich 555, ENCL N&I
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-31 19 91

*Factory Mutual System

(12/82)



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

MHI-5075
ATTACHMENT NO. 2

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

As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA & MICHIGAN ELECTRIC COMPANY Date 2-6-91
Name
P.O. Box 60 Fort Wayne, Indiana 46801
Address
2. Plant Donald C. Cook Nuclear Plant Unit 1
Name
One Cook Place, Bridgman, Michigan 49106
Address J.O.# A57324 / RFC-12-3062
Repair Organization P.O. No., Job No., etc.
3. Work Performed by CIMCO Type Code Symbol Stamp V
Name
P.O. Box 218, Stevensville, MI. 49127
Address Authorization No. 0252-V
Expiration Date 12-31-91
4. Identification of System FEEDWATER
5. (a) Applicable Construction Code * AEP Specifications/MDS Standards/ANSI B31.1-83/AISC
19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 W/S 1983 ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
3/8" Angles	N/A	N/A	N/A	ASP-11779 A-36	N/A	Replacement	NO
3/8" Angles	N/A	N/A	N/A	ASP-6988 A-36	N/A	Replacement	NO
3/8" Plates	N/A	N/A	N/A	ASP-12776 A-36	N/A	Replacement	NO
1/2" Plates	N/A	N/A	N/A	ASP-12781 A-36	N/A	Replacement	NO
5/8" Bolts	N/A	N/A	N/A	ASP-11713 A-325	N/A	Replacement	NO

7. Description of Work Make minor corrections to various pipe supports per RFC-12-3062

8. Tests 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.

MHI-5075
ATTACHMENT NO. 2

1. Owner INDIANA & MICHIGAN ELECTRIC COMPANY
Name
P.O. Box 60 Fort Wayne, Indiana 46801
Address

2. Plant Donald C. Cook Nuclear Plant
Name
One Cook Place, Brideman, Michigan 49106
Address

3. Work Performed by CIMCO
Name
P.O. Box 218, Stevensville, MI. 49127
Address

4. Identification of System FEEDWATER

5. (a) Applicable Construction Code, * AEP Specifications/MDS Standards/ANSI B31.1-83/AISC
Edition, 19 Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 63 W/S 1983 ADD.

Date 2-6-91
Sheet 2 of 3
Unit 1
J.O.# A57324 / RFC-12-3062
Repair Organisation P.O. No., Job No., etc.
Type Code Symbol Stamp V
Authorization No. 0252-V
Expiration Date 12-31-91

[illegible]

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

MI-5075
ATTACHMENT NO. 2

Sheet 3 of 3

FORM NIS-2 (Back)

9. Remarks Performed minor modifications to various pipe supports per RFC-12-3062

Applicable Manufacturer's Data Reports to be attached

J.O.# A57324 / RFC-12-3062

ASME CLASS II

ISI CLASS II

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Gordon Davis, Project Eng. Date 2-11, 19 91
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Michigan and employed by Arkwright Mutual Ins. Co. * of Norwood, Mass.

have inspected the components described in this Owner's Report during the period 10/24/90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. Matthew Commissions MICH 555, ENDRN I
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-12, 19 91

*Factory Mutual System

(12/82)



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

MHI-5075
ATTACHMENT NO. 2

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

1. Owner INDIANA & MICHIGAN ELECTRIC COMPANY Date 2-7-91
Name
P.O. Box 60 Fort Wayne, Indiana 46801 Sheet 1 of 3
Address
2. Plant Donald C. Cook Nuclear Plant Unit 1
Name
One Cook Place, Bridgman, Michigan 49106 J.O.# A57438 / RFC-01-3049
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by CIMCO Type Code Symbol Stamp V
Name
P.O. Box 218, Stevensville, MI. 49127 Authorization No. 0252-V
Address Expiration Date 12-31-91
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code * AEP Specifications/MDS Standards/ANSI B31.1-83/AISC
Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 W/S 1983 ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/4" Plates	N/A	N/A	N/A	ASP-12509 A-36	N/A	Replace- ment	NO
1/4" Plates	N/A	N/A	N/A	ASP-7510 A-36	N/A	Replace- ment	NO
3/16" Plates	N/A	N/A	N/A	ASP-12555 A-36	N/A	Replace- ment	NO
3/8" Plates	N/A	N/A	N/A	ASP-12240 A-36	N/A	Replace- ment	NO
3/8" Plates	N/A	N/A	N/A	ASP-11797 A-36	N/A	Replace- ment	NO

7. Description of Work Perform Minor Modifications to various pipe supports in accordance with Design Change Package 01-3049.

8. Tests 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.



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

MHI-5075
ATTACHMENT NO. 2

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

1. Owner INDIANA & MICHIGAN ELECTRIC COMPANY Date 2-7-91
Name
P.O. Box 60 Fort Wayne, Indiana 46801
Address
Sheet 2 of 3

2. Plant Donald C. Cook Nuclear Plant Unit 1
Name
One Cook Place, Bridgman, Michigan 49106
Address
J.O.# A57438 / RFC-01-3049
Repair Organization P.O. No., Job No., etc.

3. Work Performed by CIMCO Type Code Symbol Stamp V
Name
P.O. Box 218, Stevensville, MI. 49127
Address
Authorization No. 0252-V
Expiration Date 12-31-91

4. Identification of System RESIDUAL HEAT REMOVAL

5. (a) Applicable Construction Code * AEP Specifications/MDS Standards/ANSI B31.1-83/AISC
Edition, 19 Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 W/S 1983 ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/2" Plates	N/A	N/A	N/A	ASP-12552 A-36	N/A	Replacement	NO
1/2" Plates	N/A	N/A	N/A	ASP-12781 A-36	N/A	Replacement	NO
1" Plate	N/A	N/A	N/A	ASP-7520 A-36	N/A	Replacement	NO
1/4" Angles	N/A	N/A	N/A	ASP-7510 A-36	N/A	Replacement	NO
1/2" Angles	N/A	N/A	N/A	ASP-12927 A-36	N/A	Replacement	NO
5/8" Angles	N/A	N/A	N/A	ASP-4151 A-36	N/A	Replacement	NO
1/2" Beam Attachment	Grinnell	N/A	N/A	ASP-12208 FIG. #66	N/A	Replacement	NO
5/8" Concrete Anchors	Hilti	N/A	N/A	ASP-11682	N/A	Replacement	NO
1/2" SCH. 160 Pipe	N/A	N/A	N/A	ASP-12850 A-106-B	N/A	Replacement	NO
4" SCH. 80 Pipe	N/A	N/A	N/A	ASP-10718 A-106-B	N/A	Replacement	NO
6" SCH. 40 Pipe	N/A	N/A	N/A	ASP-1041 A-376-304	N/A	Replacement	NO

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

MEI-5075
ATTACHMENT NO. 2

Sheet 3 Of 3

FORM NIS-2 (Back)

9. Remarks Performed minor modifications to various pipe supports in accordance
with design change package 01-3049.

Applicable Manufacturer's Data Reports to be attached

ASME CLASS II

J.O.# A57438 / RFC-01-3049

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 Gordon J. ... Date 2-11, 19 91
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of Michigan and employed by Arkwright Mutual Ins. Co. * of
Norwood, Mass.

... have inspected the components described
in this Owner's Report during the period 10-23-90 to ... and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. ... Commissions Mich SSS, ENR NIT
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-12, 19 91

*Factory Mutual System

(12/82)

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

MHI-5075
ATTACHMENT NO. 2

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

1. Owner INDIANA & MICHIGAN ELECTRIC COMPANY Date 2-7-91
Name
P.O. Box 60 Fort Wayne, Indiana 46801 Sheet 1 of 2
Address
2. Plant Donald C. Cook Nuclear Plant Unit 1
Name
One Cook Place, Bridgman, Michigan 49106 J.O.# A22007 / RFC-12-3062
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by CIMCO Type Code Symbol Stamp V
Name
P.O. Box 218, Stevensville, MI. 49127 Authorization No. 0252-V
Address Expiration Date 12-31-91
4. Identification of System FEEDWATER
5. (a) Applicable Construction Code * AEP Specifications/MDS Standards/ANSI B31.1-83/AISC
19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 W/S 1983 ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/8" Plates	N/A	N/A	N/A	ASP-12913 A-106-1015	N/A	Replacement	NO
3/16" Plates	N/A	N/A	N/A	ASP-12555 A-36	N/A	Replacement	NO
3/8" Plates	N/A	N/A	N/A	ASP-12240 A-36	N/A	Replacement	NO

7. Description of Work Installed shim plates on supports 1-GFW-L2, 1-GFW-L4, 1-GFW-L8, 1-GFW-L12
1-GFW-L21 in order to upgrade these supports to their intended design.
8. Tests 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.

(12/82)

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



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

MEI-5075
ATTACHMENT NO. 2

FORM NIS-2 (Back)

9. Remarks Performed minor modifications to existing supports 1-GFW-L2, 1-GFW-L4, 1-GFW-L8,
1-GFW-L12, 1-GFW-L21 by installing shim plates in order to upgrade these supports to
their intended design. J.O.# A22007 / RFC-12-3062
ASME CLASS II / ISI CLASS II

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Gordon Paven Project Engr. Date 2-11, 19 91
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of Michigan and employed by Arkwright Mutual Ins. Co. * of
Norwood, Mass.

have inspected the components described
in this Owner's Report during the period 12-21-90 to , and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. H. Hintonbaugh Commissions Mich 555, EN&N&I
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-11, 19 91

*Factory Mutual System

(12/82)

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

MHI-5075
ATTACHMENT NO. 2

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

1. Owner INDIANA & MICHIGAN ELECTRIC COMPANY Date 2-7-91
Name
P.O. Box 60 Fort Wayne, Indiana 46801
Address
2. Plant Donald C. Cook Nuclear Plant Unit 1
Name
One Cook Place, Bridgman, Michigan 49106
Address J.O. # A22007 / RFC-12-3062
Repair Organization P.O. No., Job No., etc.
3. Work Performed by CIMCO Type Code Symbol Stamp V
Name
P.O. Box 218, Stevensville, MI. 49127
Address Authorization No. 0252-V
Expiration Date 12-31-91
4. Identification of System MAINSTEAM
5. (a) Applicable Construction Code * AEP Specifications/MDS Standards/ANSI B31.1-83/AISC
19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 W/S 1983 ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
3/8" Plates	N/A	N/A	N/A	ASP-11797 A-36	N/A	Replacement	NO
5/8" Bolts	N/A	N/A	N/A	ASP-13161 A-325	N/A	Replacement	NO
5/8" Hex Nuts	N/A	N/A	N/A	ASP-13161 SA-194-2H	N/A	Replacement	NO
5/8" Flat Washers	N/A	N/A	N/A	ASP-13161 A-436	N/A	Replacement	NO

7. Description of Work Installed plates, bolts, nuts & washers on existing support 1-GMS-R294
in order to upgrade support to its intended design.
8. Tests 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 8 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.



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

MEI-5075
ATTACHMENT NO. 2

FORM NIS-2 (Back)

9. Remarks Performed minor modifications to existing support 1-GMS-R294 by installing
3/8" plates, 5/8" bolts w/ nuts & washers in order to upgrade support to its
intended design. J.O.# A22007 / RFC 12-3062
ASME CLASS II / ISI CLASS II

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Gordon Pauer Project Eng. Date 2-11 19 91
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of Michigan and employed by Arkwright Mutual Ins. Co. * of
Norwood, Mass. have inspected the components described
in this Owner's Report during the period 12-21-90 to , and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Matusz Commissions Mich 555 ENR NFI
Inspector's Signature National Board, State, Province, and Endorsements
Date 2-11 19 91

*Factory Mutual System

(12/82)

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

MHI-5075
ATTACHMENT NO. 2

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

1. Owner INDIANA & MICHIGAN ELECTRIC COMPANY Date 2-8-91
Name
P.O. Box 60 Fort Wayne, Indiana 46801 Sheet 1 of 2
Address
2. Plant Donald C. Cook Nuclear Plant Unit 1
Name
One Cook Place, Bridgman, Michigan 49106 J.O.# A57438 / RFC-01-3049
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by CIMCO Type Code Symbol Stamp V
Name
P.O. Box 218, Stevensville, MI. 49127 Authorization No. 0252-V
Address Expiration Date 12-31-91
4. Identification of System CONTAINMENT SPRAY
5. (a) Applicable Construction Code * AEP Specifications/MDS Standards/ANSI B31.1-83/AISC
* 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 W/S 1983 ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/8" Plate	N/A	N/A	N/A	ASP-12776 A-570-45	N/A	Replacement	NO
1/2" Plate	N/A	N/A	N/A	ASP-12781 A-36	N/A	Replacement	NO
1/2" Angle	N/A	N/A	N/A	ASP-12927 A-36	N/A	Replacement	NO

7. Description of Work Installed plate and angle on existing supports 1-GCTS-L81 & 1-GCTS-L84
in order to upgrade supports to their intended design.
8. Tests 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.

(12/82)

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

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

MEI-5075
ATTACHMENT NO. 2

Sheet 2 of 2

FORM NIS-2 (Back)

9. Remarks Performed minor modifications to existing supports 1-GCTS-L81 & 1-GCTS-L84
by installing plates and angles .

Applicable Manufacturer's Data Reports to be attached

J.O.# A57438 / RFC-01-3049

ASME CLASS II / ISI CLASS II

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Gordon J. Pauer Robert E. Enge Date 2-11 19 91
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of Michigan and employed by Arkwright Mutual Ins. Co. * of
Norwood, Mass.

_____ have inspected the components described
in this Owner's Report during the period 10-23-90 to _____ and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mick 555, End N & T
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-12 19 91

*Factory Mutual System

(12/82)

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

MHI-5075
ATTACHMENT NO. 2

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

1. Owner INDIANA & MICHIGAN ELECTRIC COMPANY Date 2-8-91
Name
P.O. Box 60 Fort Wayne, Indiana 46801
Address
2. Plant Donald C. Cook Nuclear Plant Unit 1
Name
One Cook Place, Bridgman, Michigan 49106
Address
J.O.# A57438 / RFC-01-3049
Repair Organization P.O. No., Job No., etc.
3. Work Performed by CIMCO Type Code Symbol Stamp V
Name
P.O. Box 218, Stevensville, MI. 49127
Address
Authorization No. 0252-V
Expiration Date 12-31-91
4. Identification of System SAFETY INJECTION
* AEP Specifications/MDS Standards/ANSI B31.1-83/AISC
5. (a) Applicable Construction Code * 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 W/S 1983 ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/8" Plate	N/A	N/A	N/A	ASP-12807 A-569	N/A	Replacement	NO
1/8" Plate	N/A	N/A	N/A	ASP-12942 A-570-45	N/A	Replacement	NO
1/2" Angle	N/A	N/A	N/A	ASP-12927 A-36	N/A	Replacement	NO

7. Description of Work Installed plates and angles on existing supports 1-GSI-L78A, 1-GSI-R49, 1-GSI-L50, 1-GSI-L140 in order to upgrade supports to their intended design.
8. Tests 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.

(12/82)

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



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

MEI-5075
ATTACHMENT NO. 2

Sheet 2 of 2

FORM NIS-2 (Back)

9. Remarks Performed minor modifications to existing supports 1-GSI-L78A, 1-GSI-R49,
1-GSI-L50, 1-GSI-L140 by installing plates and angles in order to upgrade supports to
their intended design. J.O.# A57438 / RFC-01-3049
ASME CLASS II / ISI CLASS II

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Gada Davis Project Eng. Date 2-11, 19 91
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of Michigan and employed by Arkwright Mutual Ins. Co. * of
Norwood, Mass. have inspected the components described
in this Owner's Report during the period 10-23-90 to , and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MA Matosopaul Commissions Mich 555, EN & NIT
Inspector's Signature National Board, State, Province, and Endorsements
Date 2-12, 19 91 *Factory Mutual System

(12/82)

