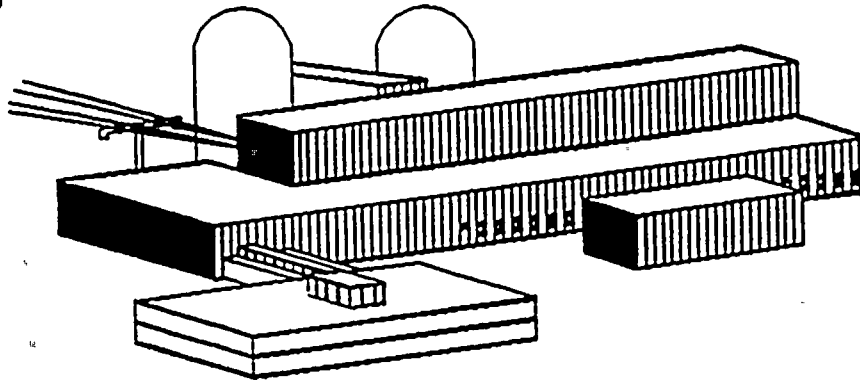
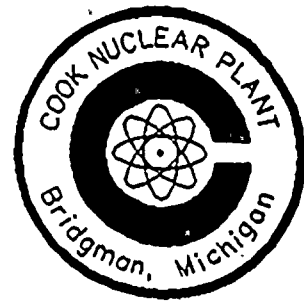




INDIANA  
MICHIGAN  
POWER



*DONALD C. COOK  
NUCLEAR PLANT*

*UNIT 1*

*REPORT OF INSERVICE INSPECTIONS*

*FROM JANUARY 27, 1991  
THROUGH OCTOBER 28, 1992*

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 JANUARY 27, 1991 TO OCTOBER 28, 1992

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Section 5	System Pressure Tests
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INDIANA MICHIGAN POWER COMPANY  
COOK NUCLEAR PLANT, BRIDGMAN, MI.  
UNIT 1 COMMERCIAL SERVICE DATE 8-23-1975  
NATIONAL BOARD NUMBER 20761

INTRODUCTION

This report summarizes the Inservice Inspection activities performed at the Cook Nuclear Plant, Unit 1 for the period of January 27, 1991 through October 28, 1992. 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 (January 26, 1991) are included in this report. Repairs and replacements are also included in this report per the requirements of the 1983 Edition of ASME Section XI IWA-6220(b)10. Also, contained within this report are the supplemental information requirements of IWA-6220.

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

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

As required by the Provisions of the ASME Code Rules

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Combustion Engineering	CE 66105	M 96762 M	20761
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 1-4	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 HX East	Yuba	69-G-226-1A	-	-
Boron Injection Tank	Struthers-Wells Corp.	Spin No. AEP-SIATBI-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 06/16/92 to 10/28/92 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 Jan 20 19 93 Signed I&M Power Company By Chris A Frey  
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 Mutual Ins. Co. of Norwood, Mass have inspected the components described in this Owners' Data Report during the period 6/16/92 to 10/28/92, 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 January 21 19 93

\* FACTORY MUTUAL ENGINEERING ASSOCIATION

Michael R. McIntosh  
Inspector's Signature

Commissions Michigan 0055, ENR N&T  
National Board, State, Province and No.

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

EXAMINATION OF CLASS 1 AND CLASS 2 COMPONENTS

Inservice examinations were performed during the 1992 Unit 1 Refueling Outage during the period of January 27, 1991 through October 28, 1992. 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.

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

A reactor vessel visual examination was performed of areas accessible during a normal refueling outage. In addition, the upper internals and accessible areas of the lower internals was visually examined. No recordable indications were noted.

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. However, some of the pipe supports were repaired to be in accordance with the original design intent.

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

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

DATE: 01/07/78 NATIONAL BOARD NUMBER 20761 COOK NUCLEAR PLANT UNIT 1

PAGE: 2

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SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 1 COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY EXAMINATION AREA		ASME	EXAM		N	O	REMARKS
NUMBER	IDENTIFICATION	SEC. XI	METHOD	PROCEDURE	O	G	
		CATGY			R	E	
		ITEM NO			E	O	
					C	H	**CALIBRATION BLOCK**
-----							
<u>LINE 1-RC-10 (FIG NO A-15)</u>							
038400	1-RC-10-07S PIPE TO TEE	B-J	UT45	DCC-UT31/1/0/	X	-	SWRI - AUGMENTED EXAM FOR NRCB 88-08.  **3378027 (4-SS-120-.430)**
		B9.11	UT45T	1 & 3	X	-	
			UT60		X	-	
			UT60T		X	-	
038500	1-RC-10-08F TEE TO PIPE	B-J	UT45	DCC-UT31/1/0/	X	-	SWRI - AUGMENTED EXAM FOR NRCB 88-08.  **3378027 (4-SS-120-.430)**
		B9.11	UT45T	1 & 3	X	-	
			UT60		X	-	
			UT60T		X	-	
038600	1-RC-10-09F TEE TO PIPE	B-J	UT45	DCC-UT31/1/0/	X	-	SWRI - AUGMENTED EXAM FOR NRCB 88-08.  **3378027 (4-SS-120-.430)**
		B9.11	UT45T	1 & 3	X	-	
			UT60		X	-	
			UT60T		X	-	
038700	1-RC-10-10S PIPE TO ELBOW	B-J	UT45	DCC-UT31/1/0/	X	-	SWRI - AUGMENTED EXAM FOR NRCB 88-08.  **3378027 (4-SS-120-.430)**
		B9.11	UT45T	1 & 3	X	-	
			UT60		X	-	
			UT60T		X	-	

DOWNS MICHIGAN POWER COMPANY  
 D.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
 UNIT 1 COMMERCIAL SERVICE DATE 8-23-1975  
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DATE: 01/07/93  
 REVISION: 0

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COOK NUCLEAR PLANT UNIT 1  
 SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
 OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
 CLASS 1 COMPONENTS

SAFETY INJECTION SYSTEM

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

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

093500	1-SI-23-05F	B-K-1	PT	12SHP5050NDE001	-	-	X	J.O. C412 - PT LINEAR INDICATION 9/16"
	COLLAR TO PIPE	B10.10	UTOL	DCC-UT49/1/0/1	X	-	-	LONG. SWRI - LINEAR INDICATION EXAMINED
			UT45	DCC-UT31/1/0/3	X	-	-	BY UT METHOD IN ACCORDANCE WITH
								IWB-3516.1 PARA. (C) AND FOUND TO BE
								ACCEPTABLE.

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

117600	1-SI-546-31S	B-K-1	PT	12SHP5050NDE001	X	-	-	J.O. C412 - LIMITED EXAM AREA DUE TO
	COLLAR TO PIPE	B10.10						BOLTING.

COOK NUCLEAR PLANT UNIT 1

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## CLASS 1 COMPONENTS

## CHEMICAL AND VOLUME CONTROL SYSTEM

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

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

**J.O. C412**

D.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 1 COMPONENTS

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REACTOR COOLANT PUMP NO. 11

**SUMMARY EXAMINATION AREA**  
**NUMBER IDENTIFICATION**

**ASME  
SEC. XI**

CATGY	EXAM
-------	------

ITEM NO

## EXAM METHOD

## PROCEDURE

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

REMARKS

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

PUMP FLYWHEEL (FIG NO A-64)

**148700 FLYWHEEL  
(WHEN REMOVED)**

--  
RG1.14

PT  
HT  
UTOL

DCC-PT1/0/0/0  
DCC-MT1/0/0/0  
DCC-UT49/1/0/0

X	-	-
X	-	-
X	-	-

**SWRI**

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

AMERICAN INDIAN POWER COMPANY  
 D.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
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**COOK NUCLEAR PLANT UNIT 1**

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**SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 1 COMPONENTS**

REACTOR COOLANT PUMP NO. 14

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**
<u>PUMP FLYWHEEL (FIG NO A-64)</u>							
151100	FLYWHEEL	--	PT	DCC-PT1/0/0/0	X	-	SWRI - LINEAR INDICATIONS FOUND OUTSIDE
	(WHEN REMOVED)	RG1.14	MT	DCC-MT1/0/0/0	X	-	OF EXAMINATION AREA ON A RATCHET PAWL.
			UTOL	DCC-UT49/1/0/0	X	-	RATCHET PAWL WAS REPLACED.
							**RC-FLYWHEEL-CS-31-DCC**

**VALVE PRESSURE RETAINING BOLTING (2" AND LESS)**

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

LINE 1-SI-29 (FIG NO A-37)

225100	SI-170-L1	B-G-2	VT-1	12SHP5050NDE006	X	-	-	J.O. C412
	FLANGE BOLTING	B7.70						

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

225700	SI-170-L4	B-G-2	VT-1	12SHP5050NDE006	X	-	-	J.O. C412
	FLANGE BOLTING	B7.70						

LINE 1-RH-27 (FIG NO A-57)

226200	RH-133	B-G-2	VT-1	12SHP5050NDE006	X	-	-	J.O. C412
	FLANGE BOLTING	B7.70						



U.C. COOK NUCLEAR PLANT, BRIDGEMAN, MI  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

STEAM GENERATOR NO. 12

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

CIRCUMFERENTIAL WELDS (FIG NO B-2)

300120	STM-12-05 STUB BARREL TO SHELL	C-A	UTOW	DCC-UT49/1/0/1	X - -	SWRI - AUGMENTED 35 DEG. ANGLE BEAM EXAMINATION FOR ADDITIONAL COVERAGE.
		C1.10	UTOL		X - -	
			UT35	DCC-UT15/2/0/1	X - -	
			UT45		X - -	
			UT45T		X - -	**PL-3.0-CS-22-DCC**
			UT60		X - -	
			UT60T		X - -	

NOZZLE INSIDE RADIUS SECTIONS (FIG NO B-2)

300210	STM-12-HSN-IRS INSIDE RADIUS SECTION	C-8 C2.22	UT30RL	DCC-UT11/1/0/1	X - -	SWRI
						**IR-CS-33-DCC**

DATE: 01/19/93  
REVISION: 0

COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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STEAM GENERATOR NO. 13

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

CIRCUMFERENTIAL WELDS (FIG NO B-3)

300260	STM-13-08	C-A	UTOW	DCC-UT49/1/0/1	X	-	-	SWR1 - UT35 ANGLE BEAM USED FOR
	TRANSITION CONE TO SHELL	C1.10	UT35	DCC-UT15/2/0/1	-	-	X	ADDITIONAL COVERAGE DUE TO RESTRICTED
			UT45		-	-	X	ACCESS. UT35 AND UT45 INDICATIONS ARE
			UT45T		-	-	X	CODE ACCEPTABLE SPOT REFLECTOR FROM THE
			UT60		X	-	-	INSIDE SURFACE.
			UT60T		X	-	-	**PL-3.0-CS-22-DCC**

INDIANA MICHIGAN POWER COMPANY  
D.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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REGENERATIVE HEAT EXCHANGER

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

-----

CIRCUMFERENTIAL WELDS (FIG NO B-5)

300480	RHE-1-13	C-A	UTOW	DCC-UT49/1/0/1	X	-	-	SWRI - LIMITED EXAM DUE TO PROXIMITY OF
	CAP TO SHELL	C1.20	UTOL		X	-	-	BRANCH CONNECTION.
			UT45RL	DCC-UT30/0/0/1	X	-	-	
			UT45TRL		X	-	-	
								**9.625-CCSS-X-1.0-2-DCC**
300490	RHE-1-16	C-A	UTOW	DCC-UT49/1/0/1	X	-	-	SWRI - LIMITED EXAM DUE TO WELDED
	SHELL TO TUBE SHEET	C1.30	UTOL		X	-	-	SUPPORT AND BRANCH CONNECTION.
			UT45RL	DCC-UT30/0/0/1	X	-	-	
			UT45TRL		X	-	-	
								**9.625-CCSS-X-1.0-2-DCC**

INDIANA MICHIGAN POWER COMPANY  
D.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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CHEMICAL AND VOLUME CONTROL TANK

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

INTEGRALLY WELDED VESSEL SUPPORTS (FIG NO B-6)

300720	1-CVCT-2VS-7, 8, & 9	C-C	PT	12SHP5050NDE001	X	-	-	J.O. C426
		C3.10						

INDIANA MICHIGAN POWER COMPANY  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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CTS HEAT EXCHANGER EAST

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

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

300733	E-CTSHX-IN	C-B	PT	12SHP5050NDE001	X	-	-	J.O. C426
	NOZZLE TO SHELL	C2.11						

INDIANA MICHIGAN POWER COMPANY  
D.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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BORON INJECTION TANK

				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-9)

300890	1-BIT-B	C-A	UT0L	DCC-UT49/1/0/1	X	-	-	SWRI
	SHELL TO UPPER HEAD	C1.20	UT0W		X	-	-	
			UT45	DCC-UT15/2/0/1	X	-	-	
			UT45T		X	-	-	
			UT60		X	-	-	**PL-3.0-CSCL-4-DCC**
			UT60T		X	-	-	

INDIANA MICHIGAN POWER COMPANY  
D.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

PAGE: 14

EMERGENCY CORE COOLING SYSTEM

SUMMARY EXAMINATION AREA		ASME			H	O	
		SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
NUMBER	IDENTIFICATION				C	M	R
							REMARKS
							**CALIBRATION BLOCK**
<u>LINE 1-SI-2 (FIG NO B-10)</u>							
300965	1-SI-2-02S-LU PIPE LONGITUDINAL WELD	C-F C5.22	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X X X X	- - - -	SWRI - EXAMINED 2.5T OF WELD LENGTH.    **18-SS-40-.562-32-DCC**
300970	1-SI-2-02S PIPE TO ELBOW	C-F C5.21	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X X X X	- - - -	SWRI    **18-SS-40-.562-32-DCC**
300971	1-SI-2-02S-LDI PIPE LONGITUDINAL WELD	C-F C5.22	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X X - X	- - X -	SWRI - EXAMINED 2.5T OF WELD LENGTH.    **18-SS-40-.562-32-DCC**
300972	1-SI-2-02S-LDO PIPE LONGITUDINAL WELD	C-F C5.22	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X X X X	- - - -	SWRI - EXAMINED 2.5T OF WELD LENGTH.    **18-SS-40-.562-32-DCC**
<u>LINE 1-SI-3 (FIG NO B-11)</u>							
301545	1-SI-3-04S-LU PIPE LONGITUDINAL WELD	C-F C5.22	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X X X X	- - - -	SWRI - EXAMINED 2.5T OF WELD LENGTH    **18-SS-40-.562-32-DCC**
301550	1-SI-3-04S PIPE TO ELBOW	C-F C5.21	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X X - X	- - X -	SWRI    **18-SS-40-.562-32-DCC**

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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
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CLASS 2 COMPONENTS

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EMERGENCY CORE COOLING SYSTEM

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

REMARKS  
\*\*CALIBRATION BLOCK\*\*

LINE 1-SI-3 (FIG NO B-11)

301551	1-SI-3-04S-LDI PIPE LONGITUDINAL WELD	C-F C5.22	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X - - X - - X - - X - -	SWRI - EXAMINED 2.5T OF WELD LENGTH.    **18-SS-40-.562-32-DCC**
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301552	1-SI-3-04S-LDO PIPE LONGITUDINAL WELD	C-F C5.22	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X - - X - - X - - X - -	SWRI - EXAMINED 2.5T OF WELD LENGTH.    **18-SS-40-.562-32-DCC**
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LINE 1-SI-21 (FIG NO B-14)

302645	1-SI-21-13S-HL 1 THROUGH 4 HANGER LUG	C-C C3.20	PT	12SHP5050NDE001	X - -	J.O. C412
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LINE 1-SI-25 (FIG NO B-16)

302900	1-SI-25-03S ELBOW TO PIPE	C-F C5.21	PT UTOL UT45 UT45T	DCC-PT1//0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X - - X - - - X X X - -	SWRI - UT45 INDICATIONS ARE CODE ALLOWABLE INDICATIONS FROM THE INSIDE SURFACE.  **3378029 (8-SS-140-.81)**
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LINE 1-SI-71 (FIG NO B-24)

304410	1-SI-71-01S TEE TO ELBOW	C-F C5.21	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X - - X - - - X - X - -	SWRI    **3378029 (8-SS-140-.81)**
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COOK NUCLEAR PLANT UNIT 1  
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EMERGENCY CORE COOLING SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
NUMBER	IDENTIFICATION	SEC. XI			O	G	T
		CATGY	EXAM		R	E	H
		ITEM NO	METHOD	PROCEDURE	E	O	E
					C	H	R
							REMARKS
							**CALIBRATION BLOCK**
-----							
<u>LINE 1-RH-3 (FIG NO B-27)</u>							
305560	1-RH-3-17S REDUCER TO TEE	C-F C5.11	PT	12SHP5050NDE001	X	-	J.O. C426
<u>LINE 1-RH-4 (FIG NO B-28)</u>							
305830	1-RH-4-14S ELBOW TO PIPE	C-F C5.11	PT	12SHP5050NDE001	X	-	J.O. C426
<u>LINE 1-RH-7 (FIG NO B-31)</u>							
307090	1-RH-7-25F PIPE TO ELBOW	C-F C5.21	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X X -	- - X	SWRI
					X	-	**3378029 (8-SS-140-.81)**
<u>LINE 1-RH-8 (FIG NO B-32)</u>							
307180	1-RH-8-06S TEE TO VALVE	C-F C5.11	PT	12SHP5050NDE001	X	-	J.O. C426
307250	1-RH-8-13F VALVE TO ELBOW	C-F C5.21	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT31/1/0/3	X X -	- - X	SWRI
					X	-	**3378029 (8-SS-140-.81)**
<u>LINE 1-RH-10 (FIG NO B-34)</u>							
307960	1-RH-10-15S PIPE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	J.O. C426

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CLASS 2 COMPONENTS

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EMERGENCY CORE COOLING SYSTEM

SUMMARY EXAMINATION AREA		ASME			N	O	
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM		O	G T
		ITEM NO	METHOD	PROCEDURE		R	E H
						E	O E
						C	M R
							REMARKS
							**CALIBRATION BLOCK**
<u>LINE 1-RH-27 (FIG NO B-36)</u>							
308220	1-RH-27-08F	C-F	PT	12SHP5050NDE001	X	-	J.O. C412
	ELBOW TO VALVE	C5.11					

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COOK NUCLEAR PLANT UNIT 1  
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CLASS 2 COMPONENTS

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CHEMICAL AND VOLUME CONTROL SYSTEM

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

LINE 1-CS-33 (FIG NO 8-39)

308470	1-CS-33-15F	C-F	PT	12SHP5050NDE001	X	-	-	J.O. C426
	ELBOW TO PIPE	C5.11						

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COOK NUCLEAR PLANT UNIT 1  
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CONTAINMENT SPRAY PIPING

SUMMARY EXAMINATION AREA		ASME				N	O	
NUMBER	IDENTIFICATION	SEC. XI				O	G	T
		CATGY	EXAM			R	E	H
		ITEM NO	METHOD	PROCEDURE		E	O	E
						C	H	R
						-	-	-
REMARKS								
**CALIBRATION BLOCK**								
-----								
<u>LINE 1-CTS-1 (FIG NO B-41)</u>								
308970	1-CTS-1-16S TEE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. C426
<u>LINE 1-CTS-2 (FIG NO B-42)</u>								
309240	1-CTS-2-07S REDUCER TO PIPE	C-F C5.11	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT35/1/0/0	X X X X	- - - -	- - - -	SWRI    **6-SS-40-.280-28-DCC**
309360	1-CTS-2-18F FLANGE TO PIPE	C-F C5.11	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT35/1/0/0	X X X X	- - - -	- - - -	SWRI    **6-SS-40-.280-28-DCC**
<u>LINE 1-CTS-5 (FIG NO B-45)</u>								
310150	1-CTS-5-03S PIPE TO ELBOW	C-F C5.11	PT UTOL UT45 UT45T	DCC-PT1/0/0/0 DCC-UT49/1/0/1 DCC-UT35/1/0/0	X X X X	- - - -	- - - -	SWRI    **10-SS-40-.365-26-DCC**
310180	1-CTS-5-06S TEE TO ELBOW	C-F C5.11	PT	12SHP5050NDE001	X	-	-	J.O. C426

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CLASS 2 COMPONENTS

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MAIN STEAM SYSTEM

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

LINE 1-MS-2 (FIG NO B-60)

313340	1-MS-2-01S-PS	C-C	MT	12SHP5050NDE002	X	-	-	J.O. C426
	PIPE TO PENETRATION SEAL WELD	C3.20						

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CLASS 2 COMPONENTS

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MAIN STEAM ISOLATION VALVE-LINE 1-MS-11

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

INTEGRALLY WELDED SUPPORTS (FIG NO B-73,B-74)

317180	HSIV-MRV-230-S2	C-C	MT	12SHP5050NDE002	X	-	-	J.O. C426 - LIMITED EXAM DUE TO SUPPORT CONFIGURATION.
		C3.40						

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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 3 COMPONENTS

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CTS HEAT EXCHANGER EAST

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

INTEGRALLY WELDED VESSEL SUPPORTS (FIG NO B-7)

400020	E-CTSHX-3VS VESSEL SUPPORT	D-B D2.20	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
400030	E-CTSHX-4VS VESSEL SUPPORT	D-B D2.20	VT-3	12SHP5050NDE006	X	-	-	J.O. C426

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## REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O G T O G T R E H E O E C H R			REMARKS **CALIBRATION BLOCK**
<u>LINE 1-RC-6 (FIG NO A-11A)</u>								
610100	1-GRC-R-605 REV. 3 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C412
610200	1-GRC-C-606 REV. 4 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	X X	- -	- -	J.O. C412
<u>LINE 1-RC-6 (FIG NO A-11B)</u>								
610700	1-GRC-C-611 REV. 4 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	X X	- -	- -	J.O. C412
<u>LINE 1-RC-12 (FIG NO A-17)</u>								
614300	1-GRC-R-520 REV. 4 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C412
614400	1-GRC-R-501 REV. 5 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP5050NDE006	-	-	X	J.O. C412 - PROBLEM REPORT PR92-1171; DESIGN/AS-FOUND DISCREPANCY. ACCEPTABLE PER AEPSC/S&ADNS.
614500	1-GRC-R-525 REV. 4 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C412
<u>LINE 1-RC-13 (FIG NO A-18)</u>								
614600	1-GRC-R-536 REV. 2 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP5050NDE006	-	-	X	J.O. C412 - HANGER ROD RUBBING AGAINST SUPPORT 1-GRC-R-535. HANGER WAS REPAIRED AND REEXAMINED UNDER J.O. C12328.



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COOK NUCLEAR PLANT UNIT 1  
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CLASS 1 COMPONENTS

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REACTOR COOLANT SYSTEM

SUMMARY EXAMINATION AREA		ASME			N O		REMARKS				
NUMBER	IDENTIFICATION	SEC. XI	EXAM	METHOD	PROCEDURE	O G T					
		CATGY				R E H					
		ITEM NO				E O E					
						C M R					
-----							***CALIBRATION BLOCK**				
<u>LINE 1-RC-13 (FIG NO A-18)</u>											
614700	1-GRC-R-535 REV. 2 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3		12SHP5050NDE006	- - X	J.O. C412 - PROBLEM REPORT PR92-1172; DESIGN/AS-FOUND DISCREPANCY. DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET ORIGINAL DESIGN INTENT.				
<u>LINE 1-RC-14 (FIG NO A-19A)</u>											
615600	1-GRC-R-554 REV. 4 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3		12SHP5050NDE006	X - -	J.O. C412				
<u>LINE 1-RC-501 (FIG NO A-22)</u>											
617050	1-GRC-R-551 REV. 4 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3		12SHP5050NDE006	X - -	J.O. C412				
<u>LINE 1-RC-504 (FIG NO A-23)</u>											
617100	1-GRC-R-542 REV. 4 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3		12SHP5050NDE006	X - -	J.O. C412				
<u>LINE 1-RC-507 (FIG NO A-26)</u>											
617600	1-GRC-R-559 REV. 4 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3		12SHP5050NDE006	X - -	J.O. C412				
<u>LINE 1-RC-508 (FIG NO A-27)</u>											
617700	1-GRC-R-579 REV. 1 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3		12SHP5050NDE006	X - -	J.O. C412				

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CLASS 1 COMPONENTS

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REACTOR COOLANT SYSTEM

SUMMARY EXAMINATION AREA	ASME								
NUMBER IDENTIFICATION	SEC. XI	CATGY	EXAM						
	ITEM NO	METHOD	PROCEDURE						

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

617900	1-GRC-R-580 REV. 3	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C412
	PIPE SUPPORT COMPONENTS	F2.00						
618000	1-GRC-R-581 REV. 3	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C412
	PIPE SUPPORT COMPONENTS	F2.00						

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COOK NUCLEAR PLANT UNIT 1  
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CLASS 1 COMPONENTS

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EMERGENCY CORE COOLING SYSTEM

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

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

623900	1-GSI-R-704 REV. 2	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C412
	PIPE SUPPORT COMPONENTS	F3.00						
624000	1-GSI-R-703 REV. 1	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C412
	PIPE SUPPORT COMPONENTS	F2.00						

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### CHEMICAL AND VOLUME CONTROL SYSTEM

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

LINE 1-CS-96 (FIG NO A-46)

631200	1-GCS-R-543 REV. 3 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP5050NDE006	- - X	J.O. C412 - PROBLEM REPORT PR92-1189; DESIGN/AS-FOUND DISCREPANCY. DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET THE ORIGINAL DESIGN INTENT.
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631300	1-GCS-R-542 REV. 3 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3	12SHP5050NDE006	- - X	J.O. C412 - PROBLEM REPORT PR92-1188; DESIGN/AS-FOUND DISCREPANCY. DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET THE ORIGINAL DESIGN INTENT.
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**LINE 1-CS-780 (FIG NO A-56)**

632550 1-GCS-R-515 REV. 6 F-C VT-3 12SHP5050NDE006 X - - J.O. C412  
PIPE SUPPORT COMPONENTS F3.00

639300	1-GCS-R-600 REV. 5	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C412
	PIPE SUPPORT COMPONENTS	F2.00						

### CHEMICAL AND VOLUME CONTROL TANK

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

### COMPONENT SUPPORTS (FIG NO B-6)

700100	1-CVCT-SC-4	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
		F2.00						

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RHR HEAT EXCHANGER EAST

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

COMPONENT SUPPORTS (FIG NO B-8)

700160	E-RHRHEX-SC-2	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
		F2.00						

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BORON INJECTION TANK

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

COMPONENT SUPPORTS (FIG NO B-9)

700220	1-BIT-SC-4	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
		F2.00						

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SUMMARY EXAMINATION AREA		ASME			H O			REMARKS		
NUMBER	IDENTIFICATION	SEC. XI			O	G	T			
		CATGY	EXAM		R	E	H			
		ITEM NO	METHOD	PROCEDURE	E	O	E			
					C	H	R			
*****										
<u>LINE 1-SI-2 (FIG NO B-10)</u>										
701250	1-GSI-R-120 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. C426 - PROBLEM REPORT PR92-1192; DESIGN/AS-FOUND DISCREPANCY. DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET THE ORIGINAL DESIGN INTENT.		
<u>LINE 1-SI-3 (FIG NO B-11)</u>										
701640	1-GCTS-R-77 REV. 7 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C426		
701810	1-GCTS-R-67 REV. 5 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C426		
701950	1-GSI-R-102 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. C426 - PROBLEM REPORT PR92-1102; DESIGN/AS-FOUND DISCREPANCY. ACCEPTABLE PER AEPSC/S&ADNS.		
<u>LINE 1-SI-4 (FIG NO B-12)</u>										
702260	1-GRH-V-53 REV. 2 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	X	-	-	J.O. C426 - PROBLEM REPORT PR92-1069; DESIGN/AS-FOUND DISCREPANCY. DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET THE ORIGINAL DESIGN INTENT.		
702270	1-GRH-R-60 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. C426 - PROBLEM REPORT PR92-1068; DESIGN/AS-FOUND DISCREPANCY. ACCEPTABLE PER AEPSC/S&ADNS.		
702280	1-GRH-R-52 REV. 6 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. C426 - PROBLEM REPORT PR92-1070; DESIGN/AS-FOUND DISCREPANCY. ACCEPTABLE PER AEPSC/S&ADNS.		

INDIANA MICHIGAN POWER COMPANY  
D.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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EMERGENCY CORE COOLING SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY	EXAM ITEM NO METHOD	PROCEDURE	N O O G T R E H E O E C H R			REMARKS
					-	-	-	**CALIBRATION BLOCK**
<u>LINE 1-RH-1 (FIG NO B-25)</u>								
704950	1-GRH-R-12 REV. 7 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
<u>LINE 1-RH-2 (FIG NO B-26)</u>								
705140	1-GRH-R-1 REV. 5 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
705150	1-GRH-R-35 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. C426 - PROBLEM REPORT PR92-1100; DESIGN/AS-FOUND DISCREPANCY. ACCEPTABLE PER AEPSC/S&ADNS.
<u>LINE 1-RH-3 (FIG NO B-27)</u>								
705260	1-GRH-V-14 REV. 4 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	X	-	-	J.O. C426
<u>LINE 1-RH-6 (FIG NO B-30)</u>								
706610	1-GCTS-R-12 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
706620	1-GCTS-L-13 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. C426 - PROBLEM REPORT PR92-1190; DESIGN/AS-FOUND DISCREPANCY. DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET THE ORIGINAL DESIGN INTENT.
706640	1-GCTS-R-14 REV. 3 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C426

INDIANA MICHIGAN POWER COMPANY  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), 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				O	G	T
	CATGY EXAM				R	E	H
	ITEM NO METHOD	PROCEDURE			E	O	E
					C	H	R
					-	-	-
							REMARKS
							**CALIBRATION BLOCK**

LINE 1-RH-7 (FIG NO B-31)

706750	1-GRH-L-42 REV. 4 PIPE RESTRAINT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
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706760	1-GRH-R-19 REV. 5 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
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706850	1-GSI-R-49 REV. 4 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
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LINE 1-RH-10 (FIG NO B-34)

707840	1-GSI-L-21 REV. 6 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. C426 - PROBLEM REPORT PR92-1101; DESIGN/AS-FOUND DISCREPANCY. DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET THE ORIGINAL DESIGN INTENT.
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707920	1-GSI-R-20 REV. 1 PIPE SUPPORT COMPONENT	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
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707930	1-GSI-V-18 REV. 3 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	-	-	X	J.O. C426 - MISSING NUT REPLACED AND REEXAMINED UNDER J.O. C10662.
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DIANA MICHIGAN POWER COMPANY  
D.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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CHEMICAL AND VOLUME CONTROL SYSTEM

SUMMARY EXAMINATION AREA	ASME				H	O	
NUMBER IDENTIFICATION	SEC. XI				O	G	T
	CATGY	EXAM			R	E	H
	ITEM NO	METHOD	PROCEDURE		E	O	E
					C	H	R
<u>LINE 1-CS-33 (FIG NO B-39)</u>							
718400	1-GCS-V-103A REV. 3 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	-	-	X
					X	-	-
							J.O. C426 - MISSING NUT REPLACED AND REEXAMINED UNDER J.O. C10620.
<u>LINE 1-CS-35 (FIG NO B-40)</u>							
718500	1-GCS-V-108A REV. 3 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	-	-	X
					X	-	-
							J.O. C426 - PROBLEM REPORT PR92-1026; MISSING NUT AND ONE BOLT NUT FLUSH WITH PLATE. REPAIRED AND REEXAMINED.
718600	1-GCS-R-108 REV. 5 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-
							J.O. C426
718700	1-GCS-R-107A REV. 2 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X
							J.O. C426 - PROBLEM REPORT PR92-1011; DESIGN/AS-FOUND DISCREPANCY. DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET THE ORIGINAL DESIGN INTENT.

DIANA MICHIGAN POWER COMPANY  
O.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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CONTAINMENT SPRAY SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E O C G T E H M R	REMARKS **CALIBRATION BLOCK**
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LINE 1-CTS-1 (FIG NO B-41)

719020	1-GCTS-R-17 REV. 6 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C426
719030	1-GCTS-R-18 REV. 4 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	- - X	J.O. C426 - PROBLEM REPORT PR92-1217; DESIGN/AS-FOUND DISCREPANCY. ACCEPTABLE PER AEPSC/S&ADNS.

LINE 1-CTS-3 (FIG NO B-43)

719610	1-GCTS-L-32 REV. 7 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C426
719680	1-GCTS-R-63 REV. 3 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C426
719690	1-GCTS-L-64 REV. 4 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	- - X	J.O. C426 - PROBLEM REPORT PR92-1216; DESIGN/AS-FOUND DISCREPANCY. ACCEPTABLE PER AEPSC/S&ADNS.
719700	1-GCTS-R-65 REV. 4 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C426
719730	1-GCTS-R-66 REV. 5 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C426

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

719810	1-GCTS-R-23 REV. 2 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C426
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DIANA MICHIGAN POWER COMPANY  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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CONTAINMENT SPRAY SYSTEM

SUMMARY EXAMINATION AREA		ASME				N	O	
		SEC. XI				O	G	T
		CATGY	EXAM			R	E	H
		ITEM NO	METHOD	PROCEDURE		E	O	E
NUMBER	IDENTIFICATION					C	M	R
								REMARKS
								**CALIBRATION BLOCK**
<u>LINE 1-CTS-4 (FIG NO B-44)</u>								
719830	1-GCTS-R-24 REV. 5 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C426		
719840	1-GCTS-R-25 REV. 4 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	- - X	J.O. C426 - PROBLEM REPORT PR92-1010; DESIGN/AS-FOUND DISCREPANCY. DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET THE ORIGINAL DESIGN INTENT.		
719860	1-GCTS-L-54 REV. 3 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C426		
719920	1-GCTS-V-26 REV. 2 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	- - X X - -	J.O. C426 - MISSING CONCRETE FASTENER: NEVER INSTALLED. REPAIRED AND REEXAMINED UNDER J.O. C10431.		
719930	1-GCTS-V-27 REV. 5 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	X - - X - -	J.O. C426		
<u>LINE 1-CTS-5 (FIG NO B-44)</u>								
720240	1-GCTS-R-33 REV. 7 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C426		
<u>LINE 1-CTS-6 (FIG NO B-46)</u>								
720490	1-GCTS-L-55 REV. 4 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X - -	J.O. C426		

JIANA MICHIGAN POWER COMPANY  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
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CLASS 2 COMPONENTS

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CONTAINMENT SPRAY SYSTEM

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

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

720610	1-GCTS-R-37 REV. 4 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X	J.O. C426 - PROBLEM REPORT PR92-1012; DESIGN/AS-FOUND DISCREPANCY. ACCEPTABLE PER AEPSC/S&ADNS.
720640	1-GCTS-R-39 REV. 5 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
720650	1-GCTS-R-40 REV. 5 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C426

DIANA MICHIGAN POWER COMPANY  
J.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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FEEDWATER SYSTEM

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

LINE 1-FW-10 (FIG NO B-47)

726330	1-GFW-V-142 REV. 4 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	X	-	-	J.O. C426
726340	1-GFW-L-867 REV. 2 PIPE SUPPORT COMPONENT	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	-	-	X	J.O. C426 - PROBLEM REPORT PR92-1027; DESIGN/AS-FOUND DISCREPANCY. ACCEPTABLE PER AEPSC/S&ADNS.
726350	1-GFW-V-143 REV. 4 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	-	-	X	J.O. C426 - PROBLEM REPORT PR92-1028; DESIGN/AS-FOUND DISCREPANCY. DID NOT EFFECT SYSTEM OPERABILITY BUT WAS REPAIRED TO MEET THE ORIGINAL DESIGN INTENT.
726370	1-GFW-V-145 REV. 5 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	X	-	-	J.O. C426

LINE 1-FW-18 (FIG NO B-54)

726850	1-FW-H-4 REV. 4 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	X	-	-	J.O. C412
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LINE 1-FW-27 (FIG NO B-56)

726960	1-GFW-L-842 REV. 1 PIPE RESTRAINT COMPONENT	F-C F3.00	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
726970	1-GFW-V-807 REV. 2 PIPE SUPPORT COMPONENTS	F-C F3.00	VT-3 VT-4	12SHP5050NDE006	X	-	-	J.O. C426

JIRNA MICHIGAN POWER COMPANY  
J.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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FEEDWATER SYSTEM

SUMMARY EXAMINATION AREA	ASME				N	O	
NUMBER IDENTIFICATION	SEC. XI	CATGY	EXAM	PROCEDURE	O	G	T
	ITEM NO	METHOD			R	E	H
					E	O	E
					C	H	R
<u>LINE 1-FW-27 (FIG NO B-56)</u>							
726980	1-GFW-L-808 REV. 1 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	X	-	-
							J.O. C426
726990	1-GFW-L-809 REV. 3 PIPE SUPPORT COMPONENTS	F-B F2.00	VT-3	12SHP5050NDE006	-	-	X
							J.O. C426 - PROBLEM REPORT PR92-1111; DESIGN/AS-FOUND DISCREPANCY. ACCEPTABLE PER AEPSC/S&ADNS.

INDIANA MICHIGAN POWER COMPANY  
J.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
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COOK NUCLEAR PLANT UNIT 1  
SUMMARY OF NONDESTRUCTIVE EXAMINATIONS  
OUTAGE 2 (1992), SECOND PERIOD, SECOND INTERVAL  
CLASS 2 COMPONENTS

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MAIN STEAM SYSTEM

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

MAIN STEAM ISOLATION VALVE-LINE 1-HS-11 (FIG NO B-73,B-74)

736093	HSIV-MRV-230-S1	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
	PIPE SUPPORT COMPONENTS	F2.00						

736097	HSIV-MRV-230-S2	F-B	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
	PIPE SUPPORT COMPONENTS	F2.00						

LINE 1-HS-191 (FIG NO B-69)

736280	1-GHS-R-836 REV. 2	F-B	VT-3	12SHP5050NDE006	-	-	X	J.O. C426 - PROBLEM REPORT PR92-1110;
	PIPE SUPPORT COMPONENTS	F2.00						DESIGN/AS-FOUND DISCREPANCY. DID NOT
								EFFECT SYSTEM OPERABILITY BUT WAS
								REPAIRED TO MEET THE ORIGINAL DESIGN
								INTENT.

736300	1-GHS-V-831 REV. 3	F-C	VT-3	12SHP5050NDE006	X	-	-	J.O. C426
	PIPE SUPPORT COMPONENTS	F3.00	VT-4		X	-	-	

JIRAH MICHIGAN POWER COMPANY  
J.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
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INDIANA MICHIGAN POWER COMPANY  
COOK NUCLEAR PLANT, BRIDGMAN, MI.  
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Technical Specification/Inservice Inspection  
Surveillance of Hydraulic Snubbers

INDIANA MICHIGAN POWER COMPANY  
A.C. COOK NUCLEAR PLANT, BRIDGMAN, MI  
UNIT 1 COMMERCIAL SERVICE DATE 8-23-1975  
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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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TS/ISI SNUBBER EXAMINATION AND TESTING

Snubber visual examinations 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.

Visual Examinations

<u>Category</u>	<u>Compl. Date</u>	<u>Comments/Results</u>
a.Grinnell "Accessible"	06-16-92	all acceptable
	09-25-92	all acceptable
b.Grinnell "Inaccessible"	08-27-92	all acceptable
	10-03-92	all acceptable
c.Steam Generator	07-18-92	all acceptable
	09-19-92	all acceptable

Functional Testing

<u>Category</u>	<u>Compl. Date</u>	<u>Comments/Results</u>
a.Grinnell	09-28-92	all acceptable, see attached sheet
b.Steam Generator	08-11-92	three tested, all acceptable, see attached sheet

INDIANA MICHIGAN POWER COMPANY  
C.C. COOK NUCLEAR PLANT, BRIDGMAN, MI.  
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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
<hr/>		

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

# 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-S564	08-21-92	08-27-92	Pass
1-GRC-S573	08-21-92	08-27-92	Pass
1-GRC-S592	08-18-92	08-26-92	Pass
*1-GRC-S614	08-22-92	09-08-92	Pass
*1-FW-S5	08-22-92	08-27-92	Pass
1-FW-S6	08-13-92	09-02-92	Pass
1-MSS-7	08-19-92	08-26-92	Pass
1-MSS-8	08-19-92	09-08-92	Pass
1-GCCW-S844	07-31-92	08-05-92	Pass
1-GSI-S128	08-06-92	08-14-92	Pass
1-GCTS-S160A(N)	08-14-92	08-20-92	Pass
1-GCTS-S161(E)	08-07-92	08-14-92	Pass
1-GCTS-S161(W)	08-07-92	08-14-92	Pass
S/N 25.12620.007-1	07-18-92	09-12-92	Pass
S/N 25.12620.007-5	07-18-92	09-12-92	Pass
S/N 25.12620.007-6	07-18-92	09-12-92	Pass

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

# UNIT 1 GRINNELL "INACCESSIBLE" SNUBBERS

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

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

44	1-MSS-6	184	639	4 X 5
45	1-MSS-7	349	635	3 1/4 X 5
46	1-MSS-8	356	639	4 X 5
70	1-GSI-S707	228	608	1 1/2 X 5

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



# UNIT 1 GRINNELL "ACCESSIBLE" SNUBBERS

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

## ISI LONG TERM PLAN SNUBBERS

1-GFW-S852  
1-GFW-S854  
1-GFW-S861  
1-GFW-S862  
1-GFW-S866

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

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

STEAM GENERATOR INSPECTIONS AND REPAIRS

Unit One Steam Generator inspections and repairs were performed from July 11, 1992 to September 11, 1992 in accordance with plant Technical Specifications. Eddy current bobbin coil testing was performed on 100% of the inservice tubes in all four steam generators. Selected areas of the tubes were also inspected with rotating pancake (RPC) probes. All tubes with indications exceeding Tech Spec limits were repaired either by sleeving or plugging. Listed below are the number of tubes repaired per steam generator:

Steam Generator 11:

827 sleeves installed in the hot leg  
135 tubes removed from service by plugging

Steam Generator 12:

180 sleeves installed in the hot leg  
96 tubes removed from service by plugging

Steam Generator 13:

459 sleeves installed in the hot leg  
72 tubes removed from service by plugging

Steam Generator 14:

374 sleeves installed in the hot leg  
51 tubes removed from service by plugging

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

### SYSTEM PRESSURE TESTS

Inservice Inspection System Pressure Tests were performed during the Summer 1992 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 thirty-eight (38) 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.006	Pressurizer and Reactor Head Post Accident Vents	2
**1-OHP 5070.ISI.009	Component Cooling Water; East and West Trains	2
**1-OHP 5070.ISI.010	Component Cooling Water Piping Misc Supply/Return Headers	1
**1-OHP 5070.ISI.011	Component Cooling Water Piping at CPN-25 and 72 serving CPN & CEQ Fan Motor Cooling	4
**1-OHP 5070.ISI.012	Component Cooling Water Piping Excess Letdown Heat Exchanger, RCP Thermal Barriers, Oil Coolers	3
**1-OHP 5070.ISI.013	Non-Essential Service Water: CPN's to/from Containment Ventilation Units	13
**1-OHP 5070.ISI.020	RHR: Normal Pump Suction	1

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

<u>PROCEDURE</u>	<u>DESCRIPTION</u>	<u>NUMBER OF TESTS COMPLETED</u>
**1-OHP 5070.ISI.023	Nitrogen Piping to Accumulators at CPN-32	1
**1-OHP 5070.ISI.045	Containment Purge Piping at CPN's 59,61,62,63,64,65	7
**1-OHP 5070.ISI.048	Plant and Control Air Piping at CPN's	4

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  
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 ELECTRIC COMPANY Date 10/26/91  
Name  
P.O. Box 60 Fort Wayne, Indiana 46801  
Address  
2. Plant Donald C. Cook Nuclear Plant Sheet 1 of 2  
Name  
One Cook Place, Bridgman, Michigan 49106  
Address  
J.O. #A54308  
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 SPENT FUEL PIT COOLING  
\*AEP Specifications / MDS Standards / ANSI B31.1-83 / AISI  
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 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)
1/2" Bolt	N/A	N/A	N/A	ASP #13237 SA-193GRB7	N/A	Replacement	NO
1/2" Nut	N/A	N/A	N/A	ASP #13276 SA-194 GR2H	N/A	Replacement	NO

7. Description of Work Replace 1/2" Bolt & Nut on support #1-GSF-R23

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

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Revision 2  
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J.O. #A54308

FORM 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 12-13-91  
P.O. Box 60 Fort Wayne, Indiana 46801  
2. Plant Donald C. Cook Nuclear Plant Unit 152  
One Cook Place, Bridgman, Michigan 49106  
J.O. # C0001926-01  
3. Work Performed by CINCO Trade Code Symbol Stamp V  
P.O. Box 218, Stevensville, MI, 49127 Authorization No. 0252-V  
Expiration Date 12-31-91  
4. Identification of System CHEMICAL AND VOLUME CONTROL  
\*AEP Specifications / MDS Standards / ANSI 331.1-83 / AISC  
5. (a) Applicable Construction Code \* \* \* \* \* Edition \* \* \* \* \* Addenda \* \* \* \* \* Code Case \* \* \* \* \*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 83 W/S 1983 ADDENDA

6. Identification of Components Required or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Required, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1/2" NUTS	N/A	N/A	N/A	ASP 134-9 SA-192	N/A	REPLACE'NT NO	
3" ANGLE	N/A	N/A	N/A	ASP-6988 SA-36	N/A	REPLACE'NT NO	

7. Description of Work REPLACED 3" ANGLE IRON CANTILEVER AND INSTALLED 1/2" NUTS TO RESTORE SUPPORT 12-ACS-L911 TO ITS INTENDED DESIGN.

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

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

12-821

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

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Revision 2

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FORM NIS-2 (Back)

9. Remarks REPLACEMENT OR 3" ANGLE CANTILEVER AND INSTALLATION OF 1/2" NUTS RESTORED  
Applicable Manufacturer's Data Reports to be attached  
SUPPORT 12-ACS-L911 TO ORIGINAL DESIGN CONFIGURATION.  
ASME CLASS II / ISI CLASS II J.O. # C0001926-01

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Arden P. Poirer, Project Engr. Date 12-16 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 12-16 to 12-16 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Arden P. Poirer Commission N/A  
Inspector's Signature National Board, State, Province, and endorsements

Date 12-16 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

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Revision 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 POWER COMPANY Date 1-4-92  
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. A23340 / RFE 3074  
Address Repair Org. 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 12/31/92
4. Identification of System CONTAINMENT SPRAY SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/2" PLATE	N/A	N/A	N/A	SA-36 ASP-12776	N/A	REPLACE- MENT	NO

7. Description of Work WELDED NEW 1/2" STIFFNER PLATES TO UPGRADE SUPPORT 1-GCTS-L54 TO MEET ITS DESIGN BASIS REQUIREMENTS.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

FORM NIS-2. (Back)

9. Remarks MODIFIED SUPPORT 1-GCTS-L54 TO MEET THE DESIGN BASIS  
Applicable Manufacturer's Data Reports to be attached

REQUIREMENTS.

ASME CLASS II / ISI CLASS II

J.O. A23340

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the 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 1-7, 19 92  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8/28/91 to 1-7-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date 1-7 19 92

\*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 1-4-92  
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. A23340 / REC 3074  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System CHEMICAL VOLUME CONTROL SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/2" PLATE	N/A	N/A	N/A	SA-36 ASP-12776	N/A	REPLACE- MENT	NO

7. Description of Work WELDED NEW 1/2" STIFFNER PLATES TO UPGRADE SUPPORT 1-GCS-R116 TO MEET ITS DESIGN BASIS REQUIREMENTS.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

## FORM NIS-2 (Back)

9. Remarks MODIFIED SUPPORT 1-GCS-R116 TO MEET THE DESIGN BASIS  
Applicable Manufacturer's Data Reports to be attached

REQUIREMENTS.ASME CLASS II / ISI CLASS IIJ.O. A23340

## CERTIFICATE OF COMPLIANCE

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

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

Signed Yordan P. P. Project Eng. Date 1-7, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8/23/91 to 1/7/92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Waterspaul Commissions MICH 555 END NET  
 Inspector's Signature National Board, State, Province, Endorsements

Date 1-7 19 92

\*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 1-4-92  
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. A23340 / REC 3074  
Address Repair Org. P.O. No., Job No., etc

3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address

4. Identification of System RESIDUAL HEAT REMOVAL SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC

5. (a) Applicable Const. Code \* 19 Ed.,                      Add.                      Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/2" PLATE	N/A	N/A	N/A	SA-36 ASP-12776	N/A	REPLACE- MENT	NO

7. Description of Work WELDED NEW 1/2" STIFFNER PLATES TO UPGRADE SUPPORT 1-GRH-R12 TO MEET ITS DESIGN BASIS REQUIREMENTS.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

## FORM NIS-2 (Back)

9. Remarks MODIFIED SUPPORT 1-GRH-R12 TO MEET THE DESIGN BASISApplicable Manufacturer's Data Reports to be attachedREQUIREMENTS.ASME CLASS II / ISI CLASS IIJ.O. A23340

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned Gordon B. Brown Project Engr. Date 1-7, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2/28/91 to 1/7/92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 555-4END N.I.I  
 Inspector's Signature National Board, State, Province, Endorsements

Date 1-7 19 92

\*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 1-4-92  
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. A23340 / RFC 3074  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System SAFETY INJECTION SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/8" PLATE	N/A	N/A	N/A	SA-36 ASP-12776	N/A	REPLACE-MENT	NO
1/4" PLATE	N/A	N/A	N/A	SA-36 ASP-12509	N/A	REPLACE-MENT	NO
1/2" PLATE	N/A	N/A	N/A	SA-36 ASP-12776	N/A	REPLACE-MENT	NO
1/2" PLATE	N/A	N/A	N/A	SA-36 ASP-13963	N/A	REPLACE-MENT	NO
1/4" ANGLE	N/A	N/A	N/A	SA-36 ASP-11209	N/A	REPLACE-MENT	NO

7. Description of Work WELDED NEW STIFFNER PLATES AND ANGLE TO UPGRADE SUPPORTS 1-GSI-L149, 1-GSI-L153, 1-GSI-L154, 1-GSI-L101 TO MEET DESIGN.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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



## FORM NIS-2 (Back)

9. Remarks MODIFIED SUPPORTS TO MEET THEIR DESIGN BASIS REQUIREMENTS.Applicable Manufacturer's Data Reports to be attachedSUPPORTS 1-GSI-L149, 1-GSI-L153, 1-GSI-L154, & 1-GSI-L101.ASME CLASS II / ISI CLASS IIJ.O. A23340

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned Gordon Owen Project Eng. Date 1-7, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8/28/91 to 1/7/92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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.P. Matuszak Commissions Mich 0055 M END N.E.I.  
 Inspector's Signature National Board, State, Province, Endorsements

Date 1/7 19 92

\*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 2-6-92  
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. A000851  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System RESIDUAL HEAT REMOVAL SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GRH-L38	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO

7. Description of Work REMOVE SUPPORT 1-GRH-L38 FROM SYSTEM AND BLEND THE EXISTING TACK WELD FROM TRUNION ON 1-RH-4.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

## FORM NIS-2 (Back)

9. Remarks REMOVED SUPPORT 1-GRH-L38 FROM THE SYSTEM AND BLENDED THE TACK  
Applicable Manufacturer's Data Reports to be attached

WELDS THAT HAD ATTACHED THE TRUNION TO THE 12" 1-RH-4 PIPE.

ASME CLASS II / ISI CLASS II

J.O. A000851

## 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 [Signature] Date 2-6, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2-3-92 to 2-6-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 0055 Mich-555 ENR NFI  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Feb 6, 19 92

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 2-10-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-5468-4  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL SYSTEM  
\* AEP Specifications / Non-Code per FSAR 6.2-1
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
5/8" BOLT	N/A	N/A	N/A	SA-193 B 8 ASP-4458	N/A	REPLACE- MENT	NO
5/8" NUT	N/A	N/A	N/A	SA-194 Gr 8F ASP-14373	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL 20 NEW 5/8" BOLTS AND NUTS ON THE UPPER MANWAY COVER ON TOP OF 1-TK-33.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

## FORM NIS-2 (Back)

9. Remarks INSTALLED 20 NEW 5/8" NUTS AND BOLTS ON THE UPPER MANWAY COVER  
Applicable Manufacturer's Data Reports to be attached

ON TOP OF TANK 1-TK-33.

ASME CLASS II / ISI CLASS II

J.O. C5468-4

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the 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 Owen, Project Engr. Date 3-25, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3/25/92 to           , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mark Maternak  
Inspector's Signature

Commissions 0055 MI-1-555, E.J.R. N.E.T.  
National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date March 23 19 92

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 4-4-92  
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. C3385-04 RFC N/A  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
3/4" BOLTS (2)	N/A	N/A	N/A	SA-453 GR660 ASP-14648	N/A	REPLACE- MENT	NO
3/4" NUTS (2)	N/A	N/A	N/A	SA-194 GR8F ASP-14377	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL 2 NEW BOLTS W/ NUTS ON SUPPORT AT 1-TK-33  
RWST OVERFLOW PIPING (LOWER SUPPORT). H-3

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-320

9. Remarks INSTALLED 2 NEW BOLTS W/ NUTS IN LOWER SUPPORT AT 1-TK-33 OVER-  
Applicable Manufacturer's Data Reports to be attached  
FLOW PIPE TO ACHIEVE FULL THREAD ENGAGEMENT.

ASME CLASS II / ISI CLASS II

J.O. C3385-04

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Gordon Owen Project Engr. Date 4-7, 19 92  
 Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

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

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

MR. [Signature] Commissions Mich 555 END NIT  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date April 9 19 92

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

NIS-92-820

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 5-11-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 JO A000818, RFC-N/A  
Address Repair Org., P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System RESIDUAL HEAT REMOVAL SYSTEM  
\* AEP Specifications / AWS D1.1 '90  
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
WT 7x15	N/A	N/A	N/A	SA-36 ASP-14547	N/A	REPLACE-MENT	NO
1/4" PLATE	N/A	N/A	N/A	SA-36 ASP-12509	N/A	REPLACE-MENT	NO
3/8" ANGLE	N/A	N/A	N/A	SA-36 ASP-12323	N/A	REPLACE-MENT	NO
3/4" BOLTS	N/A	N/A	N/A	SA-325, ASP#S 13340, 12544	N/A	REPLACE-MENT	NO
3/4" NUTS	N/A	N/A	N/A	SA-194 2H ASP-13276	N/A	REPLACE-MENT	

7. Description of Work INSTALL NEW TEE STEEL, ANGLE, SHIM PLATE, BOLTS, AND NUTS ON RHR HX LATERAL SUPPORT.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS-2-34



## FORM NIS-2 (Back)

9. Remarks INSTALLED NEW 1/4" SHIM PLATES, REPLACE WT 7, 3/8" ANGLE  
Applicable Manufacturer's Data Reports to be attached

AND 3/4" BOLTS AND NUTS TO OBTAIN FIT OF THE EAST AND WEST

RHR HEAT EXCHANGER UPPER LATERAL SUPPORT ON U-1.

ASME CLASS III / ISI CLASS II

J.O. A000818

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the 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 Pavens Project Engr. Date 5-20, 1992  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

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

MR. [Signature] Commissions Mich 555, ENCL N&I  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date May 20 1992

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

W/1592-39

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 7-9,21-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 R 3668-2,4, 1-PP-50E  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System CHARGING SYSTEM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
1-PP-50E	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
SEAL HOUSING	Dresser Pump Division	N/A	N/A	SA-182 Gr. F304 ASP# 10295	1988	REPLACED	NO

7. Description of Work (See Remarks) VT-2 done on Job Order C 2060, act#3

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

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

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

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 (Back)

9. Remarks Performed repair to the cladding at bevel on discharge side of  
Applicable Manufacturer's Data Reports to be attached

pump by welding and replaced the seal housing which was done  
mechanically. The pump was built to Westinghouse E-Spec 676428.

Ref. JO: R 3668-2,4 File: 1-PP-50E ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pizarsky, Maint. Eng. Supervisor Date 12-16, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-14-92 to 1-6-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date 1-6 19 93

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 7-23-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 495-1, 1-CS-442-2, BOLT  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REACTOR COOLANT PUMP SEAL WATER INJ/LEAKOFF
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
1-CS-442-2	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
CLAMP BOLT	CONVAL INC.	N/A	N/A	SA-193 B8M ASP# 14046	1991	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.

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 (Back)

9. Remarks Replaced the yoke clamp bolt and retapped the internal threads  
Applicable Manufacturer's Data Reports to be attached  
of the yoke. Code of Construction to which the clamp bolt was  
procured: ASME Section III, Class 1, 1989 Ed. with Winter Add.  
Ref. JO: C 495-1 File: 1-CS-442-2 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pigarsky, Maint. Eng. Supervisor Date 12-8, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-23-92 to 12-9-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\*FACTORY MUTUAL SYSTEM

Date December 9 19 92

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 7-25-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 5948-1, 1-SI-218, 1"valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System BORON INJECTION
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SI-218	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
		N/A	N/A				

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

## FORM NIS-2 (Back)

9. Remarks Remove surface anomalies from the integral inbody seating  
Applicable Manufacturer's Data Reports to be attached  
surface with a Conval refacing tool.

Ref. JO:C 5948-1

File: 1-SI-218

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank B. Sarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-23-92 to 12-7-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Frank B. Sarsky  
 Inspector's Signature

Commissions Mich 0055, ENDNFI

National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Dec. 7 19 92

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 7-25-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 213-3, 1-NRV-163, VALVE  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
1-NRV-163							
TRIM ASSY. includes Plug	Copes-Vulcan Inc.	N/A	N/A	SA-564 gr630 ASP# 10278	1987	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.

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 (Back)

9. Remarks Replaced the Trim assembly which included the Plug. The  
Applicable Manufacturer's Data Reports to be attached

applicable AEP Procurement/Design Specification for the  
Plug: DCCPV702OCN.

Ref. JO:C-213-3

File: 1-NRV-163

ISI: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 5-27-92 to 12-8-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\*FACTORY MUTUAL SYSTEM

Date December 8 19 92

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 7-28-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 8125-3, 1-CS-534, 4" valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHEMICAL VOLUME CONTROL SYSTEM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CS-534	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
STEM ASSY. includes plug/disc	Conval Inc.	N/A	N/A	SA-479 with Nitronic 60 hardfacing ASP# 13863	1991	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.

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 (Back)

9. Remarks Replaced the stem assembly which included the plug/disc and  
Applicable Manufacturer's Data Reports to be attached

machined the inbody seating surface. Applicable AEP Design/

Procurement Specification: DCCPV832OCN. Machining performed to

ASME Section III, 1986 Edition, no Addenda.

Ref. JO:C 8125-3

File: 1-CS-534

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank P. Piskarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-27-92 to 12-7-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions Mich. 8055, ENCL. NBT  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Dec. 7 19 92

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 7-28-92  
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 R 5483-1, 1-SV-104E  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

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

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-104E							
STUDS: from all thread	Cardinal Ind. Products Inc.	N/A	N/A	SA-453 grade 660 ASP# 13301	1990	REPLACED	NO
NUTS	Nova Machine Products Corp	N/A	N/A	SA-194 grade 8F ASP# 15012	1992	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.

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 (Back)

9. Remarks The inlet flange studs and nuts were replaced due to unidentifi-  
Applicable Manufacturer's Data Reports to be attached

ability of the existing fasteners. The Code of Construction of  
the replaced fasteners: ASME Section III, Class 1, 1986 Edition

Ref. JO: R 5483-1

File: 1-SV-104E

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 1-4, 19 93  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-25-92 to 1-5-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Matusz Commissions Mich 0055, ENCL N & I  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 1-5 19 93

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 7-29-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9690-1, 1-SV-1B-1, valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System \_\_\_\_\_
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-1B-1							
DISC	Dresser Ind.	N/A	N/A	SA-565 grade 616 ASP# 11485	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.

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 (Back)

9. Remarks Replaced the disc which is typically done upon disassembly of  
Applicable Manufacturer's Data Reports to be attached

this brand of valve. Code of Construction to which the disc was  
made: ASME Sec.III, Class B, 1968 Edition, Summer Addenda, 1969.

Ref. JO: C 9690-1 File: 1-SV-1B-1 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisatsky, Maint. Eng. Supervisor Date 12-1, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-1-92 to 12-2-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date 12-2 19 92

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 7-29-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9682-1, 1-SV-2A-4, VLV.  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME. Code Stamped (Yes or No)
1-SV-2A-4							
DISC	Dresser Ind. Inc.	N/A	N/A	ASP# 13892	1991	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.

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 (Back)

9. Remarks UNIT# 1. Replaced the disc which is typically replaced upon  
Applicable Manufacturer's Data Reports to be attached

disassembly of valve. Code of Construction to which disc was  
manufactured: ASME Section III, Class B, 1968 Ed. Summer  
Addenda, 1969.

Ref. JO: C 9682 File: 1SV-2A-4 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10-7-, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-1-92 to 10-13-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\*FACTORY MUTUAL SYSTEM

Date Oct, 13 19 92

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 7-30-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2  
Name  
One Cook Place, Bridgman, MI 49106 C 268-1, 1-IRV-300  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-IRV-300							
TRIM ASSY.: includes Plug	COPE'S VULCAN	N/A	N/A	CRES-AMS-5643 type 17-4PH ASP# 13191	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.

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 (Back)

9. Remarks Replaced the Trim Assembly which included the Plug. The Code of  
Applicable Manufacturer's Data Reports to be attached

Construction to which the Plug was manufactured: ASME Sec.III,  
1986 Edition, no Addenda.

Ref. JO: C 268-1

File: 1-IRV-300

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-24-92 to 12-7-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Frank Pisarsky  
 Inspector's Signature

Commissions Michigan, END NBT

National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Dec., 7 19 92

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 7-30-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 292-1, 1-CS-322, valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	SME Code Stamped (Yes or No)
1-CS-322							
STEM ASSY. includes disc	Connecticut Investment Casting Corp	N/A	N/A	AMS-5387 Stellite #6 ASP# 165	1973	REPLACED	NO
Bonnet/Chamber	Conval Inc.	N/A	N/A	SA-479 Nitronic 60 ASP#13898	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.

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 (Back)

9. Remarks Replaced the stem assembly which included the disc and the  
Applicable Manufacturer's Data Reports to be attached

bonnet/packing chamber. The applicable AEP Design/Procurement  
Specification: DCCPV832OCN & DCCPM802OCN.

Ref. JO:C 292-1 File: 1-CS-322 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-8, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-28-92 to 12-14-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. T. M. M. M. Commissions MICHIGAN, END N.E.  
Inspector's Signature National Board, State, Province, Endorsements

Date Dec 14 19 92

\*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 7-31-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9685-1, 1-SV-1B-3, 6"X 10"vlv  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM SAFETY VALVE
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-1B-3							
DISC	DRESSER	N/A	N/A	ASP# 13892	1991	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.

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 (Back)

9. Remarks UNIT# 1. Replaced the valve disc which is typically replaced  
Applicable Manufacturer's Data Reports to be attached

upon disassembly of component. Code of Construction to which  
disc was manufactured: ASME, Sec. III, Class B, 1968, Summer Add.  
1969.

Ref. JO: C 9685 File: 1SV-1B-3 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky Maint. Eng. Supervisor Date 10-7, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-1-92 to 10-13-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\*FACTORY MUTUAL SYSTEM

Date OCT. 13 19 92

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 7-31-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9684-1, 1-SV-2A-2 VLV.  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-2A-2							
DISC	Dresser Ind. Inc.	N/A	N/A	ASP# 13892	1991	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.

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 (Back)

9. Remarks UNIT# 1. Replace the disc which is typically replaced during  
Applicable Manufacturer's Data Reports to be attached

disassembly of this type of valve. Code of Construction to  
which the disc was manufactured: ASME Section III, Class B  
1968 Edition, Summer Addenda, 1969.

Ref. JO: C 9684 File: 1SV-2A-2

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10-7, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-1-92 to 10-13-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 Whitrough Commissions Mich 0055, END NIT  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Oct. 13 19 92

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 7-31-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 296-1, 1-ORV-51, valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHARGING ( CVCS )
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
1-ORV-51							
BONNET STUDS	Hardware Specialty Co	N/A	N/A	SA-453 gr660 ASP# 9611	1986	REPLACED	NO
NUTS	Texas Bolt Co	N/A	N/A	ASTM A-194 gr. 8 ASP# 4184	1981	REPLACED	NO
BONNET ASSY ( PLUG )	Copes Vulcan	N/A	N/A	SA-564 TP630 ASP# 13329	1989	REPLACED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other ☐ VT-1 Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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

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 (Back)

9. Remarks Replaced the bonnet studs and nuts as well as the trim assembly  
Applicable Manufacturer's Data Reports to be attached

which included the plug. The Code of Construction and/or AEP  
Design/Procurement Specifications to which the parts were  
manufactured: DCCPM105OCN/DCCPV105OCN, & ASME Sec.III, Class 1,  
1986 Edition.

Ref. JO: C 296-1 File: 1-ORV-51

ISI: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank P. Parsky, Maint. Eng. Supervisor Date 12-8, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8/5/92 to 12-14-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date Dec 14 19 92

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 7-31-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9689-1, 1-SV-3-2 valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM SAFETY VALVE
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-3-2							
DISC	Dresser Ind. Inc.	N/A	N/A	ASP# 13892	1991	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.

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 (Back)

9. Remarks UNIT# 1. Replaced the disc which is typically replaced during  
Applicable Manufacturer's Data Reports to be attached

disassembly of this type of valve. Code of Construction to  
which the disc was manufactured: ASME Section III, Class B,  
1968 Edition, Summer Addenda, 1969.

Ref. JO: C 9689

File: 1SV-3-2

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10-7-, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-1-92 to 10-13-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date Oct. 13 19 92

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

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 8-2-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 970-1, 1-QRV-251, VALVE  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-QRV-251							
Trim assy. with PLUG	COPEES-VULCAN INC.	N/A	N/A	ASTM A-276 TP 316L with Stellite# 6 ASP# 3705	1979	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 Replaced the trim assembly which included the PLUG. Code of  
Applicable Manufacturer's Data Reports to be attached

Construction/ AEP Design Specification to which the plug was  
manufactured: DCCPM802OCN.

Ref. JO: C 970-1 File: 1-ORV-251 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pysarsky, Maint. Eng. Supervisor Date 12-8, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-17-92 to 12-9-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date December 9 19 92

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 8-02-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-3110-04, REC-3078  
Address Repair Org. 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 12/31/92
4. Identification of System CHEMICAL AND VOLUME CONTROL SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed., Add. Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983  
ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
3/16" PLATE	N/A	N/A	N/A	SA-36 ASP-13979	N/A	REPLACE-MENT	NO
1/4" ANGLE 4" X 4"	N/A	N/A	N/A	SA-36 ASP-14422	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL NEW 3/16" X 2" X 2" BEVELED PLATE UNDER HILTI BOLT & INSTALLED 1/4" X 4" X 4" ANGLE. Component Support 1-GCS-R103.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-95



## FORM NIS-2 (Back)

9. Remarks INSTALLED NEW 3/16" BEVELED PLATE UNDER EXISTING HILTI BOLT.  
Applicable Manufacturer's Data Reports to be attached  
REPLACED EXISTING ANGLE WITH NEW 1/4" X 4" X 4" ANGLE. ITEMS  
WERE REPLACED TO SOLVE ANCHOR ANGULARITY & PIPE GAP PROBLEMS.  
ASME CLASS II / ISI CLASS II J.O. C-3110-04  
1-GCS-R103

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the 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 Arden Powers, Project Engr. Date 8-6, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

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

\*FACTORY MUTUAL SYSTEM

Date August 11 19 92

NIS92-95

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 8-2-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 346-1, 1-CS-299W, valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CS-299W							
DISC	EXISTING	N/A	N/A	SA-351 grCF8	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.

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 (Back)

9. Remarks While "blue checks were satisfactory on the seating surfaces, a  
Applicable Manufacturer's Data Reports to be attached
- "skim cut" was taken on the valve disc to remove slight  
surface anomalies. Code of Construction of the valve: ASME B&PV  
Section III, Class 2, 1986 Edition, no Addenda per DCCPV8330CN  
Ref. JO: C 346-1 File: 1-CS-299W ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-8, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-27-92 to 12-9-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Frank Pisarsky Commissions MA 0055, END N.E.T.  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date December 9 19 92

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 8-2-92  
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. C3385-02 RFC N/A  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCJ Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
3/4" BOLTS	N/A	N/A	N/A	SA-453 GR660 ASP-14648	N/A	REPLACE-MENT	NO
3/4" NUTS	N/A	N/A	N/A	SA-194 GR8F ASP-14377	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL 2 NEW BOLTS W/ NUTS ON SUPPORT AT 1-TK-33  
RWST OVERFLOW PIPING (UPPER SUPPORT) H-1.

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

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

NIS92-97

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 (Back)

9. Remarks INSTALLED 2 NEW BOLTS W/ NUTS IN UPPER SUPPORT AT 1-TK-33 OVER-  
Applicable Manufacturer's Data Reports to be attached  
FLOW PIPE TO ACHIEVE FULL THREAD ENGAGEMENT.

ASME CLASS II / ISI CLASS II

J.O. C3385-02

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Jordan Brown, Project Eng. Date 8-2, 19 92  
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

W.A. Martyniuk Commissions Mich 0055, ENDNII  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date August 11 19 92

NIS92-97

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

Date 8-2-92  
Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address

Unit 1  
J.O. C3385-03 RFC N/A  
Repair Org. P.O. No., Job No., etc

3. Work Performed by CIMCO  
Name  
P.O. BOX 218, Stevensville, Mi. 49127  
Address

Type Code Symbol Stamp V  
Authorization No. 0252-V  
Expiration Date 12/31/92

4. Identification of System CHEMICAL AND VOLUME CONTROL SYSTEM

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

5. (a) Applicable Const. Code \* 19 Ed.,            Add.            Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Ma.nuf. Serial No.	Nat. Board No.	Othe.: Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
3/4" BOLTS	N/A	N/A	N/A	SA-453 GR660 ASP-14648	N/A	REPLACE-MENT	NO
3/4" NUTS	N/A	N/A	N/A	SA-194 GR8F ASP-14377	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL 2 NEW BOLTS W/ NUTS ON SUPPORT AT 1-TK-33  
RWST OVERFLOW PIPING (MIDDLE SUPPORT) H-2.

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

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

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

NIS92-96

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

9. Remarks INSTALLED 2 NEW BOLTS W/NUTS IN MIDDLE SUPPORT AT 1-TK-33 OVER  
Applicable Manufacturer's Data Reports to be attached  
FLOW PIPE TO ACHIEVE FULL THREAD ENGAGEMENT.

ASME CLASS II / ISI CLASS II

J.O. C3385-03

#### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Jordan Powers, Project Engr. Date 8-6, 19 92  
 Owner or Owner's Designee, Title

#### CERTIFICATE OF INSERVICE INSPECTION

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

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

W.A. Montemayor Commissions Michigan ENR N.I.  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date August 11 19 92

NIS92-96

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 8-4-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9683-1, 1-SV-2B-4, VLV.  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-2B-4							
DISC	Dresser Ind. Inc.	N/A	N/A	ASP# 13892	1991	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.

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 (Back)

9. Remarks UNIT# 1. Replaced the disc which is typically replaced upon  
Applicable Manufacturer's Data Reports to be attached

disassembly. Code of Construction to which the disc was built:

ASME Sec.III, Class B, 1968 Ed., Summer Addenda, 1969.

Ref. JO: C 9683      File:      1SV-2B-4      ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10-7-, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-1-92 to 10-13-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. Martignough Commissions Mich 0055, ENDNIT  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Oct. 13 19 92

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 8-5-92  
Name
- P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name
- One Cook Place, Bridgman, MI 49106 C 221-1, 1-SV-1B-4, valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-1B-4							
DISC	Dresser Ind.	N/A	N/A	ASTM A-565 Grade 616 ASP# 13892	1991	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.

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 (Back)

9. Remarks Replaced the disc which is typically done upon disassembly of  
Applicable Manufacturer's Data Reports to be attached  
this brand of valve. Code of Construction to which the disc was  
manufactured: ASME Section III, Class B, 1968 Edition, Summer  
Addenda, 1969.

Ref. JO: C 221-1

File: 1-SV-1B-4

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pizarsky, Maint. Eng. Supervisor Date 12-8, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3-12-92 to 12-9-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Frank Pizarsky Commissions Mich 0055, ENR NIT  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Dec. 9 19 92

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 8-6-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9687-1, 1-SV-2B-1, vlv.  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System STEAM GENERATOR
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired/Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-2B-1							
DISC	Dresser Indus	N/A	N/A	SA-565 gr 616 ASP# 13892	1991	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.

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 (Back)

9. Remarks UNIT# 1, Replaced the disc which is typically done upon disassembling. AEP Design Specification to which disc was procured:  
DCCPV802OCN.

Ref. JO: C 9687 File: 1SV-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 Frank Pisarsky, Maint. Eng. Supervisor Date 10-12, 19 97  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-1-92 to 10-21-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

K. B. Blake Commissions Mi. 762 END. "I.B.N."  
 Inspector's Signature National Board, State, Province, Endorsements

Date 10-21 19 92

\*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 8-6-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9688-1, 1-SV-1A-1 6"vlv.  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B3.1, 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-1A-1							
DISC	Dresser Industries Inc	N/A	N/A	ASP# 13892	1991	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.

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 (Back)

9. Remarks UNIT# 1. Replaced the disc which is typically replaced upon  
Applicable Manufacturer's Data Reports to be attached

disassembly. Code of Construction to which disc was made:

ASME SECTION III, CLASS B, 1968 EDITION, SUMMER ADDENDA, 1969.

Ref. JO: C 9688 File: 1SV-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 Frank Piskrsky, Maint. Eng. Supervisor Date 10-7, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-1-92 to 10-13-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date OCT 13 19 92

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 8-6-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 8407-3, 1-IFX-215-V1, FLG CONN.  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CONTAINMENT SPRAY
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
FLANGED CONN. at 1-IFX-215-V1							
STUDS: from all thread	Nova Machine Products Inc	N/A	N/A	SA-453 Grade 660 ASP# 14876	1992	REPLACED	NO
NUTS	Dubose Steel Inc.	N/A	N/A	SA-194 grade 8F ASP# 11944	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.

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 (Back)

9. Remarks Replaced the existing fastener material due to unidentifiability  
Applicable Manufacturer's Data Reports to be attached

Code of Construction to which the replaced fasteners were made:

ASME Section III, Class 1, 1986 Edition.

Ref. JO:C 8407-3

File: 1-IFX-215-V1

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-3-92 to 12-2-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions Michigan, ENCL NBI

National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 12-2 19 92

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 8-7-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 964-1, 1-SV-54, FASTENERS  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REACTOR COOLANT PUMP SEAL WATER INJECTION
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired/Replaced	ASME Code Stamped (Yes or No)
1-SV-54							
STUDS: from all thread	Cardinal Ind. Products Inc	N/A	N/A	SA-453 gr660 ASP# 13301	1990	REPLACED	NO
NUTS	Nova Machine Products	N/A	N/A	SA-194 gr8F ASP# 15012	1992	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.

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 (Back)

9. Remarks Replaced the studs (from all thread) and nuts to the mechanically  
Applicable Manufacturer's Data Reports to be attached

installed valve. Code of Construction to which the fasteners  
were manufactured: ASME Sec. III, Class 1, 1986 Edition.

Ref. JO: C 964-1

File: 1-SV-54

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisagsky, Maint. Eng. Supervisor Date 12-8, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-3-92 to 12-9-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date December 9 19 92

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 8-7-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9841-1, 1-RC-112-L4, 2"valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System REACTOR COOLANT SYSTEM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamp ed (Yes or No)
1-RC-112-L4							
BONNET/PACKING CHAMBER	Conval Inc.	N/A	N/A	SA-479 with Nitronic 50 hardfacing ASP# 13664	1991	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.

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 (Back)

9. Remarks The bonnet/packing chamber was replaced. While the stem assembly  
Applicable Manufacturer's Data Reports to be attached

replacement and inbody seat cutting was referenced on the  
Traveler, this was not done due to acceptable condition. The  
AEP Design/Procurement Specification to which the bonnet was  
manufactured: DCCPV8300CN.

Ref. JO: C 9841-1 File: 1-RC-112-L4 ISI: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pigarsky, Maint. Eng. Supervisor Date 12-8, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-8-92 to 12-8-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions MIC 0055, END N I  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Dec. 8, 19 92

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 8-9-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9686-1, 1-SV-1A-2, valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

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

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
1-SV-1A-2							
DISC	Dresser Ind.	N/A	N/A	SA-565 gr616 ASP# 13892	1991	REPLACED	N O

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.

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 (Back)

9. Remarks Replaced the disc which is done typically upon disassembly. Code  
Applicable Manufacturer's Data Reports to be attached  
of Construction to which the disc was manufactured: ASME B&PV  
Section III, Class B, 1968 Edition, Summer Addenda, 1969.  
Ref. JO: C 9686-1. File: 1-SV-1A-2 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-1-92 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mike M. Thompson Commissions Mich 0053, ENR NIS  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 12-1 19 92

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 8-12-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9615-1, 1-RH-148W, 1"VLV.  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenacne Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.119 83 Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-RH-148W	CRANE ALLOYCO WALWORTH	N/A	N/A	EXISTING	N/A	REPAIRED.	NO

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

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

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 (Back)

9. Remarks UNIT# 1, Removed a surface indication by grinding. No welding was  
Applicable Manufacturer's Data Reports to be attached

performed. Code of Construction to which valve was manufactur-  
ed: ASME Sec. III, Div. 1, Class 2, 1986 Ed. no Addenda.

Ref. JO: C 9615 File: 1RH-148W ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pizarsky, Maint. Eng. Supervisor Date 12-1, 1992  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 6-24-92 to 12-1-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Michael R. McIntosh Commissions Mich 0055, ENR NIT  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date December 1 1992

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 8-12-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 8740-2, 1-RC-103-L2, 2" VLV  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-RC-103-L2							
BONNET/ PACKING CHAMBER	Conval Inc.	N/A	N/A	SA-479 with Nitronic 50 hardfacing ASP# 13664	1991	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.

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 (Back)

9. Remarks Replace the Bonnet/Packing Chamber. The AEP Design/Procurement  
Applicable Manufacturer's Data Reports to be attached

Specification to which the part was manufactured: DCCPV830OCN.

Ref. JO: C 8740-2

File: 1-RC-103-L2

ISI: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 1-4, 19 93  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-12-92 to 1-5-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. M. M. M. M. Commissions MICH 0055, END N&T  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 1-5 19 93

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 8-14-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 397-1, 1-SV-51, fasteners  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REGENERATIVE HEAT EXCHANGER
5. (a) Applicable Const. Code ANSI B31.1 19 83 Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-51							
STUDS	Cardinal Ind. Products Inc.	N/A	N/A	SA-193 gr.B7 ASP# 13301	1990	REPLACED	NO
NUTS	Nova Machine Products Inc	N/A	N/A	SA-194 gr.8F ASP# 15012	1992	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.

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 (Back)

9. Remarks Replaced unidentifiable fastener material. Code of Construction  
Applicable Manufacturer's Data Reports to be attached

to which the fasteners were manufactured: ASME Section III,

Class 1 (for nuts), 2 (for studs), 1986 Edition.

Ref. JO: C 397

File: 1SV-51

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10-14, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-3-92 to 10-21-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

R. Blake  
 Inspector's Signature

Commissions MI. 762 END. I.B.N.  
 National Board, State, Province, Endorsements

Date 10-21 19 92

\*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 8-15-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 10939-5, 1-OME-4, MANWAY  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System PRESSURIZER
5. (a) Applicable Const. Code ASME SEC.III19 65Ed., Winter 66Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-OME-4	EXISTING	N/A	N/A	SA-533 CLASS 2	N/A	REPAIRED	YES

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

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

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 (Back)

9. Remarks The Pressurizer Manway gasket seating surface was machined  
Applicable Manufacturer's Data Reports to be attached

0.018" due to sealing problems encountered under pressure.

Ref. JO:C 10939-5

File: 1-OME-4

ISI: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-16, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-13-92 to 1-5-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Mutersbaugh Commissions Mich 0055, END NIT  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 1-5 19 93

INDIANA MICHIGAN POWER COMPANY  
 J.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 8-15-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 4572-1, 1-SI-210, 4" valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SI-210							
HINGE PIN COVER STUDS AND NUTS	Cardinal Ind. Products Inc.	N/A	N/A	SA-193 grB7 SA-194 gr2H ASP# 13449	1991	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.

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 (Back)

9. Remarks The valve's hinge pin studs and nuts were replaced due to the  
Applicable Manufacturer's Data Reports to be attached  
corrosion of the existing fasteners. The Code of Construction  
to which the fasteners were manufactured: ASME Section III,  
Class 2, 1986 Edition.

Ref. JO: C 4572-1

File: 1-SI-210

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-16, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-12-92 to 1-5-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.B. Matersbaugh  
 Inspector's Signature

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

\*FACTORY MUTUAL SYSTEM

Date 1-5 19 93

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

No. 4379-9907 .

Page 136

FORM MIS-2 (BACK)

9. Remarks VALVE REMOVED FOR ISI SET POINT TESTING. REPLACED WITH IDENTICAL SPARE VALVE. REUSED BOLTING.

Applicable Manufacturer's Data Reports to be attached

NO FAILURE OCCURED: NO WELDING PERFORMED. BOLTING ONLY ASME CLASS 1/ISI CLASS 1. JOB 5384 1-SV-45A

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed C. J. [Signature] FIELD ENGINEER Date 8/31, 19 92  
Owner or Owner's Designee, Title

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INSURANCE CO. \* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-1-92 to 12-1-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's report. Furthermore, neither the Inspector nor his employer shall be 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 ROSS, ENDRIZ  
Inspector's Signature National Board, State, Province, and Endorsements  
\*FACTORY MUTUAL SYSTEM

Date 12-1, 19 92

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 8-17-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 10620-1, 1-GCS-V-103A  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System CHEMICAL AND VOLUME CONTROL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
1-GCS-V-103A							
NUT	Nova Machine Products Corp	N/A	N/A	SA-194 gr2H ASP# 15076	1992	REPLACED	NO

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

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

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 (Back)

9. Remarks A Nut was replaced on the referenced hanger. Code of  
Applicable Manufacturer's Data Reports to be attached

Construction to which the nut was manufactured: ASME Section  
III, Class 2, 1986 Edition.

Ref. JO: C 10620-1 File: 1-GCS-V-103A ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-3-92 to 12-8-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\*FACTORY MUTUAL SYSTEM

Date December 8 19 92

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 8-18-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 <sup>16 DEC 1-12-93</sup> C 261-1, 1-SV-3-4, valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-3-4							
DISC	Dresser Ind.	N/A	N/A	ASTM A-565 grade 616 ASP# 11485	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.

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 (Back)

9. Remarks The disc was replaced which is typically done upon disassembly.

Applicable Manufacturer's Data Reports to be attached

Code of Construction to which the disc was manufactured: ASME

B&PV, Sec. III, Class B, 1968 Edition, Summer Addenda, 1969

Ref. JO: <sup>16 068 93</sup> C 267-1 File: 1-SV-3-4 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-7, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 5-27-92 to 12-4-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date December 7 19 92

INDIANA MICHIGAN POWER COMPANY  
J.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 8-19-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 7085-3, 1-PP-50W  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address

4. Identification of System CHARGING SYSTEM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamp ed (Yes or No)
1-PP-50W							
SPACER ORIFICE PLATE: from plate	Consolidated Power Supply	N/A	N/A	SA-240-90 grade 304 ASP# 14449	1991	REPLACED: FABRICATED	NO
STUDS: from all thread	Cardinal Ind Products Inc	N/A	N/A	SA-454 grade 660 ASP# 13888	1991	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.

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 (Back)

9. Remarks Replaced the adjacent flange studs and fabricated a  
Applicable Manufacturer's Data Reports to be attached

spacer orifice plate to replace the existing flow restrictor  
plate. The applicable AEP Design/Procurement Specs. and/or  
Codes of Construction of replaced material: ASME Section III,  
Class 1, 1986 Edition/// DCCCE149OCN

Ref. JO:C 7085-3

File: 1-PP-50W

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 1-4, 19 93  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2-15-92 to 1-5-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date 1-5 19 93

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 8-19-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit                      # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9711-2, 1-IMO-130, valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System ACCUMULATOR
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-IMO-130							
WEDGE	VELAN	N/A	N/A	ASP# 7654	1985	REPLACED/REPAIRED	NO

7. Description of Work (See Remarks)

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

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

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 (Back)

9. Remarks UNIT# 1. Replaced the wedge and machined to fit on each side  
Applicable Manufacturer's Data Reports to be attached

0.050" max. Code of Construction to which the wedge was

manufactured: Per Design Spec. DCCPM802OCN Rev.3

Ref. JO: C 9711 File: 1IMO-130 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Picarsky, Maint. Eng. Supervisor Date 10-12, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-2-92 to 10-21-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

LB Blake  
 Inspector's Signature

Commissions Mi. 762 END. I.B.N.  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 10-21-92 19 92

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 8-21-92  
     Name  
     P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
     Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
     Name  
     One Cook Place, Bridgman, MI 49106 C 545-1,6 1-MS-426-2  
     Address Repair Org. P.O. No., Job No., etc  
 3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
     Name Authorization No. N/A  
     Same as #2 Expiration Date N/A  
     Address

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MS-426-2	HANCOCK	N/A	N/A	EXISTING	N/A	REPLACED	NO
VALVE	CONVAL INC	N/A	N/A	SA-182 gr. F 316 ASP# 7690	1985	REPLACE-MENT	NO
1-MS-427-2	HANCOCK	N/A	N/A	EXISTING	N/A	REPLACED	NO
VALVE	CONVAL	N/A	N/A	SA-182 gr. F 316 ASP# 7690	1985	REPLACE-MENT	
PIPE CAP	I&M CONST.	N/A	N/A	A105-71 ASP# 251	1975	REPLACED	NO
PIPE	RADNOR ALLOYS INC	N/A	N/A	SA-106grB ASP# 13174	1990	REPLACED	NO

7. Description of Work (See Remarks)

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

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

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 (Back)

9. Remarks Replaced the 2 referenced valves and adjacent piping by welding  
Applicable Manufacturer's Data Reports to be attached

including 1 pipe cap which was mechanically installed. The  
valves were replaced to Minor Mod#s MM 12-022-62. The applic-  
able AEP Design/Procurement Specs: DCCPV1050CN/DCCPM8020CN &  
DCCPM1050CN.

Ref. JO:C 545-1.6 File: 1-MS-426-2/1-MS-427-2 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Piskarsky, Maint. Eng. Supervisor Date 12.1, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2-13-92 to 12-8-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date December 8 19 92

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 8-24-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 2153-3, 1-RH-113W  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-RH-113W	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO

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

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

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 (Back)

9. Remarks The welds on both sides of the valve were built up with weld  
Applicable Manufacturer's Data Reports to be attached  
metal to sufficient dimensions.

Ref. JO: C 2153-3

File: 1-RH-113W

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-1-92 to 12-2-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 McTernan Commissions Mich. 0055 END N.E.L.  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 12-2 19 92

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 8-25-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 5124-3, 1-SI-166-1, 10"VLV  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System ACCUMULATOR INJECTION TANK
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired/Replaced	ASME Code Stamped (Yes or No)
1-SI-166-1							
BONNET NUTS	Cardinal Ind Products Inc	N/A	N/A	SA-194 gr8F ASP# 10636	1988	REPLACED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other ☐ VT-1 Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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

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 (Back)

9. Remarks Bonnet nuts were replaced. The applicable AEP Design/Procurement  
Applicable Manufacturer's Data Reports to be attached

Specification to which the replaced nuts were manufactured:

DCCPV105OCN.

Ref. JO: C 5124-3

File: 1-SI-166-1

ISI: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pigarsky, Maint. Eng. Supervisor Date 12-66, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-24-92 to 1-5-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date 1-6 19 93

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 8-25-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 281-1, 1-CS-536, valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.119 83Ed., N/AAdd. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CS-536	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
STEM ASSY. with DISC	Conval Inc	N/A	N/A	SA-479 Nitronic 60 ASP# 13728	1991	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.

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 (Back)

9. Remarks Replaced the stem assembly which includes the Disc and refaced  
Applicable Manufacturer's Data Reports to be attached

the inbody seating surface by machining. Code of Construction/

AEP Procurement Spec of referenced valve: DCCPV8320CN Rev.2

Ref. JO: C 281-1 File: 1-CS-536 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank P. Borsky, Maint. Eng. Supervisor Date 12-1, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-14-92 to 12-7-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. L. Thompson Commissions Mich 0055, End N.E.I.  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Dec 7 19 92

INDIANA MICHIGAN POWER COMPANY  
 J.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 8-25-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9797-6, 1-HE-18W  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System CONTAINMENT SPRAY HTX
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-HE-18W							
STUDS: from all thread	Cardinal Ind Products Inc	N/A	N/A	SA-193 grB7 ASP# 15154	1992	REPLACED	NO
STUDS: from all thread	Cardinal Ind Products Inc	N/A	N/A	SA-193 grB7 ASP# 14991	1992	REPLACED	NO
NUTS	Cardinal Ind Products Inc	N/A	N/A	SA-194 gr2H ASP# 13301	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.

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 (Back)

9. Remarks Replace the studs and nuts to the Heat Exchanger due to the  
Applicable Manufacturer's Data Reports to be attached  
existing fasteners being coated with paint and corrosion. Code  
of Construction to which the fasteners were manufactured: ASME  
Section III, Class 2, 1986 Edition.
- Ref. JO: C 9797-6 File: 1-HE-18 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-16, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-7-92 to 1-5-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. Mutisnough  
 Inspector's Signature

Commissions Mich 0055, ENDNET  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 1-5 19 93

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 8-25-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 347-1, 1-CS-302, valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHARGING (CVCS)
5. (a) Applicable Const. Code ANSI B31.119 83 Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CS-302							
DISC	Lytle: Div. of TEK Bearing	N/A	N/A	SA-479 TP316 with Stellite# 6 ASP# 4988	1980	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.

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, (Back)

9. Remarks Replaced the disc which was a mechanical installation. Code of

Applicable Manufacturer's Data Reports to be attached

Construction/AEP Design Specification to which disc was

procured: DCCPM802OCN.

Ref. JO: C 347-1 File: 1-CS-302

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10-28, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 5-27-92 to 12-1-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions MICH 0055, ENDRS

National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date December 1 19 92

INDIANA MICHIGAN POWER COMPANY  
J.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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

No. 4370-6609

1. Owner INDIANA MICHIGAN POWER COMPANY Date 2/25/92  
     Name  
     P.O. BOX 60: PORT WAYNE, INDIANA 46801 Sheet 1 of 1  
     Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
     Name  
     ONE COOK PLACE: BRIDGMAN, MICHIGAN 49166 JO# R5386 - 06  
     Address Repair Organization P.O.No..Job No..etc.  
 3. Work Performed by NISCO Type Code Symbol Stamp V  
     Name Authorization No. 9290-V  
     P.O. BOX 72: STEVENSVILLE, MICHIGAN 49127 Expiration Date 12/31/92  
     Address

4. Identification of System \_\_\_\_\_  
 5. (a) Applicable Construction Code ASME III 19 83 Edition, S 84 Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/S93 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)
6 X 6 SAFETY VALVE	CROSBY	N56499-06-0003	N/A	N/A	N/A	REPLACED	N/A
6 X 6 SAFETY VALVE	CROSBY	RV-1-8010-B	N/A	STYLE HE-66-BP-E	3/24/80	REPLACEMENT	YES

7. Description of Work REPLACED PRESSURIZER SAFETY VALVE 1-SV-45C WITH SPARE.

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



FORM NIS-2 (BACK)

9. Remarks VALVE REMOVED FOR ISI SET POINT TESTING, REPLACED WITH IDENTICAL SPARE VALVE. REUSED BOLTING. NO  
Applicable Manufacturer's Data Reports to be attached  
FAILURE OCCURRED: NO WELDING PERFORMED. BOLTING ONLY ASME CLASS 1/ISI CLASS 1. JOB R5386 - 06 1-SV-45C

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed C. D. [Signature] FIELD ENGINEER Date 8/3, 1992  
Owner or Owner's Designee, Title

CERTIFICATE OF SERVICE INSPECTION.

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure  
Vessel Inspectors and the State or Province of MICHIGAN and employed by  
ARKWRIGHT MUTUAL INSURANCE CO. \* of NORWOOD, MASS.  
have inspected the components described in this Owner's Report during the period 12-1-92  
to       , and state that to the best of my knowledge and belief, the Owner has  
performed examinations and taken corrective measures described in this Owner's Report in accordance  
with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NICADSS, END NIS  
Inspector's Signature National Board, State, Province, and Endorsements  
FACTORY MUTUAL SYSTEM  
Date 12 - 1 19 92

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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

No. 4370-0009

1. Owner INDIANA MICHIGAN POWER COMPANY Date 8/25/92  
     Name  
     P.O. BOX 60: PORT WAYNE, INDIANA 46801 Sheet 1 of 1  
     Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit: 1  
     Name  
     ONE COOK PLACE: BRIDGMAN, MICHIGAN 49106 JO# R5385 - 06  
     Address Repair Organization P.O.No..Job No..etc.
3. Work Performed by KISCO Type Code Symbol Stamp V  
     Name  
     P.O. BOX 72: STEVENSVILLE, MICHIGAN 49127 Authorization No. 0290-V  
     Address Expiration Date 12/31/92
4. Identification of System \_\_\_\_\_
5. (a) Applicable Construction Code ASME III 19 83 Edition. S 84 Addenda. N/A Code Case  
     (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/S83 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)
6 X 6 SAFETY VALVE	CROSBY	N56499-00-0002	N/A	N/A	N/A	REPLACED	N/A
6 X 6 SAFETY VALVE	CROSBY	N/A	N51699-3	STYLE BP HB-86-2	9/6/84	REPLACEMENT	YES
HEAVY 1" HEX NUT	N/A	N/A	N/A	SH-194 GRADE 8P	N/A	REPLACEMENT	N/A
HEAVY 1 3/8" HEX NUT	N/A	N/A	N/A	SH-194 GRADE 8P	N/A	REPLACEMENT	N/A

7. Description of Work REPLACED PRESSURIZER SAFETY VALVE 1-SV-455 WITH SPARE. ONE HEX NUT 1" AND ONE HEX 1 3/8".
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

FORM NIS-2 (BACK)

9. Remarks VALVE REMOVED FOR ISI SET POINT TESTING. REPLACED WITH IDENTICAL SPARE VALVE. NO FAILURE  
Applicable Manufacturer's Data Reports to be attached  
OCCURRED. NO WELDING PERFORMED. BOLTING ONLY ASME CLASS 1/ISI CLASS 1. JOB R5385 - 06

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed P. J. [Signature] FIELD ENGINEER Date 8/31 1992  
Owner or Owner's Designee, Title

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure  
Vessel Inspectors and the State or Province of MICHIGAN and employed by  
ARKWRIGHT MUTUAL INSURANCE CO. \* of NORWOOD, MASS.  
have inspected the components described in this Owner's Report during the period 12-1-92  
to                     , and state that to the best of my knowledge and belief, the Owner has  
performed examinations and taken corrective measures described in this Owner's Report in accordance  
with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions MICH. 0055, ENR 2181  
Inspector's Signature National Board, State, Province, and Endorsements  
\*FACTORY MUTUAL SYSTEM  
Date 12-1 1992

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 8-26-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 4487-1, 1-IMO-120, VALVE  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System ACCUMULATOR TANK INJECTION
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-IMO-120							
WEDGE	VELAN INC.	N/A	N/A	SA-351 CF8 ASP# 8509	1983	REPLACED/MACHINED	NO

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

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

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 (Back)

9. Remarks Replaced the valve's wedge and machined to fit. The applicable  
Applicable Manufacturer's Data Reports to be attached

AEP Design Specification to which this part was procured:

DCCPM802OCN.

Ref. JO:C 4487-1 File: 1-IMO-120

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-8, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-2-92 to 12-9-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions Mich 0055, END NFI

National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date December 9 19 92

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 8-26-92  
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 R 5572-1, 1-GRC-S564, snubber  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System REACTOR COOLANT SYSTEM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GRC-S564							
TAPERED LOAD PIN	Grinnell Corp	N/A	N/A	Grinnell Fig.# 312 ASP# 12475	1990	REPLACED	NO

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

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

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 (Back)

9. Remarks Replaced the existing tapered load pin with a Grinnell Figure#  
Applicable Manufacturer's Data Reports to be attached

312 load pin. The applicable AEP Design/Procurement Spec. for  
replaced part: DCCPV402OCN.

Ref. JO:R 5572-1

File: 1-GRC-S564

ISI: 1

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank P. Parysky, Maint. Eng. Supervisor Date 12-8, 1992  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2/28/92 to 12-17-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

1012 [Signature] Commissions Mich 0055, ENQ NII  
 Inspector's Signature National Board, State, Province, Endorsements

Date 12-17 19 92

\*FACTORY MUTUAL SYSTEM

INDIANA MICHIGAN POWER COMPANY  
 J.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 8-27-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9238-1, 1-MSS-8  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MSS-8	Grinnell Corp (existing)	N/A	N/A	Grinnell Fig. 200	N/A	REPLACED	NO
SNUBBER	Grinnell Corp	N/A	N/A	Grinnell Fig. 200 Config. "A" ASP# 15183	1992	REPLACE-MENT	NO

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

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

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 (Back)

9. Remarks Replaced the existing snubber with a Grinnell Fig. 200  
Applicable Manufacturer's Data Reports to be attached

Configuration "A" type. The applicable AEP Design/Procurement  
Specification: DCCPV402OCN.

Ref. JO:C.9238-1

File:

1-MSS-8

ISI: 2

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-10-92 to 12-17-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date 12-17 19 92

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 8-27-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9237-1, 1-FW-S6, snubber  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System FEEDWATER PIPING SUPPORT SNUBBER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S6	Grinnell Corp	N/A	N/A	Fig. 200 Config. "A" ASP# 15183	1992	REPLACED	NO

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

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

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 (Back)

9. Remarks Replaced the hydraulic shock and sway strut suppressor assembly  
Applicable Manufacturer's Data Reports to be attached  
with a Grinnell Configuration "A". The applicable AEP Design/  
Procurement Specification: DCCPV402OCN. This work was done to  
Minor Mod.# 1-MM-300.

Ref. JO:C 9237-1 File: 1-FW-S6

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-8, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-10-92 to 12-17-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\*FACTORY MUTUAL SYSTEM

Date 12-17 19 92

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 8-28-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 8725-1, 1-IRV-320  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
1-IRV-320							
STUDS: from all thread	Dubose Steel Inc.	N/A	N/A	SA-453 gr660 ASP# 11944	1989	REPLACED	NO
NUTS	Nova Machine Products Inc	N/A	N/A	SA-194 gr 8F ASP# 12160	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.

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 (Back)

9. Remarks The unidentifiable fasteners including a missing nut were  
Applicable Manufacturer's Data Reports to be attached  
replaced. The applicable AEP Design/Procurement Specification  
for the fasteners: DCCPV1050CN.
- Ref. JO:C 8725-1 File: 1-IRF-320 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1, 19 82  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-24-82 to 12-1-82, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\*FACTORY MUTUAL SYSTEM

Date 12-2 19 82

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 8-28-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 8926-1, 1-IRV-311, VALVE  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired/Replaced or Replacement	ASME Code Stamped (Yes or No)
1-IRV-311							
STUDS from all thread	Cardinal Ind. Products Inc.	N/A	N/A	SA-453 gr660 ASP# 11944	1989	REPLACED	NO
NUTS	Nova Machine Products	N/A	N/A	SA-194 gr 8F ASP# 12160	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.

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 (Back)**

9. Remarks Replaced the valve's flange studs (from all thread) and nuts.  
Applicable Manufacturer's Data Reports to be attached

The applicable AEP Procurement/Design Specification of the  
fasteners: DCCPV1050CN.

Ref. JO:C 8926-1

File: 1-IRV-311

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1, 1992  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-24-92 to 12-2-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

**\*FACTORY MUTUAL SYSTEM**

Date 12 - 2 19 72

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 8-28-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit \_\_\_\_\_ # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 8721-1, 1-IRV-310, 8"vlv.  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-IRV-310							
STUDS: from all thread	Cardinal Ind. Products Inc.	N/A	N/A	ASP# 11944	1989	REPLACED	NO
NUTS	Nova Machine Products Inc.	N/A	N/A	ASP# 12160	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.

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 (Back)

9. Remarks UNIT# 1. Replaced the bonnet to body studs (from all thread) & Applicable Manufacturer's Data Reports to be attached
- nuts. Code of Construction to which the fastener material was
- manufactured:ASME Section III, Class B, 1986 thru 1986 Addenda/
- and requirements of design specification DCCPV105OCN.
- Ref. JO: C 8721-1 File: 1IRV0310 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10-7, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-24-92 to 10-13-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\*FACTORY MUTUAL SYSTEM

Date Oct. 13 19 92

INDIANA MICHIGAN POWER COMPANY  
 J.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 8-28-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9712-2, 1-IMO-140, 10"vlv  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System ACCUMULATOR TANK INJECTION
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
1-IMO-140	VELAN INC.	N/A	N/A	ASP# 8509	1983	REPLACED/REPAIRED	NO

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

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

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 (Back)

9. Remarks UNIT# 1. Replaced the wedge and machined to fit. Code of  
Applicable Manufacturer's Data Reports to be attached

Construction to which the wedge was manufactured: AEP

Specification DCCPM802OCN.

Ref. JO: C 9712 File: 1IMO-140

ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10-7, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-2-92 to 10-13-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. [Signature] Commissions MICH 0055, END NIT  
Inspector's Signature National Board, State, Province, Endorsements

Date OCT. 13 19 92

\*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 9-2-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9251-1, 1-GRH-S47, snubber  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GRH-S47	Grinnell Corp	N/A	N/A	Fig.200 Config."A" ASP# 15183	1992	REPLACED	NO
TAPERED LOAD PIN	Grinnell Corp	N/A	N/A	FIG.# 312 ASP# 12475	1990	REPLACED	NO

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

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

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 (Back)

9. Remarks Replace the existing snubber with a Fig.200, Configuration "A"  
Applicable Manufacturer's Data Reports to be attached

and replaced two tapered loak pins. The applicable AEP Design/  
Procurement Specifications: DCCPV402OCN. The snubber replace-  
ment was done to Minor Mod# 12-MM-300.

Ref. JO: C 9251-1

File: 1-GRH-S47

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-7, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-10-92 to 12-17-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date 12-17 19 92

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 9-2-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 696-2, 1-CTS-130W, valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CONTAINMENT SPRAY
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1-CTS-130W	Walworth Co.	N/A	N/A	SA-351 CF8M ASP# 2005	1977	REPLACED	NO

7. Description of Work (See Remarks)

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

## FORM NIS-2 (Back)

9. Remarks Replaced the valve by welding. Applicable AEP Design  
Applicable Manufacturer's Data Reports to be attached

Specification to which the valve was procured: DCCPM802OCN.

Ref. JO: C 696-2 File: 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 Frank Pisarsky, Maint. Eng. Supervisor Date 12-8, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8/11/91 to 12-9-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. Walter Pugh Commissions Mich 0055, ENR 1151  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Dec. 9 19 92

INDIANA MICHIGAN POWER COMPANY  
 J.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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

4370-06

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/3/92  
Name  
P.O. BOX 60; PORT HAYNE, INDIANA 46801 Sheet 1 of 1  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
ONE COOK PLACE; BRIDGMAN, MICHIGAN 49106 C5426 - 05  
Address
3. Work Performed by NISCO Repair Organization P.O.No., Job No., etc.  
Name Type Code Symbol Stamp V  
P.O. BOX 72; STEVENSVILLE, MICHIGAN 49127 Authorization No. 0290-V  
Address Expiration Date 12/31/92
4. Identification of System  
 \*A.E.P. specifications/MDS standards/ANSI B31.1-83.
5. (a) Applicable Construction Code \* 19 Edition,  Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/S83 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)
1-VCR-154	N/A	N/A	N/A	1 1/4 X 4" BOLT ASTM A307 GR.B ASP 15345	N/A	REPLACED	N/A

7. Description of Work REPLACED 48 BOLTS 3 1/2" TO 4" ASTM A307 GR.B 1 1/4" ASP 15345.

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



FORM NIS-2 (BACK)

3. Remarks ASME CLASS III ISI CLASS II REPLACED 1 1/4 X 3 1/2 BOLT WITH 1 1/4 X 4 PER DRAWING 1-PCA-10  
 Applicable Manufacturer's Data Reports to be attached  
REV. 4, NO WELDING REQUIRED, NO FAILURE OCCURRED. JOB C5426 - 05

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed C. V. Dyer, Jr. FIELD ENGINEER Date 9/25, 1992  
 Owner or Owner's Designee, Title

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARMWRIGHT MUTUAL INSURANCE CO. of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9/20/92 to 9/20/92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. A. Montgomery Commissions MICHIGAN, END N.B.I.  
 Inspector's Signature National Board, State, Province, and Endorsements  
\*FACTORY MUTUAL SYSTEM

Date 9/28 1992

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 9-8-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 10606-1, 1-GCS-V108A, FASTENER  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHARGING SYSTEM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
1-GCS-V108A							
NUT	Cardinal Ind Products Inc	N/A	N/A	SA-194 gr 2H ASP# 13288	1990	REPLACED	NO

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

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

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 (Back)

9. Remarks Replaced missing nut on piping support. Code of Construction  
Applicable Manufacturer's Data Reports to be attached

to which nut was manufactured: ASME Section III, Class 2,  
subsection NB, 1986 Edition.

Ref. JO: C 10606-1      File: 1-GCS-V108A      ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisavsky, Maint. Eng. Supervisor Date 12-1, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-1-92 to 12-8-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 0055, END NII  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Dec. 8, 19 92

INDIANA MICHIGAN POWER COMPANY  
 C.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 9-8,27-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 7271-12,22, 1-CCM-454, 4"vly  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System COMPONENT COOLING WATER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CCM-454	Rockwell Edwards	N/A	N/A	EXISTING VALVE	N/A	REPLACED	NO
VALVE	Conval Inc.	N/A	N/A	SA-182 grade F 316 ASP# 15443	1992	REPLACE-MENT	NO
YOKE	Conval Inc.	N/A	N/A	SA-182 grade F 316 ASP# 15461	1992	REPLACED	NO
STEM/DISC ASSEMBLY	Conval Inc.	N/A	N/A	SA-479 Nitronic 60 ASP# 13898	1991	REPLACED	NO

7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☐ Other VT/RT& SURF. Pressure 2734/165 psi Test Temp. AMBIENT °F

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

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 (Back)

9. Remarks The valve was replaced by welding. Upon disassembly for the  
Applicable Manufacturer's Data Reports to be attached  
installation to the new yoke assembly, a new stem/disc assembly  
was replaced the in the new valve. The applicable AEP Design/  
Procurement Specification: DCCPV832OCN.
- Ref. JO: C 7271-12.22 File: 1-CCM-454 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank P. Piskarsky, Maint. Eng. Supervisor Date 12-8, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-8-92 to 12-8-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. Whitman Commissions Mich 0055, EN 2 NFI  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Dec, 8 19 92

INDIANA MICHIGAN POWER COMPANY  
 C.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 9-9-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9235-1, 1-MSS-5, snubber  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM PIPING SUPPORT SNUBBER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MSS-5	Grinnell Corp	N/A	N/A	Fig. 200 Config. "A" ASP# 15183	1992	REPLACED	NO

7. Description of Work (See Remarks)

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

N/A ☐ Other ☐ VT-3/4 Pressure                      psi Test Temp.                      °F

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

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 (Back)

9. Remarks Replaced the existing snubber with a Grinnell Fig.200.  
Applicable Manufacturer's Data Reports to be attached

Configuration "A". The applicable AEP Design/Procurement Spec.:

DCCPV4020CN. Work was done to Minor Mod# 1-MM-300.

Ref. JO: C 9235-1 File: 1-MSS-5

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pifarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3-10-92 to 12-1-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Will Winter Commissions Mich 2055, ENR NIT  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date December 1 19 92

INDIANA MICHIGAN POWER COMPANY  
 J.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 9-11-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9551-7, 1-CTS-103E, vlv  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System CONTAINMENT SPRAY
5. (a) Applicable Const. Code ANSI B31.119 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CTS-103E	CRANE ALOYCO, INC. (WALWORTH)	N/A	N/A	EXISTING COMPONENT	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.

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 (Back)

9. Remarks UNIT# 1, Completely removed the hardfacing from the inbody  
Applicable Manufacturer's Data Reports to be attached

seating surface by machining as directed by Minor Mod# 392.

Code to which the repair was made: ASME Section III, Div.1,

1986 Edition, no Addenda.

Ref. JO: C 9551-7 File: 1CTS-103E

ISI Class: 2

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## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10-7, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-3-92 to 10-13-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\*FACTORY MUTUAL SYSTEM

Date Oct 13 19 92

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 9-13-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. R7256-10, RFC-N/A  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System RESIDUAL HEAT REMOVAL SYSTEM  
\* AEP Specifications / MDS Standards / ASME SECTION III-86.
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1 1/4" STUDS	N/A	N/A	N/A	SA-193 GRB7 ASP-15264	N/A	REPLACE-MENT	NO
1 1/4" NUTS	N/A	N/A	N/A	SA-194 2H ASP-447	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL 4 NEW 1 1/4" STUDS AND 8 NEW 1 1/4" NUTS AT THE COVER FLANGE OF 1-TK-84.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-105

## FORM NIS-2 (Back)

9. Remarks INSTALLED NEW STUDS AND NUTS TO REPLACE THE DAMAGED ONES  
Applicable Manufacturer's Data Reports to be attached  
DURING THE 1-TK-84 ENCLOSURE COVER REMOVAL AND REINSTALLATION.

ASME CLASS II / ISI CLASS IIJ.O. R-7256-10

## CERTIFICATE OF COMPLIANCE

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

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

Signed *Harold Owen* Date 9-22, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-23-92 to       , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*W. J. M. Thompson* Commissions MICH 055, ENR NET  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 9-23 19 92

NIS92-105

INDIANA MICHIGAN POWER COMPANY  
 J.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 9-14-92  
 Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
 Name  
One Cook Place, Bridgman, MI 49106 C 2833-4, 1-SV-103, 3"vlv.  
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
 Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
 Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

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

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-103							
STUDS: from all thread	Dubose Steel Inc.	N/A	N/A	SA-453 gr660 ASP# 11944	1989	REPLACED	NO
NUTS	Nova Machine Products Corp	N/A	N/A	SA-194 gr 8F ASP# 14876	1992	REPLACED	NO
NUTS	Nova Machine Products Corp	N/A	N/A	SA-194 gr 8F ASP# 15012	1992	REPLACED	NO
STUDS: from all thread	Cardinal Ind Products Inc	N/A	N/A	SA-453 gr8F ASP# 13301	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.

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 (Back)

9. Remarks UNIT# 1, Replaced studs and nuts on inlet of the safety valve.  
Applicable Manufacturer's Data Reports to be attached

Code of Construction to which the replaced fasteners were made:

ASME Section III, 1986 thru 1986 Add. & per DCCPV112OCN spec.

Ref. JO: C 2833      File:      1SV-103      ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pizarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-7-92 to 12-1-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date December 1 19 92

INDIANA MICHIGAN POWER COMPANY  
 J.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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

NO. 4370-0010

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/14/92  
Name  
P.O. BOX 60; FORT WAYNE, INDIANA 46801 Sheet 1 of 1  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
ONE COOK PLACE; BRIDGMAN, MICHIGAN 49106 JOB ORDER C8755 - 01  
Address Repair Organization P.O.No., Job No., etc.
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
P.O. BOX 72; STEVENSVILLE, MICHIGAN 49127 Expiration Date 12/31/92  
Address
4. Identification of System SAFETY INJECTION  
 \* A.E.P. 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/S83 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)
1-GSI-R643 (PART OF 1-GSI-R509)	N/A	N/A	N/A	A-36 SHIM 5/8" X 5" X 3" ASP 13747	N/A	REPLACEMENT	N/A

7. Description of Work Added shim under 4" safety injection, at support 1-GSI-R509, component 1-GSI-R643.

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

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

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

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 (BACK)

5. Remarks Installed shim to eliminate gap. Welding per NISCO procedure WPS 10.3.91. ASME Class 2 ISI Class 2

Applicable Manufacturer's Data Reports to be attached

Job Order CG755 - 01. Component I.D. 1-GSI-R643. Component did not fail defect discovered during

LEPRP walkdown.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] FIELD ENGINEER Date 9/19, 19 92  
Owner or Owner's Designee, Title

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by

FAIRBANKS MUTUAL INSURANCE CO. \* or NORWOOD, MASS.

have inspected the components described in this Owner's Report during the period 8-13-92 to 9-22-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's report. Furthermore, neither the Inspector nor his employer shall be 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 MILWAUKEE, ENDRIS  
Inspector's Signature National Board, State, Province, and Endorsements  
\*FACTORY MUTUAL SYSTEM

Date 9-22, 19 92

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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

No. 4370 - 0012

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/14/92  
Name  
P.O. BOX 69; FORT WAYNE, INDIANA 46801 Sheet 1 of 1  
Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
ONE COOK PLACE; BRIDGMAN, MICHIGAN 49106 JOB ORDER C8755 - 31  
Address  
 3. Work Performed by HISCO Repair Organization P.C.No., Job No., etc.  
Name Type Code Symbol Stamp V  
P.O. BOX 72; STEVENSVILLE, MICHIGAN 49127 Authorization No. 0230-V  
Address Expiration Date 12/31/92  
 4. Identification of System SAFETY INJECTION  
 \* A.E.F. Specifications/MPS STANDARDS/ANSI B31.1-83/ASIS  
 5. (a) Applicable Construction Code 19 Edition, 1983 Addenda, 1983 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 v/553 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)
1-GSI-R507	N/A	N/A	N/A	A-36 1" x 2 1/2" x 5" SHIM ASP 13109	N/A	REPLACEMENT	N/A
1-GN-R520	N/A	N/A	N/A	1/4" x 1" U-BOLT A-36 ASP 13109	N/A	REPLACEMENT	N/A

7. Description of Work Added shim to 1-GSI-R507 due to excessive gap between pipe & support steel. Also removed & replaced damaged U-bolt on 1-GN-R520.

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

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

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 (BACK)

9. Remarks ASME Class 2 ISI Class 2. Welded shin per NISCO procedure W.P.S. 10.3.91. Job Order C8755 - 31  
Applicable Manufacturer's Data Reports to be attached  
Installed shin to establish design gap per WDS-603, Rev. 1. Component did not fail - defect was discovered  
was discovered during LBPRP walkdow.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] FIELD ENGINEER Date 9/19, 19 92  
Owner or Owner's Designee, Title

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure  
Vessel Inspectors and the State or Province of MICHIGAN and employed by  
ARKWRIGHT MUTUAL INSURANCE CO. \* of NORWOOD, MASS.  
have inspected the components described in this Owner's Report during the period 8-3-92  
to 9-22-92, and state that to the best of my knowledge and belief, the Owner has  
performed examinations and taken corrective measures described in this Owner's Report in accordance  
with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed  
or implied, concerning the examinations and corrective measures described in this Owner's report.  
Furthermore, neither the Inspector nor his employer shall be 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 055, ENDNIT  
Inspector's Signature National Board, State, Province, and Endorsements  
\*FACTORY MUTUAL SYSTEM  
Date 9-22, 19 92

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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

No. 4370 - 0017

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/14/92  
Name  
P.O. BOX 60; FORT WAYNE, INDIANA 46801 Sheet 1 of 1  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
ONE COOK PLACE; BRIDGMAN, MICHIGAN 49106 JOB ORDER C8755 - 13  
Address Repair Organisation P.O.No., Job No., etc.
3. Work Performed by MISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
P.O. BOX 72; STEVENSVILLE, MICHIGAN 49127 Expiration Date 12/31/92  
Address
4. Identification of System PW  
 \* A.R.P. Specifications/HDS STANDARDS/ANSI B31.1-83/AISC
5. (a) Applicable Construction Code 19 Edition, 83 Addenda, W/S83 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/S83 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)
1-GPW-R-544 PART OF GANG HANGER 1-GSI-R-531	N/A	N/A	N/A	U-BOLT 3/4" $\phi$ ASP - 13419 5/8" X 2" X 5" SHIM A36 ASP 13747	N/A	REPLACEMENT	N/A

7. Description of Work Welded shim & added U-bolt to 1-GPW-R-544.

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

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

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 (BACK)

9. Remarks Welded shin to eliminate gap at 1-GPW-R-544 welding per NISCO procedure WPS 10.3.91. Piping  
Applicable Manufacturer's Data Reports to be attached  
associated with support. ASME Class II ISI Class II. Component 1-GPW-R-544. Component did not fail,  
defect discovered during LBPRP walkdown.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed C. Vandyke FIELD ENGINEER Date 9/25, 1992  
Owner or Owner's Designee, Title

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure  
Vessel Inspectors and the State or Province of MICHIGAN and employed by  
ARKWRIGHT MUTUAL INSURANCE CO. of NORWOOD, MASS.

have inspected the components described in this Owner's Report during the period 9/21/92  
to 9/28/92, and state that to the best of my knowledge and belief, the Owner has  
performed examinations and taken corrective measures described in this Owner's Report in accordance  
with the requirements of the ASME Code, Section XI.

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

Commissions MICHIGAN, ENCLIN  
National Board, State, Province, and Endorsements  
FACTORY MUTUAL SYSTEM

Date 9/28 19 92

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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

4370-0015

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/14/92  
Name  
P.O. BOX 60; PORT WAYNE, INDIANA 46361 Sheet 1 of 1  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
ONE COOK PLACE; BRIDGMAN, MICHIGAN 49106 JOB ORDER C8755 - 47  
Address Repair Organization P.C.No., Job No., etc.
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 9250-V  
P.O. BOX 72; STEVENSVILLE, MICHIGAN 49127 Expiration Date 12/31/92  
Address
4. Identification of System SAFETY INJECTION  
 \* A.E.P. Specifications/MDS STANDARDS/ANSI B31.1-83/AISC
5. (a) Applicable Construction Code 19 Edition, 83 Addenda, W/363 Code Case.  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/363 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)
1-GSI-V-695	N/A	N/A	N/A	1/2" x 2 1/4" BOLT A-325-89 1/2" NUT A194-89GR-2H	N/A	REPLACEMENT	N/A

7. Description of Work Installed new bolt w/nut at clamp on 1-<sup>GSI</sup>~~695~~V-695 1/2" x 2 1/4" (ASP 12562) bolt with 1/2" nut (ASP-12161).

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

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

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 (BACK)

2. Remarks Component 1-GSI-W-635 ASME Class 1 ISI Class 1. No welding required, bolting only.

Applicable Manufacturer's Data Reports to be attached.

Job Order C8755 - 47.

CERTIFICATE OF COMPLIANCE.

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

Type Code Symbol Stamp N/A

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

Signed P. D. [Signature] FIELD ENGINEER Date 9/19, 19 92  
Owner or Owner's Designer, Title.

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKHEIGHT MUTUAL INSURANCE CO. of NORWOOD, MASS.

have inspected the components described in this Owner's Report during the period 9/23/92 to                     , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]  
Inspector's Signature

Commissions MICHIGAN, ENRNT  
National Board, State, Province, and Endorsements  
\*FACTORY MUTUAL SYSTEM

Date 9/23, 19 92

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 9-19-28-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 4277-3.5 1-MRV-220  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code  
Name  
Symbol Stamp N/A  
Authorization No. N/A Same as #2  
Expiration Date N/A Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MRV-220							
BONNET/BODY cylinder holes	EXISTING	N/A	N/A	SA-216 grade WCB	N/A	REPAIRED	NO
VENT PIPE	EXISTING	N/A	N/A	SA-106 GRADE B	N/A	REPAIRED cut and reweld	NO
NUTS	Atwood Morrill	N/A	N/A	SA-194 grade 2H ASP# 15263	1992	REPLACED	NO
TOP BODY STUDS	Atwood Morrill	N/A	N/A	SA-193 grade B7 ASP# 15332	1992	REPLACED	NO
SPACERS	Atwood Morrill	N/A	N/A	SA-582 grade 416 ASP# 15259	1992	REPLACED	NO
TOP BODY STUDS	Atwood Morrill	N/A	N/A	SA-193 grade B7 ASP# 14826	1991	REPLACED	NO

7. Description of Work (See Remarks)

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

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

## FORM NIS-2 (Back)

9. Remarks During the course of disassembling the valve, some bonnet/body  
Applicable Manufacturer's Data Reports to be attached
- studs and nuts were damaged and subsequently replaced including  
spacers. The bonnet/body cylinder holes that had required the  
studs to be drilled out, were retapped. The vent piping required  
to be cut for disassembly, was rewelded. Codes of Construction  
to which the replaced parts were made: ASME Sec.II,1986 Ed.no Add  
//ASME Sec.III,Class 1,1989 Ed., no Add.//ASME Sec.III,Class 1,  
1989 Ed.,1991 Add.///

Ref. JO: C 4277-3,5 File: 1-MRV-220

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

Signed Frank Pisarsky, Maint.Eng.Supervisor Date 1-4, 19 93  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-15-92 to 1-5-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MA M. Winters  
 Inspector's Signature

Commissions Mich 0055, EN & NJ  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 1-5 19 93

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 9-21-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 9236-1, 1-FW-S11, snubber  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System FEEDWATER PIPING SUPPORT SNUBBER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S11	Grinnell Corp	N/A	N/A	FIG. 200 Config. "A" ASP# 15183	1992	REPLACED	NO
		N/A	N/A				

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

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

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 (Back)

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

with Grinnell Fig. 200, Configuration "A". Applicable AEP

Procurement Specification: DCCPV402OCN. Work was done IAW

Minor Mod# 1-MM-300.

Ref. JO:C 9236-1 File: 1-FW-S11

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank P. Marsky, Maint. Eng. Supervisor Date 12-8, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-10-92 to 12-17-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date 12-17 19 92

INDIANA MICHIGAN POWER COMPANY  
 J.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 9-21-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 c 9233-1, 1-FW-S3, snubber  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System FEEDWATER PIPING SUPPORT SNUBBER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-FW-S3	Grinnell Corp	N/A	N/A	FIG. 200 Config.A ASP# 15183	1992	REPLACED	NO

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

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

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 (Back)

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

assembly with Grinnell Fig.200 Configuration "A". The

applicable AEP procurement Specification: DCCPV4020CN.

This work was done IAW Minor Mod# 1 MM-300.

Ref. JO:C 9233-1 File: 1-FW-S3

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank P. Garsky, Maint. Eng. Supervisor Date 12-8, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2-10-92 to 12-17-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. J. Garsky Commissions Mich 0055, ENP N.E.T.  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 12-17 19 92

INDIANA MICHIGAN POWER COMPANY  
 J.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 9-21, 29-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 4370-3.5 1-MRV-240  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MRV-240							
BONNET/BODY TOP STUD HOLES	EXISTING	N/A	N/A	SA-216 grade WCB	N/A	REPAIRED	NO
NUTS	Atwood Morrill	N/A	N/A	SA-194 grade 2H ASP# 15263	1992	REPLACED	NO
BONNET/BODY TOP STUDS	Atwood Morrill	N/A	N/A	SA-193 grade B7 ASP# 15332	1992	REPLACED	NO
DISCS	Atwood Morrill	N/A	N/A	SA-105 ASP#15222	1992	REPLACED	NO
VENT PIPE	EXISTING	N/A	N/A	SA-106 grade B	N/A	REPAIRED	NO

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

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

## FORM NIS-2 (Back)

9. Remarks The vent pipe was cut for disassembly purposes and rewelded.  
Applicable Manufacturer's Data Reports to be attached

Bonnet/Body studs and nuts damaged during disassembly were re-  
placed & the threaded holes retapped for ease of installation.  
Both Discs were replaced. The Codes of Construction to which the  
replaced parts were manufactured: Discs: ASME Section III, Class 1  
1986 Ed., 1987 Add./// Nuts: ASME Sec. II, 1986 Ed., no Add.////  
Studs: ASME Section III, Class 1, 1989 Edition, 1991 Addenda.

Ref. JO: C 4370-3,5 File: 1-MRV-240 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 1-4, 19 93  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2-5-92 to 1-5-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Frank Pisarsky Commissions Michigan ENDR  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 1-5 19 93

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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

No. 4370 - 0016

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/21/92  
     P.O. BOX 60; FORT WAYNE, INDIANA 46801 Sheet 1 of 1  
     ONE COOK PLACE; BRIDGMAN, MICHIGAN 49106 Unit 1  
     WISCO Repair Organization P.O.No., Job No., etc. JOB ORDER C8755 - 08  
     P.O. BOX 72; STEVENSVILLE, MICHIGAN 49127 Type Code Symbol Stamp V  
     WISCO Authorization No. 0290-V  
     WISCO Expiration Date 12/31/92  
     CS  
 2. Plant D.C. COOK NUCLEAR POWER PLANT  
 3. Work Performed by  
 4. Identification of System  
 5. (a) Applicable Construction Code A 19 Edition, Addenda, Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/S83 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)
1-GCS-R-689 PARENT SUPPORT 1-GSI-R-528	N/A	N/A	N/A	5/8" X 2" X 7" SHIM A36 CASP-1347 3/8" CS NUTS SA-194 GR.8P ASR-12815	N/A	REPLACEMENT	N/A

7. Description of Work 1-GCS-R-689 installed missing nuts on U-bolt, added shim and adjusted U-bolt per requirements in MDS-603 REV.1

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

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

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

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 (BACK)

9. Remarks Installed shim and adjusted U-bolt to eliminate gap. Shim welding per NISCO procedure WPS 10.3.91.

Applicable Manufacturer's Data Reports to be attached

Piping associated with support. ASME Class I ISI-Class II Job Order C8755-08 Component I.D. 1-GCS-R-689

Component did not fail, defect discovered during LBPRP walkdown.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed C. Vandy / R.  
Owner or Owner's Designee, Title

FIELD ENGINEER Date 9/25, 19 92

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INSURANCE CO. \* of NORWOOD, MASS.

have inspected the components described in this Owner's Report during the period 8/14/92 to 9/28/92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's report. Furthermore, neither the Inspector nor his employer shall be 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. H. Henterspaugh  
Inspector's Signature

Commissions MICHIGAN, END N & T  
National Board, State, Province, and Endorsements  
\*FACTORY MUTUAL SYSTEM

Date 9/28 19 92

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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

No. 4370 - 0019

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/22/92  
     P.O. BOX 60; FORT WAYNE, INDIANA 46801 Sheet 1 of 1  
     Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
     ONE COOK PLACE; BRIDGMAN, MICHIGAN 49106 JOB ORDER C8755 - 43  
     Address Repair Organization P.O.No., Job No., etc.  
 3. Work Performed by NISCO Type Code Symbol Stamp V  
     P.O. BOX 72; STEVENSVILLE, MICHIGAN 49127 Authorization No. 0290-V  
     Address Expiration Date 12/31/92  
 4. Identification of System CONTAINMENT SPRAY  
 \* A.E.P. 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/S83 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)
1-GCTS-R-588	N/A	N/A	N/A	2" PIPE U-BOLT ASP-9162	N/A	REPLACEMENT	N/A.

7. Description of Work Installed new 2" U-bolt-on support 1-GCTS-R-588.

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

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

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 (BACK)

9. Remarks Installed U-bolt on 1-GCTS-R-588 and adjusted clearances. No welding required. Piping associated  
Applicable Manufacturer's Data Reports to be attached  
with support. ASME Class 2 ISI Class 2. Component did not fail. Defect discovered during LBPRP walkdown.  
LBPRP walkdown.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed C. Vandyke FIELD ENGINEER Date 9/25, 19 92  
Owner or Owner's Designee, Title

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure  
Vessel Inspectors and the State or Province of MICHIGAN and employed by  
ARKWRIGHT MUTUAL INSURANCE CO. of NORWOOD, MASS.

have inspected the components described in this Owner's Report during the period 9/25/92  
to                     , and state that to the best of my knowledge and belief, the Owner has  
performed examinations and taken corrective measures described in this Owner's Report in accordance  
with the requirements of the ASME Code, Section XI.

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

MA Muterpaugh Commissions MICHIGAN, ENR NIT  
Inspector's Signature National Board, State, Province, and Endorsements  
\*FACTORY MUTUAL SYSTEM

Date 9/28 19 92

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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

No. 4370 - 0020

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/24/92  
Name  
P.O. BOX 60; FORT WAYNE, INDIANA 46801 Sheet 1 of 1  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
ONE COOK PLACE; BRIDGMAN, MICHIGAN 49106 JOB ORDER C8755 - 48  
Address Repair Organisation P.O.No., Job No., etc.
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
P.O. BOX 72; STEVENSVILLE, MICHIGAN 49127 Expiration Date 12/31/92  
Address
4. Identification of System Safety Injection  
 \* A.E.P. Specifications/HDS 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/S83 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)
1-GSI-R-697	N/A	N/A	N/A	5/8" X 1 1/2" X 3" BAR STOCK A36 ASP-13747	N/A	REPLACED	N/A

7. Description of Work Installed shim to hanger 1-GSI-R-697.

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

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

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 (BACK)

9. Remarks Installed shim to reduce gap & meet design requirements. Piping associated with this hanger ASME  
Applicable Manufacturer's Data Reports to be attached  
Class I ISI Class I. Welding per NISCO procedure WPS 10.3.91. Component did not fail. Defect discovered  
during LBPRP walkdown. JOB ORDER C8755-48.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] FIELD ENGINEER Date 9/30, 19 92  
Owner or Owner's Designee, Title

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure  
Vessel Inspectors and the State or Province of MICHIGAN and employed by  
ARKWRIGHT MUTUAL INSURANCE CO. \* of NORWOOD, MASS.  
have inspected the components described in this Owner's Report during the period 9/11/92  
to 10/1/92, and state that to the best of my knowledge and belief, the Owner has  
performed examinations and taken corrective measures described in this Owner's Report in accordance  
with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions Michigan, EN, PN, VT  
Inspector's Signature National Board, State, Province, and Endorsements  
\*FACTORY MUTUAL SYSTEM

Date 10/1 19 92

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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

No. 4370 - 0022

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/24/92  
Name  
P.O. BOX 60; FORT WAYNE, INDIANA 46801 Sheet 1 of 1  
Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
ONE COOK PLACE; BRIDGMAN, MICHIGAN 49106 JOB ORDER C8755 - 42  
Address Repair Organization P.O.No., Job No., etc.  
 3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
P.O. BOX 72; STEVENSVILLE, MICHIGAN 49127 Expiration Date 12/31/92  
Address  
 4. Identification of System Containment Spray  
 \* A.E.P. Specifications/HDS STANDARDS/ANSI B31.1-83/AISC  
 5. (a) Applicable Construction Code 19 Edition, 83 Addenda, Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/S83 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)
1-GCTS-R-508	N/A	N/A	N/A	SHIMS 6" X 3" X 1/8" ASP-15339 5" X 3" X 1/4" ASP 13747	N/A	REPLACEMENT	N/A

7. Description of Work Installed shims on support 1-GCTS-R-508 (4) shims added.

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

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

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

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 (BACK)

9. Remarks Installed shims to eliminate excessive gap between 6" pipe on Iso. 1-GCTS-19 and support

Applicable Manufacturer's Data Reports to be attached

1-GCTS-R-508 pipe associated with support ASME Class II ISI Class 2. Welding per NISCO procedure

WPS 10.3.91. Component did not fail, defect discovered during LBPRP walkdown. JOB ORDER C8755 - 42.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed C. Vandyke  
Owner or Owner's Designee, Title

FIELD ENGINEER Date 9/28, 19 92

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INSURANCE CO. \* of NORWOOD, MASS.

have inspected the components described in this Owner's Report during the period 9/15/92 to 9/29/92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions MILROSS, ENG'NG

National Board, State, Province, and Endorsements  
\*FACTORY MUTUAL SYSTEM

Date 9/29, 19 92

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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

No. 4370 - 0024

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/25/92  
Name  
P.O. BOX 60; PORT WAYNE, INDIANA 46801 Sheet 1 of 1  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
ONE COOK PLACE; BRIDGMAN, MICHIGAN 49106 JOB ORDER C8755 - 46  
Address Repair Organization P.O.No., Job No., etc.
3. Work Performed by MISCO Type Code Symbol Stamp V  
Name  
P.O. BOX 72; STEVENSVILLE, MICHIGAN 49127 Authorization No. 0290-V  
Address Expiration Date 12/31/92
4. Identification of System Containment Spray
- \*A.E.P. Specifications/NDS STANDARDS/ANSI B31.1-83/AISC
5. (a) Applicable Construction Code 19 Edition, 83 Addenda, 83 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/S83 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)
1-GCTS-R-720	N/A	N/A	N/A	1/2" X 3" X 5" SHIM A36 ASP-13963	N/A	REPLACEMENT	N/A

7. Description of Work Installed shim on hanger 1-GCTS-R-720.
8. Tests Conducted: Hydrostatic: ☐ Pneumatic: ☐ Nominal Operating Pressure: ☐  
 Other: ☐ Pressure N/A psi Test Temp. N/A °F

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

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 (BACK)

9. Remarks Installed shim on support 1-GCTS-R-720 to eliminate gap between pipe and support steel. Welding per  
Applicable Manufacturer's Data Reports to be attached  
NISCO procedure WPS 10.3.91. Piping associated with support ASME Class II ISI Class II. Component did not  
fail, defect discovered during LBPRP walkdown. JOB ORDER C8755 - 46.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed C. Vandy R. FIELD ENGINEER Date 9/28, 19 92  
Owner or Owner's Designee, Title

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure  
Vessel Inspectors and the State or Province of MICHIGAN and employed by  
ARKWRIGHT MUTUAL INSURANCE CO. \* of NORWOOD, MASS.  
have inspected the components described in this Owner's Report during the period 9/8/92  
to 9/29/92, and state that to the best of my knowledge and belief, the Owner has  
performed examinations and taken corrective measures described in this Owner's Report in accordance  
with the requirements of the ASME Code, Section XI.

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

W. A. McIntosh Commissions MICHIGAN, ENR NFI  
Inspector's Signature National Board, State, Province, and Endorsements  
\*FACTORY MUTUAL SYSTEM

Date 9/29, 19 92

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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

No. 4370 - 0026

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/25/92  
P.O. BOX 60; FORT WAYNE, INDIANA 46801 Sheet 1 of 1  
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
ONE COOK PLACE; BRIDGMAN, MICHIGAN 49106 JOB ORDER C11068 - 01  
 3. Work Performed by NISCO Repair Organization P.O.No., Job No., etc.  
P.O. BOX 72; STEVENSVILLE, MICHIGAN 49127 Type Code Symbol Stamp V  
 Authorization No. 0290-V  
 Expiration Date 12/31/92
4. Identification of System CS  
 \* A.R.P. 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/S83 addenda.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Iso.	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
92-39	1-CS-769 L7.9	N/A	N/A	2" PIPE U-BOLT ASP 13582	N/A	REPLACEMENT	N/A
92-40	1-CS-769 L7.9	N/A	N/A	2" PIPE U-BOLT ASP 13582	N/A	REPLACEMENT	N/A
92-35	1-CS-763 L6.9	N/A	N/A	2" PIPE U-BOLT ASP 13582	N/A	REPLACEMENT	N/A
92-36	1-CS-763 L6.9	N/A	N/A	2" PIPE U-BOLT ASP 13582	N/A	REPLACEMENT	N/A
92-41	1-CS-769 L1.6	N/A	N/A	2" PIPE U-BOLT ASP 13582	N/A	REPLACEMENT	N/A

7. Description of Work Installed new U-bolts.

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

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

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

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 (BACK)

9. Remarks Install 2" pipe U-bolts on existing supports for Iso. 1-CS-769 L7.9, 1-CS-763 L6.9, 1-CS-769 L1.6.

Applicable Manufacturer's Data Reports to be attached

Piping associated ASME I ISI-Class 2. No welding required. Identified by EQE SBPV program.

JOB ORDER C11068 - 01.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed C. V. [Signature] FIELD ENGINEER Date 9/28, 19 92  
Owner or Owner's Designee, Title

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INSURANCE CO. \* of NORWOOD, MASS.

have inspected the components described in this Owner's Report during the period 7/20/92 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]  
Inspector's Signature

Commissions Mich 055, ENR N/E  
National Board, State, Province, and Endorsements  
\*FACTORY MUTUAL SYSTEM

Date 9/24, 19 92

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 9-26-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 11053-1, 1-MSS-3, snubber  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM PIPING SUPPORT SNUBBER
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MSS-3	Grinnell Corp	N/A	N/A	Fig.200 ASP# 13824	1991	REPLACED	NO
PISTON ROD EYE	Grinnell Corp	N/A	N/A	ASP# 15512 Dedication Plan PV0051	N/A	REPLACED	NO

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

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

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 (Back)

9. Remarks Replaced the snubber with a new Grinnell Figure 200 style with  
Applicable Manufacturer's Data Reports to be attached  
a new Extended Piston Rod Eye which was upgraded VIA Dedication  
Plan PV0051 rev.4 to safety related status. The applicable AEP  
Design/Procurement Specs: DCCPV402OCN.  
Ref. JO:C 11053-1 File: 1-MSS-3 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisavsky, Maint. Eng. Supervisor Date 12-16, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-18-92 to 1-6-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions MICH 0055, ENR NIT  
 Inspector's Signature National Board, State, Province, Endorsements

Date 1-6 19 93

\*FACTORY MUTUAL SYSTEM

INDIANA MICHIGAN POWER COMPANY  
 J.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 9-26-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 12063-4, 1-CCM-459, 8" valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System COMPONENT COOLING WATER
5. (a) Applicable Const. Code ANSI B31.1 19 83 Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CCM-459	HENRY PRATT	N/A	N/A	SA-516 Gr 70 ASP# 12495	1990	REPLACED	NO
BOLTING	Cardinal Threading	N/A	N/A	SA-193 gr B7 ASP# 3693	1980	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.

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 (Back)

9. Remarks Replaced the valve which was mechanically installed and bolting.  
Applicable Manufacturer's Data Reports to be attached

AEP Design Specification to which the replaced component and  
fasteners were procured: Fasteners- DCCPM105OCN

Valve- DCCPV834OCN.

Ref. JO: C 12063 File: 1CCM-459 ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10-28, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-26-92 to 12-1-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date Dec 1, 1992

INDIANA MICHIGAN POWER COMPANY  
 J.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 9-26-92  
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. C11153-01, RFC-N/A  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System MAIN STEAM SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code, \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983

**ADDENDA**

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/4" PLATE 3" X 5"	N/A	N/A	N/A	SA-36 ASP-13979	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL NEW 1/4" X 3" X 5" PLATE SHIM (A-36) ON  
SUPPORT 1-GMS-R-836.

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

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

NIS92-109

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 (Back)

9. Remarks INSTALLED NEW 1/4" X 3" X 5" SHIM PLATE TO ELIMINATE EXCESSIVE  
Applicable Manufacturer's Data Reports to be attached
- GAP AND RESTORE SUPPORT TO ITS DESIGN CLEARANCES. (1-GMS-R-836)
- VT-3 WAS PERFORMED.
- ASME CLASS II / ISI CLASS II J.O. C11153-01

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Yoda Pavein, Report Engineer Date 9-28, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9/28/92 to 9/29/92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. [Signature] Commissions MICHIGAN, ENDRS  
 Inspector's Signature National Board, State, Province, Endorsements

Date 9/29 19 92

\*FACTORY MUTUAL SYSTEM

NIS92-109

INDIANA MICHIGAN POWER COMPANY  
 J.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 9-26-92  
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. C10934-01, RFC-N/A  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System SAFETY INJECTION SYSTEM
- \* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983
- ADDENDA**

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GSI-L-21	N/A	N/A	N/A	SA-36 ASP-EXIST	N/A	REPAIRED	NO

7. Description of Work REMOVED AND REINSTALLED EXISTING 1/2"X 4"X 4" ANGLE CLIPS ON SUPPORT 1-GSI-L-21.

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

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

NIS92-108

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 (Back)

9. Remarks REMOVED AND REPOSITIONED EXISTING ANGLE CLIPS SO THAT THE GAPS.  
Applicable Manufacturer's Data Reports to be attached

MEET THE ORIGINAL DESIGN CLEARANCE OF 1/16" BETWEEN THE ANGLES  
AND THE STANTION SLIDE PLATE. VT-3/4 WAS PERFORMED.

ASME CLASS II / ISI CLASS II J.O. C10934-01

## 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 Gordon Kowen Project Engr. Date 9-28, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8/28/92 to 9/29/92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. M. [Signature] Commissions Mich 955, ENR NIT  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 9/29 19 92

NIS92-108

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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

No. 4370 - 0027

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/28/92  
Name  
P.O. BOX 60; FORT WAYNE, INDIANA 46801 Sheet 1 of 1  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
ONE COOK PLACE; BRIDGMAN, MICHIGAN 49106 JOB ORDER C11323 - 01  
Address Repair Organization P.O.No., Job No., etc.
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
P.O. BOX 72; STEVENSVILLE, MICHIGAN 49127 Expiration Date 12/31/92  
Address
4. Identification of System Reactor Coolant  
 \* A.E.P. 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/S83 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)
1-GRC-R-535	N/A	N/A	N/A	ANGLE IRON REMOVAL	N/A	REPLACEMENT	N/A

7. Description of Work Removed skewed angle (27" long) which is attached to support 1-GRC-R-535.
8. Tests Conducted: Hydrostatic: ☐ Pneumatic: ☐ Nominal Operating Pressure: ☐  
 Other: ☐ Pressure N/A psi Test Temp. N/A °F

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

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 (BACK)

9. Remarks Removed abandoned skewed angle 27" long, attached to support 1-GRC-R-535. No welding required,

Applicable Manufacturer's Data Reports to be attached

support did not fail, removal of angle to be done per resolution to problem report #92-1172. Piping

associated with this support ASME I ISI I. JOB ORDER C11323 - 01.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed C. V. [Signature] FIELD ENGINEER Date 9/29, 1992

Owner or Owner's Designee, Title

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by ARKWRIGHT MUTUAL INSURANCE CO. \* of NORWOOD, MASS.

have inspected the components described in this Owner's Report during the period 7/24/92 to 9/30/92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]  
Inspector's Signature

Commissions Mich 055, and N.B.I.  
National Board, State, Province, and Endorsements  
\*FACTORY MUTUAL SYSTEM

Date 9/30 1992

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 10-2-92  
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. C11646-01, RFC-N/A  
Address Repair Org. P.O. No., Job No., etc

3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address

4. Identification of System CHEMICAL AND VOLUME CONTROL SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC

5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983

ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/4" PLATE 3" X 7"	N/A	N/A	N/A	SA-36 ASP-13979	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL NEW 1/4" SHIM TO ELIMINATE GAP AND RETURN SUPPORT 1-GCS-R-543 TO ITS INTENDED DESIGN.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-114

## FORM NIS-2 (Back)

9. Remarks INSTALLED NEW 1/4" X 3" X 7" A-36 SHIM PLATE BY WELDING TO  
Applicable Manufacturer's Data Reports to be attached
- SUPPORT 1-GCS-R-543. THIS WAS PERFORMED TO ELIMINATE EXCESSIVE  
GAP.
- ASME CLASS I / ISI CLASS I J.O. C11646-01

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Gordon Owen, Project Eng. Date 10-5, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-14-92 to 10-6-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date Oct 6, 19 92

NIS92-114

INDIANA MICHIGAN POWER COMPANY  
 J.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 REPLACEMENT**  
As Required by the Provisions of the ASME Code Section XI

No. 4370 - 0028

1. Owner INDIANA MICHIGAN POWER COMPANY Date 9/30/92  
Name  
P.O. BOX 60; FORT WAYNE, INDIANA 46801 Sheet 1 of 1  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
ONE COOK PLACE; BRIDGMAN, MICHIGAN 49106 JOB ORDER C3516 - 10  
Address Repair Organization P.O.No., Job No., etc.
3. Work Performed by NISCO Type Code Symbol Stamp V  
Name Authorization No. 0290-V  
P.O. BOX 72; STEVENSVILLE, MICHIGAN 49127 Expiration Date 12/31/92  
Address
4. Identification of System Safety Injection  
 \* A.E.P. 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/S83 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)
1-GSI-R-513	N/A	N/A	N/A	REMOVE 4" WIDE FLANGE	N/A	REPAIR	N/A

7. Description of Work Removed 4" wide flange brace & the 2 end plates and base metal repair on W 4 x 13 on support 1-GSI-R513.

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

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

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

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 (BACK)

9. Remarks Removed existing 4" wide flange & repair on W 4 x 13 on support 1-GSI-R-513. Welding per NISCO  
Applicable Manufacturer's Data Reports to be attached  
procedure WPS 10.3.91. Component did not fail, modification is to restore support to meet design basis  
requirements. Piping associated with this component ASME II ISI Class II. Job Order C3516 - 10.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol-Stamp N/A

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

Signed C. V. [Signature] FIELD ENGINEER Date 10/2, 19 92  
Owner or Owner's Designee, Title

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and pressure  
Vessel Inspectors and the State or Province of MICHIGAN and employed by  
ARKWRIGHT MUTUAL INSURANCE CO. \* of NORWOOD, MASS.  
have inspected the components described in this Owner's Report during the period 9/21/92  
to 10/5/92, and state that to the best of my knowledge and belief, the Owner has  
performed examinations and taken corrective measures described in this Owner's Report in accordance  
with the requirements of the ASME Code, Section XI.

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

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

Date 10/5 19 92 \*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 10-5-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-2077-01, RFC-3077  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC  
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983  
ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/2" PLATE	N/A	N/A	N/A	SA-36 ASP-12776	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL NEW 1/2" PLATE TO ACHIEVE GAP AND FORM BOX AROUND EXISTING PIPE LUG ON SUPPORT 1-GCS-L107A.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-120

## FORM NIS-2 (Back)

9. Remarks INSTALLED NEW 1/2" X 1 1/2" X 4 1/4" AND 1/2" X 1 1/2" X 8 1/2"  
Applicable Manufacturer's Data Reports to be attached
- PLATE TO FORM RESTRAINT BOX AROUND EXISTING PIPE LUG & ACHIEVE  
THE DESIGN GAP OF 1/16" ON 1-GCS-L107A. VT-3 FOUND ACCEPTABLE.
- ASME CLASS II / ISI CLASS II J.O. C-2077-01

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed *Lordan Bowen* Project Engr. Date 10-5, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9/3/92 to 10/6/92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. McIntosh* Commissions Mich 0055, ENP NIT  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Oct. 6 19 92

NIS92-120

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-5-92  
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. C11645-01, RFC-N/A  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983

**ADDENDA**

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/4" PLATE 3" X 7"	N/A	N/A	N/A	SA-36 ASP-13979	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL NEW 1/4" X 3" X 7" SHIM PLATE (A-36) TO ELIMINATE GAP AT SUPPORT 1-GCS-R-542.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-119

## FORM NIS-2 (Back)

9. Remarks INSTALLED NEW 1/4" X 3" X 7" SHIM TO ELIMINATE IMPROPER GAP AND  
Applicable Manufacturer's Data Reports to be attached

OBTAIN THE CORRECT CLEARANCES ON SUPPORT 1-GCS-R-542.

VT-3 WAS FOUND ACCEPTABLE.

ASME CLASS I / ISI CLASS I J.O. C-11645-01

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Gordon Taven Project Eng Date 10-5, 19 92  
 Owner or Owner's Designee Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-14-92 to 10-6-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. M. J. M. M. M. Commissions MI-10055, ENR N&T  
 Inspector's Signature National Board, State, Province, Endorsements

Date Oct 6 19 92

\*FACTORY MUTUAL SYSTEM

NIS92-119

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-6-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-3680-01, RFC-N/A  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System FEEDWATER SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed., 1 Add. 1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983

**ADDENDA**

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/2" PLATE 4" X 4"	N/A	N/A	N/A	SA-36 ASP-13747	N/A	REPLACE- MENT	NO
14" U-BOLT	N/A	N/A	N/A	GRIN FIG137S C-8100-C067	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL NEW 14" X 7/8" DIA ROD, GRINNELL FIG 137S  
U-BOLT AND 1/2" X 4" X 4" WASHER PLATES ON 1-GFW-V-145.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-122

Page 243

## FORM NIS-2 (Back)

9. Remarks INSTALLED NEW 14" U-BOLT AND (2) 1/2" X 4" X 4" WASHER PLATES  
Applicable Manufacturer's Data Reports to be attached
- GRINNELL FIG 60 THAT WERE MISSING FROM SUPPORT 1-GFW-V-145.
- VT-3 WAS PERFORMED & FOUND ACCEPTABLE. DESIGN SPEC L-31.
- ASME CLASS N/A / ISI CLASS II J.O. C-3680-01

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] SR. COMPLIANCE AUDITOR Date 12/15, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-17-92 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 12-17 19 92

\*FACTORY MUTUAL SYSTEM

NIS92-122

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-7-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 6753-1, 1-STN-36S, fasteners  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System SAFETY INJECTION
5. (a) Applicable Const. Code ANSI B31.119 83 Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-STN-36S							
STUDS	Nova Machine Products Corp	N/A	N/A	SA-453 gr660 ASP# 14091	1991	REPLACED	NO
NUTS	Energy Steel & Supply Co	N/A	N/A	SA-194 gr 8F ASP# 14377	1992	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.

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 (Back)**

9. Remarks Replaced the fastener material to the flanged connection to the  
Applicable Manufacturer's Data Reports to be attached  
referenced component. Code of Construction to which the replac-  
material was procured: ASME SECTION III, 1986 ED., NO ADDENDA.
- Ref. JO: C 6753      File: 1-STN-36S      ISI Class: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 10-28, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3-17-92 to 12-1-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions MICH 0055, ENUNFI  
National Board, State, Province, Endorsements

**\*FACTORY MUTUAL SYSTEM**

Date December 1 1972

INDIANA MICHIGAN POWER COMPANY  
J.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 10-8-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 3981-3.5 1-MRV-230  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name  
Same as #2 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
1-MRV-230							
DISC	Atwood & Morrill Co.	N/A	N/A	SA-105 with Stellite# 6 ASP# 14275	1991	REPLACED	NO
TOP STUDS	Atwood & Morrill Co.	N/A	N/A	SA-193 grB7 ASP# 15332	1992	REPLACED	NO
NUTS	Ronson Manuf. Inc.	N/A	N/A	SA-194 gr2H ASP# 15263	1992	REPLACED	NO
VENT PIPE	EXISTING	N/A	N/A	SA-106 gr B	N/A	REPAIRED: CUT/REWELD	NO

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

## FORM NIS-2 (Back)

9. Remarks Replaced the disc which was drilled and tapped for rigging  
Applicable Manufacturer's Data Reports to be attached

purposes. Four Top Studs and six nuts were replaced. The vent  
pipe was cut and rewelded for disassembly purposes. The

Code of Construction to which parts were made; Nuts: ASME  
Sec.II, 1986 Edition, no Add./// Studs: ASME Sec.III,Class 1,  
1989 Ed.,with 1991 Add./// Disc: ASME Sec.III,Class 2, 1974 Ed.

Ref. JO: C 3981-3.5 File: 1-MRV-230 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 1-4, 19 93  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-15-92 to 1-5-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MA Muteraugh Commissions Mich 0055, ENR NIT  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 1-5 19 93

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-9-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 7897-7.9 1-DCR-330  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System STEAM GENERATOR BLOWDOWN
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
1-DCR-330	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
Body/Bonnet STUDS & NUTS	Cardinal Ind. Products Inc.	N/A	N/A	SA-193 grB7 SA-194 gr2H ASP# 14688	1992	REPLACED	NO
PLUG	Neles-Jamesbury	N/A	N/A	ASTM A 582 grade 416 ASP# 14557	1992	REPLACED	NO
BONNET	Hammel Dahl Inc	N/A	N/A	SA-182 gr F5A, tp.501 ASP# 8514	1985	REPLACED	NO

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

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

## FORM NIS-2 (Back)

9. Remarks Replaced the bonnet, plug, body/bonnet studs with nuts and  
Applicable Manufacturer's Data Reports to be attached
- built up the gasket mating surfaces with weld and machined.
- Applicable AEP Design/Procurement Specs.and/or Code of
- Construction to which replaced parts were made: DCCPM7020CN////
- ASME Section III, Class 2, 1986 Edition.
- Ref. JO:C 7897-9.7 File:1-DCR-330 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-11-92 to 12-14-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date Dec. 14 19 92

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-10-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 12229-3, 1-RH-113E  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-RH-113E							
STUDS: from all thread	Cardinal Ind. Products Inc.	N/A	N/A	SA-453 gr660 ASP# 11944	1989	REPLACED	NO
NUTS	Nova Machine Products Inc	N/A	N/A	SA-194 gr 2H ASP# 14876	1992	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.

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 (Back)

9. Remarks Replaced the valve's fasteners due to the need for additional  
Applicable Manufacturer's Data Reports to be attached  
torquing needed to arrest a leaking body bonnet  
connection. Applicable AEP Design/Procurement Spec. and/or Code  
on Construction: DCCPV105OCN, ASME Sec.III, 1986 Edition.  
Ref. JO: C 12229-3 File: 1-RH-113E ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-12-92 to 12-1/92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date 12-1 19 92

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-14-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 12308-1, 1-SI-112S, valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System SAFETY INJECTION
- 5: (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SI-112S: inbody seating surface	EXISTING	N/A	N/A	AMS 5387 Stellite# 6	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.

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 (Back)

9. Remarks A "skim cut" was taken on the valve's inbody seating surface  
Applicable Manufacturer's Data Reports to be attached

with the Conval refacing tool of 0.015"max. Work was performed  
in accordance with ASME Sec.III, Class 2, 1986 Ed., no Addenda.

Ref. JO:C-12308-1 File: 1-SI-112S

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1-, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 5-15-92 to 12-3-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. F. Monticompagni Commissions MICHOSS, END NIT  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 12-2 19 92

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-16-92  
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. C11651-01, RFC-N/A  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System SAFETY INJECTION SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983  
ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1-GSI-R120							
1/8" PLATE 3" X 7"	N/A	N/A	N/A	SA-36 ASP-14681	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL NEW 1/8" X 3" X 7" SHIM PLATE TO ELIMINATE GAP AT SUPPORT 1-GSI-R-120.

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

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

NIS92-128

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 (Back)

9. Remarks INSTALLED NEW 1/8" X 3" X 7" SHIM TO ELIMINATE IMPROPER GAP AND  
Applicable Manufacturer's Data Reports to be attached

OBTAIN THE CORRECT CLEARANCES ON SUPPORT 1-GSI-R-120.

VT-3 WAS FOUND ACCEPTABLE.

ASME CLASS II / ISI CLASS II

J.O. C-11651-01

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Gordon A. [Signature] Date 10-19, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-14-92 to 10-26-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 0755, BNP, P.E.  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Oct 26 19 92

NIS92-128

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-17-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 3  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. R-9211-02, RFC-N/A  
Address Repair Org. 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 12/31/92
4. Identification of System CONTAINMENT PENETRATIONS  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983
- ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CPN-57							
5/8" BOLTS 4" LONG	N/A	N/A	N/A	SA-193 B7 ASP-3693	N/A	REPLACE- MENT	NO
5/8" NUTS	N/A	N/A	N/A	SA-307 GR B ASP-14300	N/A	REPLACE- MENT	NO
1-CPN-80							
3/4" BOLTS 4" LONG	N/A	N/A	N/A	SA-193 B7 ASP-3693	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL NEW BOLTS AND NUTS AT BOTH 1-CPN-57 & 1-CPN-80 TO REPLACE FASTENERS AT FLANGES.

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

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

NIS92-129

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 (Back)

9. Remarks INSTALLED NEW 5/8" FASTENERS AT 1-CPN-57 AND NEW 3/4" FASTENERS  
Applicable Manufacturer's Data Reports to be attached

AT 1-CPN-80 TO RESTORE FLANGES AFTER ILRT EQUIPMENT WAS  
DISMANTLED.

ASME CLASS II / ISI CLASS II

J.O. R-9211-02

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed London Owen, Reg. Engr. Date 10-19, 19 72  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-26-72 to 11-1-72, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. H. Thompson  
 Inspector's Signature

Commissions Michigan and NIT  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date OCT 26 19 72

NIS92-129

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-19-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 12233-3, 1-RH-108W  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-RH-108W							
STUDS: from all thread	Dubose Steel Inc.	N/A	N/A	SA-453 grade 660 ASP# 11944	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.

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 (Back)

9. Remarks Replaced the existing studs due to needed additional torquing  
Applicable Manufacturer's Data Reports to be attached

capacity of the new material. The Code of Construction to  
which the replaced fasteners were manufactured:ASME Section III  
Class 1, 1986 Edition. AEP design/procurement Spec.DCCPV1050CN  
Ref. JO:C 12233-3 File: 1-RH-108W ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-20-92 to 12-2-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 MASS 0055, END N.E.  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date 12-2 19 92

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-19-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 4  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-2073-01, RFC-3075  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983  
ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1ACS-R5002							
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	SA-36 ASP-14621	N/A	REPLACE- MENT	NO
1/4"X2"X2" TUBE STEEL	N/A	N/A	N/A	SA-500 ASP-14361	N/A	REPLACE- MENT	NO
1/2" PLATE	N/A	N/A	N/A	SA-36 ASP-12145	N/A	REPLACE- MENT	NO
1/4" PLATE	N/A	N/A	N/A	SA-36 ASP-14257	N/A	REPLACE- MENT	NO

7. Description of Work INSTALL NEW COMPONENTS ON SUPPORTS 1-ACS-R5002, 1-ACS-R5001, & 1-ACS-R5000 PER RFC 12-3075.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-132

Page 261

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-19-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 4  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-2073-01, RFC-3075  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
3/8"U-BOLT GRINNELL	N/A	N/A	N/A	FIG-137 ASP-13582	N/A	REPLACE-MENT	NO
1ACS-R5001							
1/4" ANGLE	N/A	N/A	N/A	SA-36 ASP-12509	N/A	REPLACE-MENT	NO
3/8" ANGLE	N/A	N/A	N/A	SA-36 ASP-14325	N/A	REPLACE-MENT	NO
3/8" PLATE	N/A	N/A	N/A	SA-36 ASP-12776	N/A	REPLACE-MENT	NO

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

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-132A

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

1. Owner INDIANA MICHIGAN POWER COMPANY  
Name

Date 10-19-92

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

Sheet 3 of 4

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

Unit 1

One Cook Place, Bridgman, MI 49106  
Address

J.O. C-2073-01, RFC-3075  
Repair Org. P.O. No., Job No., etc

3. Work Performed by CIMCO  
Name

Type Code Symbol Stamp V

P.O. BOX 218, Stevensville, Mi. 49127  
Address

Authorization No. 0252-V

Expiration Date 12/31/92

4. Identification of System CHEMICAL AND VOLUME CONTROL SYSTEM

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

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

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1ACS-R5000							
3/8" ANGLE 3" X 3"	N/A	N/A	N/A	SA-36 ASP-10775	N/A	REPLACE- MENT	NO
1/4" TUBE STEEL	N/A	N/A	N/A	SA-500 ASP-14361	N/A	REPLACE- MENT	NO
2" U-BOLT GRINNELL	N/A	N/A	N/A	FIG-137 ASP-13582	N/A	REPLACE- MENT	NO

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

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-132B

Page 263

## FORM NIS-2 (Back)

9. Remarks INSTALLED NEW COMPONENTS ON SUPPORTS 1-ACS-R5002, 1-ACS-R5001,  
Applicable Manufacturer's Data Reports to be attached  
AND 1-ACS-R5000 TO RETURN SUPPORTS TO THEIR INTENDED DESIGN  
BASIS PER MODIFICATIONS FOR RFC 12-3075.  
ASME CLASS I / ISI CLASS II J.O. C-2073-01

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed *Robert J. ...* Date 10-21, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-2-92 to 10-26-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*...* Commissions MICHIGAN, END N.E.T.  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date OCT 26 19 92

NIS92-132

INDIANA MICHIGAN POWER COMPANY  
 J.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  
Name

Date 10-19-92

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

Sheet 1 of 2

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

Unit 1

One Cook Place, Bridgman, MI 49106  
Address

J.O. C-2073-01, RFC-3075  
Repair Org. P.O. No., Job No., etc

3. Work Performed by CIMCO  
Name

Type Code Symbol Stamp V

P.O. BOX 218, Stevensville, Mi. 49127  
Address

Authorization No. 0252-V

Expiration Date 12/31/92

4. Identification of System NITROGEN SYSTEM

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

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

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
1-AN-R5000							
1" U BOLT GRINNELL	N/A	N/A	N/A	FIG. 137 ASP-13109	N/A	REPLACE-MENT	NO
3/8" ANGLE 2 1/2" LEGS	N/A	N/A	N/A	SA-36 ASP-14325	N/A	REPLACE-MENT	NO
1/2" PLATE	N/A	N/A	N/A	SA-36 ASP-12145	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL NEW 1/2" PLATE, 3/8" ANGLE, & 1" U-BOLTS ON SUPPORT 1-AN-R5000 PER RFC-12-3075.

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

N/A ☒

Other ☐

Pressure  psi Test Temp.  °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-131

## FORM NIS-2 (Back)

9. Remarks INSTALLED NEW 1/2" PLATE, 3/8"X 2 1/2"X 2 1/2" ANGLE, AND 1"  
Applicable Manufacturer's Data Reports to be attached
- FIG-137 U-BOLTS ON SUPPORT 1-AN-R5000 TO RETURN SUPPORT TO ITS  
PROPER DESIGN PER RFC 12-3075.
- ASME CLASS II / ISI CLASS II J.O. C-2073-01

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Gada Owen, Project Engr. Date 10-21, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-2-92 to 10-26-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. Martin Commissions Mich 0055, ENCLNTI  
 Inspector's Signature National Board, State, Province, Endorsements

Date OCT 26 19 92

\*FACTORY MUTUAL SYSTEM

NIS92-131

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-20-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-2078-04, RFC-3077  
Address Repair Org. 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 12/31/92
4. Identification of System ICE CONDENSER REFRIGERATION SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983  
ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GR-R1017							
1/4"X4"X4" TUBE STEEL	N/A	N/A	N/A	SA-500 ASP-14422	N/A	REPLACE-MENT	NO
5/8" PLATE	N/A	N/A	N/A	SA-36 ASP-11251	N/A	REPLACE-MENT	NO
1/2" PLATE	N/A	N/A	N/A	SA-36 ASP-12145	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL NEW COMPONENTS ON SUPPORT 1-GR-R1017 PER RFC 12-3077 SUPPORT MODIFICATIONS.

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

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

NIS92-136

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 (Back)

9. Remarks INSTALLED NEW COMPONENTS ON SUPPORT 1-GR-R1017 TO UPGRADE  
Applicable Manufacturer's Data Reports to be attached
- SUPPORT TO THE DESIGN BASIS REQUIREMENTS PER RFC 12-3077 HANGER  
MODIFICATIONS.
- ASME CLASS II / ISI CLASS II J.O. C-2078-04

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Golden Powers, Project Engr. Date 10-21, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2-14-92 to 10-26-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date OCT 26 19 92

\*FACTORY MUTUAL SYSTEM

NIS92-136

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-20-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-2078-04, RFC-3077  
Address Repair Org. 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 12/31/92
4. Identification of System SAFETY INJECTION SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983  
ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replacement	ASME Code Stamped (Yes or No)
1-GSI-R589							
1 1/2" U-BOLT	N/A	N/A	N/A	GRINN FIG137 ASP-EXISTING	N/A	REPAIRED	NO

7. Description of Work REMOVED U-BOLT AND FROM SUPPORT 1-GSI-R589 PER HANGER MODIFICATION FOR RFC 12-3077.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-135

## FORM NIS-2 (Back)

9. Remarks REMOVED U-BOLT FROM SUPPORT 1-GSI-R589. NOTE SUPPORT IS  
Applicable Manufacturer's Data Reports to be attached  
ATTACHED TO PARENT "GANG" SUPPORT 1-GSI-R517. PER RFC 12-3077  
WITH U-BOLT REMOVED SUPPORT 1-GSI-R589 IS NOW VOIDED.  
ASME CLASS II / ISI CLASS II J.O. C-2078-04

## 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 [Signature] Date 10-21 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3-14-92 to 10-26-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 0755, ENDR 11  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Oct 26 19 92

NIS92-135

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-21-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 3  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-2078-04, RFC-3077  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System SAFETY INJECTION SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983  
ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GSI-R505							
1/4" ANGLE 2" X 2"	N/A	N/A	N/A	SA-36 ASP-14621	N/A	REPLACE- MENT	NO
1-GSI-R596							
1/4" ANGLE 1 1/2" LEG	N/A	N/A	N/A	SA-36 ASP-11779	N/A	REPLACE- MENT	NO
1/4" PLATE	N/A	N/A	N/A	SA-36 ASP-13747	N/A	REPLACE- MENT	NO

7. Description of Work INSTALLED NEW COMPONENTS ON SUPPORTS 1-GSI-R505, 1-GSI-R596, & 1-GSI-R552 PER RFC 12-3077 MODIFICATIONS.

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

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

NIS92-137

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 10-21-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 3  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-2078-04, RFC-3077  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System SAFETY INJECTION SYSTEM
- \* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983

ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced or Replacement	ASME Code Stamped (Yes or No)
1-GSI-R552							
1/4" ANGLE 1 1/2" LEG	N/A	N/A	N/A	SA-36 ASP-11779	N/A	REPLACE- MENT	NO
1/4" PLATE	N/A	N/A	N/A	SA-36 ASP-13979	N/A	REPLACE- MENT	NO
1/2" PLATE	N/A	N/A	N/A	SA-36 ASP-12145	N/A	REPLACE- MENT	NO

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

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

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

NIS92-137A

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 (Back)

9. Remarks INSTALLED NEW COMPONENTS ON SUPPORTS 1-GSI-R505, 1-GSI-R552, &  
Applicable Manufacturer's Data Reports to be attached  
1-GSI-R596 TO RETURN SUPPORTS TO THEIR PROPER DESIGN BASIS PER  
DESIGN MODIFICATIONS FOR RFC 12-3077.  
ASME CLASS II / ISI CLASS II J.O. C-2078-04

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed John Owen, Project Engr. Date 10-21, 1992  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2-14-92 to 10-26-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

DR. M. M. M. M. M. Commissions Mich 2055, ENR N 1  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Oct 26 19 92

NIS92-137

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 10-23-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 12605-1, 1-CS-393, 3" valve  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHARGING SYSTEM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CS-393							
BONNET ASSEMBLY	ITT Engineered Valves	N/A	N/A	SA-351 grade CF8 ASP# 14155	1991	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.

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 (Back)

9. Remarks Replaced the bonnet assembly which was mechanically installed.  
Applicable Manufacturer's Data Reports to be attached

The applicable AEP Design/Procurement Specification to which  
parts were manufactured: DCCPV8380CN.

Ref. JO:C.12605-1

File: 1-CS-393

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pigarsky, Maint. Eng. Supervisor Date 12-1-, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-23-92 to 12-3-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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. Webster Commissions Mich 0055, END NIT  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date December 8 19 92

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-23-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 12602, 1-CS-392  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System CHARGING SYSTEM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-CS-392							
BONNET ASSEMBLY	ITT Engineered valves	N/A	N/A	SA-351 grade CF8 ASP# 15424	1992	REPLACED	NO
NUTS	ITT Engineered valves	N/A	N/A	SA-194 grade 8F ASP# 14879	1992	REPLACED	NO
STUDS	ITT Engineered valves	N/A	N/A	SA-453 grade 660 ASP# 14907	1992	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.

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 (Back)

9. Remarks Replaced the bonnet assembly and bonnet studs and nuts. The NDE  
Applicable Manufacturer's Data Reports to be attached  
and documentation of the fasteners were done to ASME Sect. III,  
Class 2, and bonnet assembly to AEP Design Spec.: DCCPV8380CN.  
Ref. JO: C 12602-1 File: 1-CS-392 ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Piskorsky, Maint. Eng. Supervisor Date 12-1, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 10-23-92 to 12-14-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. [Signature] Commissions Mich 0055, ENR. N.E.I.  
Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Dec 14 19 92

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 11-11-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-11102-01  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp NR  
Name Authorization No. 41  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 3/9/95  
Address
4. Identification of System RHR LEAK DETECTING ENCLOSURE
5. (a) Applicable Const. Code ASME secIII1986 Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S  
1983 ADDENDA
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-TK-85	WESTERN PIPE	L-411	9	N/A	1972	REPAIRED	YES

7. Description of Work WELDED REPAIRS ON "T" BOLT MANWAY RETAINER LUGS (3).
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

## FORM NIS-2 (Back)

9. Remarks REPAIR FILLET WELDS FOR "T" BOLT MANWAY RETAINER LUGS ON 1-TK-85  
Applicable Manufacturer's Data Reports to be attached

THREE LUGS REPAIRED.

ASME sec. III CLASS II/ISI CLASS II

J.O. C-11102-01

## 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 R

Certificate of Authorization No. 41 Expiration Date 3-9-95

Signed Gordon P. Owen, Project Eng. Date Nov. 16, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-12-92 to 11-16-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. [Signature]  
 Inspector's Signature

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

\*FACTORY MUTUAL SYSTEM

Date November 16 19 92

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

FORM NR-1 REPORT OR REPAIR ☒ MODIFICATION ☐ OR INSTALLATION OF  
REPLACEMENT(S) ☐ TO NUCLEAR COMPONENTS AND SYSTEMS IN NUCLEAR  
POWER PLANTS

1. Work performed by UE & C Catalytic, INC. 92-1  
(name) (repair org.'P.O.,no.,job.no.,etc)  
30 South 17th Street., P.O. Box 8323 Philadelphia, PA 19101  
(address)
2. Owner Indiana Michigan Power Company  
(name)  
P.O. Box 60, Fort Wayne, IN 46801  
(address)
3. Name, address and identification of nuclear power plant Donald C. Cook Nuclear Plant, One Cook Place,  
Bridgman, MI 49106 Unit No. 1
4. System: Residual Heat Removal Leak Detecting Enclosure System
5. a: Component repaired, modified or replaced Recirculation Valve Enclosure 1-TK-85  
b: Name of manufacturer Western Piping - Division of Associated Piping & Engineering Corp.  
c: Identifying nos: L-411 9 1972  
(mfg's serial no.) (natl bd. no.) (jurisdictional no.) (other) (year built)
6. Section XI 1983 Summer 1983 NONE  
(edition) (addenda) (code case(s))
7. Applicable edition of ASME Code Section XI under which repairs, modifications, replacements were made:  
N/A N/A N/A  
(edition) (addenda) (code case(s))
8. Applicable edition of Construction Code under which repairs, modifications, replacements were made:  
ASME Section III 1986 NONE NONE  
(edition) (addenda) (code case(s))
9. Design Responsibilities: American Electric Power Service Corporation
10. Tests conducted: hydrostatic ☐ pneumatic ☐ design pressure ☐ psi code case(s)       
Note: No welding on pressure boundary
11. Description of work Welded repairs to manway I - bolt retainer lugs  
(use of additional sheet(s) or sketch(s) is acceptable if properly identified)

12. Remarks: Welded repairs were performed on the lugs, no welding on the pressure boundary.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and the repair, modification of the items described above conforms to Section XI of the ASME Code and the National Board rules as defined in the publication NB-102, current edition.

Certificate of Authorization no. 41 to use the "NR" stamp expires Mar. 9, 1995.

Date: Nov. 16, 1992. Signed UE & C Catalytic  Gordon Powers  Project Eng'r.  
(repair organization) (authorized rep.) (title)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors, and certificate of competency issued by the state or province of Michigan and employed by Arkwright Mutual Ins. Co. \* of Norwood, Mass. have inspected the repair, modification or replacement described in this report on Sept 24, 1992 and state that to the best of my knowledge and belief, this repair, modification or replacement has been made in accordance with Section XI of the ASME Code and the National Board rules as defined in the publication NB-102, current edition. By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair, modification or replacement described in this report. Furthermore, neither the Inspector nor his employer shall be 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 Nov. 16, 1992. Signed MR. Montross  
(Inspector)  
Commissions Mich 0055, END NET  
(Natl. pd. No. (including endorsement(s) state province and Number)

\*Factory Mutual System

INDIANA MICHIGAN POWER COMPANY  
J.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 12-04-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-2072-04, RFC-3075  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System COMPONENT COOLING WATER SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983  
ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-ACCW-R5002							
1/4"X3"X3" TUBE STEEL	N/A	N/A	N/A	SA-500 GRB ASP-8034	N/A	REPLACE-MENT	NO
3/4" PLATE	N/A	N/A	N/A	SA-36 ASP-12776	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL NEW COMPONENTS ON SUPPORT 1-ACCW-R5002 TO RETURN THE SUPPORT TO ITS REQUIRED DESIGN BASIS.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-147  
Page 281

## FORM NIS-2 (Back)

9. Remarks INSTALLED NEW 1/4" X 3" X 3" TUBE STEEL & 3/4" PLATE TO  
Applicable Manufacturer's Data Reports to be attached
- RETURN THE SUPPORT 1-ACCW-R5002 TO ITS REQUIRED DESIGN BASIS
- PER RFC-3075.
- ASME CLASS III / ISI CLASS II J.O. C-2072-04

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed *[Signature]* Date 12/15, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 1-7-92 to 12-17-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

\*FACTORY MUTUAL SYSTEM

Date 12-17 19 92

NIS92-147

INDIANA MICHIGAN POWER COMPANY  
 J.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 12-04-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 3  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-2072-04, RFC-3075  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System COMPONENT COOLING WATER SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983

**ADDENDA**

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-ACCW-R5001							
1" HILTI (HKB II)	N/A	N/A	N/A	HILTI KBII ASP-14640	N/A	REPLACE-MENT	NO
1" PLATE	N/A	N/A	N/A	SA-36 ASP-11797	N/A	REPLACE-MENT	NO
3/8"X6"X6" TUBE STEEL	N/A	N/A	N/A	SA-500 GRB ASP-14591	N/A	REPLACE-MENT	NO
1/4"X3"X3" TUBE STEEL	N/A	N/A	N/A	SA-500 GRB ASP-12087	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL NEW COMPONENTS ON SUPPORT 1-ACCW-R5001 TO RETURN THE SUPPORT TO ITS REQUIRED DESIGN BASIS.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-148  
Page 283

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12-04-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 3  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
Name  
One Cook Place, Bridgman, MI 49106 J.O. C-2072-04, RFC-3075  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System COMPONENT COOLING WATER SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,  Add.  Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983  
**ADDENDA**

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-ACCW-R5001							
3/4" PLATE	N/A	N/A	N/A	SA-36 ASP-12776	N/A	REPLACE-MENT	NO
1/4" PLATE	N/A	N/A	N/A	SA-36 ASP-13747	N/A	REPLACE-MENT	NO
1/2" PLATE	N/A	N/A	N/A	SA-36 ASP-12145	N/A	REPLACE-MENT	NO

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

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-148A  
Page 284



## FORM NIS-2 (Back)

9. Remarks INSTALLED NEW COMPONENTS TO MODIFY SUPPORT 1-ACCW-R5001 TO  
Applicable Manufacturer's Data Reports to be attached
- RETURN THE SUPPORT TO ITS REQUIRED DESIGN BASIS PER RFC-3075.
- MODIFICATIONS RESULTED FROM EQE SMALL BORE PIPE STUDY.
- ASME CLASS II / ISI CLASS II J.O. C-2072-04

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed *John W. Smith* SL. Compliance Auditor Date 12/15, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 1-17-92 to 12-17-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\*FACTORY MUTUAL SYSTEM

Date 12-17 19 92

NIS92-148

INDIANA MICHIGAN POWER COMPANY  
 J.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 12-07-92  
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. C10939-02, RFC-N/A  
Address Repair Org. 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 12/31/92
4. Identification of System REACTOR COOLANT SYSTEM
5. (a) Applicable Const. Code ASME SEC.III1965 Ed., 'W'66 Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983  
ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-OME-4							
BOLT PRZ M/WAY	N/A	N/A	N/A	SA-193 GRB7 ASP-9590	N/A	REPLACE-MENT	NO
BOLT PRZ M/WAY	N/A	N/A	N/A	SA-193 GRB7 ASP-10128	N/A	REPLACE-MENT	NO

7. Description of Work INSTALL 3 NEW BOLTS AT THE UPPER PRESSURIZER MANWAY ON 1-OME-4.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-150  
Page 286

## FORM NIS-2 (Back)

9. Remarks INSTALLED 3 NEW BOLTS AT THE UPPER PRESSURIZER MANWAY ON  
Applicable Manufacturer's Data Reports to be attached
- 1-OME-4. CERT. OF COMPLIANCE FOR SA-193 GR B7 BOLTS PER ASME
- SEC.III 1983 Ed. THRU W'85. ACCEPTABLE VT-1 WAS PERFORMED.
- ASME CLASS I / ISI CLASS I J.O. C10939-02

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed John W. Smith Sr. President Auditor Date 12/15, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO. of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-17-92 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. W. J. Smith Commissions Mich. Bd. Ins., End. N.E.C.  
 Inspector's Signature National Board, State, Province, Endorsements

Date 12-17 19 92

\*FACTORY MUTUAL SYSTEM

NIS92-150

INDIANA MICHIGAN POWER COMPANY  
 J.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 9-30-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 7154-10, 1-MMO-230  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
ASME Section III, Class 2, 1986 Edition.  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MMO-230	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO

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

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

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 (Back)

9. Remarks The body ring seal weld and the poppet nut tack was removed and  
Applicable Manufacturer's Data Reports to be attached  
replaced due to disassembly of valve.

Ref. JO: C 7154-10 File: 1-MMO-230

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1-, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2/24/92 to 12-8-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Max H. Thompson  
 Inspector's Signature

Commissions Michigan, ENR NIT

National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date December 8 19 92

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 10-1-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 7150-11.3, 1-MMO-220  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
ASME Sec. III, Class 2, 1986 Edition  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes, or No)
1-MMO-220	EXISTING	N/A	N/A	N/A	N/A	REPAIRED	NO
BONNET STUD	Nova Machine Products Inc	N/A	N/A	SA-193 grB7 ASP# 13301	1990	REPLACED	NO

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

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

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 (Back)**

9. Remarks Remove/replace the body ring seal weld and tack to the poppet  
Applicable Manufacturer's Data Reports to be attached

nut. A bonnet stud was replaced. The applicable AEP Design/

Procurement Specification: DCCPV1050CN.

Ref. JO: C 7150-3.11 File: 1-MMO-220

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 8-24-72 to 12-14-72, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Michigan, End NCT  
National Board, State, Province, Endorsements

**\*FACTORY MUTUAL SYSTEM**

Date Dec. 14 19 92

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 10-1-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 10598-1, 1-GFW-V-143, HANGER  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System FEEDWATER SYSTEM PIPING SUPPORT
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
1-GFW-V-143							
HANGER ROD	BERGEN-PATERSON	N/A	N/A	ASTM A-36-89 ASP# 15478	1992	REPLACED	NO

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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



## FORM NIS-2 (Back)

9. Remarks Replaced the hanger rod which was mechanically installed. The  
Applicable Manufacturer's Data Reports to be attached

applicable AEP design/procurement specification: DCCPV402OCN.

Ref. JO: C 10598-1

File: 1-GFW-V-143

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Piskarsky, Maint. Eng. Supervisor Date 12-1, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-29-92 to 12-1-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

John R. Winterman  
 Inspector's Signature

Commissions Mich. D055, ENDORSE  
 National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date December 1 19 92

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-2-17-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 4350-3.5 1-MRV-210  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-MRV-210							
BONNET/BODY THREADED STUD HOLES	EXISTING	N/A	N/A	SA-216 grade WCB	N/A	REPAIRED	NO
TOP STUDS	Atwood Morrill	N/A	N/A	SA-193 grB7 ASP# 15332	1992	REPLACED	NO
NUTS	Atwood Morrill	N/A	N/A	SA-194 gr2H ASP# 15263	1992	REPLACED	NO
VENT PIPE	EXISTING	N/A	N/A	SA-106 grade B	N/A	REPAIRED	NO

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

## FORM NIS-2 (Back)

9. Remarks Due to damage incurred during disassembly of the valve, some  
Applicable Manufacturer's Data Reports to be attached

some studs and nuts were replaced and bonnet/body holes retapped-  
to facilitate installation. The vent pipe was also cut and re-  
welded for purpose of valve disassembly. Code of Construction  
of fasteners: ASME Sec.II, 1986 Ed. no Addenda./// ASME Sec.III  
Class 1, 1989 Edition, 1991 Addenda.

Ref. JO: C 4350-3.5 File: 1-MRV-210

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 1-4, 1993  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 2-5-92 to 1-5-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Mutuspaugh Commissions Mich 0055, ENR N.Y.I.  
 Inspector's Signature National Board, State, Province, Endorsements

Date 1-5 19 93

\*FACTORY MUTUAL SYSTEM

INDIANA MICHIGAN POWER COMPANY  
 J.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 10-2-92  
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. C11647-01, RFC-N/A  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CIMCO Type Code Symbol Stamp V  
Name Authorization No. 0252-V  
P.O. BOX 218, Stevensville, Mi. 49127 Expiration Date 12/31/92  
Address
4. Identification of System CONTAINMENT SPRAY SYSTEM  
\* AEP Specifications / MDS Standards / ANSI B31.1-83 / AISC
5. (a) Applicable Const. Code \* 19 Ed.,                      Add.                      Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, W/S 1983

**ADDENDA**

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
3/8" PLATE	N/A	N/A	N/A	SA-240TP304 ASP-9509	N/A	REPLACE-MENT	NO
3/8" ANGLE 2" X 2"	N/A	N/A	N/A	SA-36 ASP-8108	N/A	REPLACE-MENT	NO
W4 X 13	N/A	N/A	N/A	SA-36 ASP-15351	N/A	REPLACE-MENT	NO

7. Description of Work REPLACE MISSING 3/8" SS LUG ON PIPE AND REPLACE ANGLE AND W4 X 13 ON SUPPORT 1-GCTS-L-13.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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

NIS92-118

## FORM NIS-2 (Back)

9. Remarks INSTALLED 3/8" X 1" X 1" PIPE LUG, ADDED WELD ON SECOND PIPE LUG,  
Applicable Manufacturer's Data Reports to be attached
- REPLACED 2" X 2" X 3/8" ANGLE AND W4 X 13 TO RETURN SUPPORT TO  
ITS ORIGINAL DESIGN AND OBTAINED PROPER GAPS. VT-3 ACCEPTABLE.
- ASME CLASS II / ISI CLASS II J.O. C-11647-01

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed London Town Project Engr. Date 10-5, 1992  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9-14-92 to 10-6-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

on m. town Commissions Mich 0055, ENDRIT  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date Oct, 6 19 92

NIS92-118

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 10-2-92  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 1  
Name  
One Cook Place, Bridgman, MI 49106 C 11666-4.5 1-SV-3-(3-4), vlvs  
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,  
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1-SV-3-3	EXISTING	N/A	N/A	N/A	N/A	REPLACED: (SWAPPED)	NO
1-SV-3-4	EXISTING	N/A	N/A	N/A	N/A	REPLACED: (SWAPPED)	NO
STUDS/NUTS	Cardinal Ind Products Inc	N/A	N/A	SA-193 grB7 ASP# 13301	1990	REPLACED	NO
STUDS/NUTS	Texas Bolt Co	N/A	N/A	SA-193 grB7 ASP# 7863	1985	REPLACED	NO
STUDS/NUTS	Texas Bolt Co	N/A	N/A	SA-193 grB7 ASP# 472	1975	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.

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 (Back)

9. Remarks These identical valves were swapped due to operability reasons  
Applicable Manufacturer's Data Reports to be attached  
with the fastener material replaced on 1-SV-3-3 upon reinstall-  
ation. Code of Construction/AEP Design/Procurement Specification:  
ASME Section III, Class 2, 1986 Edition/ DCCPM1050CN.

Ref. JO:C 11666-4.5 File: 1-SV-3-(3-4)

ISI: 2

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint. Eng. Supervisor Date 12-8, 19 92  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.\* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-8-92 to 12-9-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Frank Pisarsky Commissions Mich 0055, END N 12  
 Inspector's Signature National Board, State, Province, Endorsements

\*FACTORY MUTUAL SYSTEM

Date December 9 19 92

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

