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GIBSON,L.S. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
RECIP.NAME RECIPIENT AFFILIATION
MARTIN,J.B. Document Control Branch (Document Control Desk) See Report

SUBJECT: Forwards index & NIS-2 forms for work prformed during 1990 Refueling Outage at Unit 2.

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MA-2

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

AEP
INDIANA
MICHIGAN
POWER

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Attn: J.B. Martin

December 20, 1993

Dear Mr. Martin:

Attached is an index and NIS-2 forms for work performed during the 1990 Refueling Outage at the Donald C. Cook Nuclear Power Plant, Unit 2, State of Michigan, Number M-324232-M, located in Bridgman, Michigan. The Plant is owned by Indiana Michigan Power Company, One Summit Square, Ft. Wayne, Indiana 46802.

Most of the repairs and/or replacements (those marked with a * in the index) were reported after the 1990 outage. These NIS-2's have been Amended primarily to correct the Code of Construction used in Part 5a. Several other components (those not marked with a * in the index) were identified as a result of a Quality Assurance Audit as requiring reporting for disc/plug replacements. The two components marked with a "**" were worked during the 1992 outage, but were inadvertently overlooked during the reporting period.

The Repairs/Replacements were performed in accordance with ASME Section XI, 1983 Edition, Summer of 1983 Addenda.

Respectfully,

L.S. Gibson
Assistant Plant Manager
D.C. Cook Nuclear Plant

Attachment

c: File 100081

A001
1/1

9401120018 931220
PDR ADOCK 05000316
Q PDR

c: A.A.Blind,Jr. - w/o attachments
T.P.Beilman - w/o attachments
F.R.Pisarsky - w/o attachments
M.Muterspaugh - ANI
C.A.Freer - ISI
File #1.1A (Document Control)

9401120018

FORM NIS-2 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 09/10/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B007224, 2-CS-300W, 3" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-CS-300W							
DISC	VELAN VALVE	N/A	N/A	ASP-6113	1982	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED

FORM NIS-2 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 08/11/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B00122, 2-CS-321, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by SCALLY (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-CS-321							
B/B STUDS	ATWOOD & MORRILL	N/A	N/A	ASP-10891	1988	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED BODY/BONNET STUDS ON VALVE 2-CS-321
Applicable Manufacturer's Data Reports to be attached

STUDS PURCHASED PER SPECIFICATION DCCPV8330CN AND

P.O.02910-041-7X.

Ref. JO # B00122 File:ME-VAL-2-CS-321 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15-93, 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 10-20-90 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.K. Mutersbaugh Commissions Mich 0055, ENDD & I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 08/08/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B000124, 2-CS-329-L1, 3" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-CS-329L1							
STUDS	TEXAS BOLT	N/A	N/A	ASP-10375	1988	REPLCEMNT	NO
NUTS	NOVA MACHINE	N/A	N/A	ASP-11824	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks UNIT 2, REPLACED STUDS/NUTS ON VALVE 2-CS-329-L1.
Applicable Manufacturer's Data Reports to be attached

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV1050CN.

Ref. JO # B000124 File:ME-VAL-2-CS-329-L1 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 10-11-90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.K. Mutersbaugh Commissions Mich 0055, EN & N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 08/16/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B00108, 2-CS-523-1, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by FORD (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2CS-523-1							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLCEMNT	NO
B/B NUTS	TEXAS BOLT	N/A	N/A	ASP-4184	1981	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED BODY/BONNET STUDS/NUTS ON VALVE 2-CS-523-1
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN

REF. 12-MM-088

Ref. JO # B00108 File:ME-VAL-2-CS-523-1 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 12-20-90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Mutersbaugh Commissions Mich 0065, EA ON & I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 08/16/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B00128, 2-CS-523-2, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by LOVIN (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2CS-523-2							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLCEMNT	NO
B/B NUTS	TEXAS BOLT	N/A	N/A	ASP-4184	1981	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED BODY/BONNET STUDS/NUTS ON VALVE 2-CS-523-2
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN

REF. 12-MM-088

Ref. JO # B00128 File:ME-VAL-2-CS-523-2 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3·15, 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 12-20-90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions Mich0055, End N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 08/16/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B00109, 2-CS-523-3, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by YOUNG (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2CS-523-3							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLCEMNT	NO
B/B NUTS	TEXAS BOLT	N/A	N/A	ASP-4184	1981	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED BODY/BONNET STUDS/NUTS ON VALVE 2-CS-523-3
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN

REF. 12-MM-088

Ref. JO # B00109 File:ME-VAL-2-CS-523-3 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 12-20-90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Waterspaugh Commissions Mich 0055, Eng N II
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 08/16/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B00127, 2-CS-523-4, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MUNYON (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2CS-523-4							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLCEMNT	NO
B/B NUTS	TEXAS BOLT	N/A	N/A	ASP-4184	1981	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED BODY/BONNET STUDS/NUTS ON VALVE 2-CS-523-4
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN

REF. 12-MM-088

Ref. JO # B00127 File:ME-VAL-2-CS-523-4 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-16-, 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 12-20-90 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M A Mutersbaugh Commissions Mich 0055, ENG N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

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

As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 09/10/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B015290, 2-CS-535, 3" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-CS-535							
BONNET CH.	CONVAL, INC.	N/A	N/A	ASP-8593	1986	REPLCEMNT	NO
DISC	CONVAL, INC.	N/A	N/A	ASP-12589	1990	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [ ] Other [ ] Pressure 2600/2235 psi Test Temp. AMBIENT °F

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

FORM NIS-2 (Back)

Remarks UNIT 2, REPLACED BONNET CHAMBER AND DISC ON VALVE 2-CS-535.
Applicable Manufacturer's Data Reports to be attached

BONNET CHAMBER PURCHASED PER SPEC. DCCPV832OCN AND

P.O.72126-040-6X. DISC PURCHASED PER P.O. 02608-041-0X.

Ref. JO # B015290 File:ME-VAL-2-CS-535 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 N.P. Does for F.R.Pisarsky, Maint. Eng. Supervisor Date JULY 6, 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 7-27-93 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date July 27 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 09/10/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B015302, 2-CS-536, 4" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-CS-536							
DISC	CONVAL, INC.	N/A	N/A	ASP-12589	1990	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks UNIT 2, REPLACED DISC IN VALVE 2-CS-536.
Applicable Manufacturer's Data Reports to be attached

DISC PURCHASED PER P.O.02608-041-0X.

Ref. JO # B015302 File:ME-VAL-2-CS-536 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 4-13-93 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Mich 0055, End N, I
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-13 1993

FORM NIS-2 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 08/10/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B016726, 2-CS-536, 4" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-CS-536							
DISC	CONVAL, INC.	N/A	N/A	ASP-8934	1986	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

Remarks UNIT 2, REPLACED DISC IN VALVE 2-CS-536.
Applicable Manufacturer's Data Reports to be attached

DISC PURCHASED PER SPEC. DCCPV8320CN AND P.O.72126-040-6.

Ref. JO # B016726 File:ME-VAL-2-CS-536 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 4-13-93 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-13 1993

AMMENDED

FORM NIS-2 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 09/16/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B16546, 2-CTS-138W, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by ELLISOR (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CONTAINMENT SPRAY

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-CTS-138W	ALOYCO	N/A	N/A	N/A	N/A	REPAIRED	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, MACHINED .005" FROM GASKET SURFACE ON COVER TO
Applicable Manufacturer's Data Reports to be attached

VALVE 2-CTS-138W.

Ref. JO # B16546 File:ME-VAL-2-CTS-138W 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 8/8/90 to 10/23/90, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 05/22/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B18578, 2-DCR-320, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by RICE, HERRMAN, RAYCRAFT (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-DCR-320							
PLUG	HAMMEL-DAHL	N/A	N/A	ASP-11665	1988	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED VALVE PLUG FOR VALVE 2-DCR-320
Applicable Manufacturer's Data Reports to be attached

PLUG PURCHASED PER SPECIFICATION DCCPV702OCN AND

AND P.O. 02207-041-9.

Ref. JO # B18578 File:ME-VAL-2-DCR-320 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 5-25-90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Mutrospaugh Commissions Mich 0055, ENDNFI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 09/08/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B04819, 2-FW-S12, SNUBBER (Repair Org. P.O. No., Job No., etc)

3. Work Performed by WALLACE, REESE, ROHDY (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System FEEDWATER

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
SNUBBER 2-FW-S12	GRINNELL	11570	N/A	CYL. S/N 73352916-90	1973	REPLACED	NO
SNUBBER	GRINNELL	31279	N/A	CYL. S/N 78304284-19	1978	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED SNUBBER 2-FW-S12, S/N 11570 WITH S/N 31279
Applicable Manufacturer's Data Reports to be attached

SNUBBER PURCHASED PER ORIGINAL DESIGN CRITERIA

Ref. JO # B04819 File:ME-VAL-2-FW-S12 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 2-6-91 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 09/15/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B004820, 2-FW-S2U, SNUBBER (Repair Org. P.O. No., Job No., etc)

3. Work Performed by WALLACE, REESE, ROHDY (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System FEEDWATER

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
SNUBBER 2-FW-S2U							
TAPER PIN	GRINNELL	N/A	N/A	ASP-10364	1986	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED TAPER PIN ON SNUBBER 2-FW-S2U
Applicable Manufacturer's Data Reports to be attached

LOAD PIN PURCHASED PER SPECIFICATION DCCPV4020CN

Ref. JO # B004820 File:ME-VAL-2-FW-S2U 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 2-6-91 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Waterspaugh Commissions Mich 0055, ENDI NBI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 09/15/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B51200, 2-FW-S7, SNUBBER (Repair Org. P.O. No., Job No., etc)

3. Work Performed by WALLACE, REESE, ROHDY (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System FEEDWATER

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
SNUBBER 2-FW-S7	GRINNELL	11566	N/A	CYL. S/N 73352916-91	1973	REPLACED	NO
SNUBBER	GRINNELL	20616	N/A	CYL. S/N 76113248-31	1976	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED SNUBBER 2-FW-S7, S/N 11566 WITH S/N 20616
Applicable Manufacturer's Data Reports to be attached

SNUBBER PURCHASED PER ORIGINAL DESIGN CRITERIA

Ref. JO # B51200 File:ME-VAL-2-FW-S7 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 2-6-91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Mich 0055, EN & NB
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 05/17/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B50176, 2-GCTS-S115S, SNUBBER (Repair Org. P.O. No., Job No., etc)

3. Work Performed by HESS, DOBBINS, BACKUS (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CONTAINMENT SPRAY

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
SNUBBER 2-GCTS-S115S	GRINNELL	18522	N/A	CYL. S/N 75503196-87	1975	REPLACED	NO
SNUBBER	GRINNELL	31256	N/A	CYL. S/N 76181172-132	1976	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED SNUBBER 2-GCTS-S115S, S/N 18522 WITH
Applicable Manufacturer's Data Reports to be attached

S/N 31256. SNUBBER PURCHASED TO ORIGINAL DESIGN CRITERIA

Ref. JO # B50176 File:ME-VAL-2-GCTS-S115S 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 F.R. Pisarsky, Maint. Eng. Supervisor Date 3/15, 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 1-28-91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 05/16/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B50175, 2-GCTS-S116W, SNUBBER (Repair Org. P.O. No., Job No., etc)

3. Work Performed by IMLER, ALLENSPACH, LAYMAN (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System CONTAINMENT SPRAY

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
SNUBBER 2-GCTS-S116W	GRINNELL	28518	N/A	CYL. S/N 76124910-148	1976	REPLACED	NO
SNUBBER	GRINNELL	31260	N/A	CYL. S/N R78317496-9	1978	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED SNUBBER 2-GCTS-S116W, S/N 28518 WITH
Applicable Manufacturer's Data Reports to be attached

S/N 31260. SNUBBER PURCHASED TO ORIGINAL DESIGN CRITERIA

Ref. JO # B50175 File:ME-VAL-2-GCTS-S116W 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 2-6-91 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 09/04/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B07221, 2-GRC-S609, SNUBBER (Repair Org. P.O. No., Job No., etc)

3. Work Performed by REESE, IMLER (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
SNUBBER 2-GRC-S609							
CONTROL VALVE	GRINNELL	AH-1575	N/A	SNUBBER S/N 12980	1977	REPLACED	NO
CONTROL VALVE	GRINNELL	41-2861	N/A	ASP-11636	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED CONTROL VALVE ON SNUBBER 2-GRC-S609
Applicable Manufacturer's Data Reports to be attached

CONTROL VALVE PURCHASED PER SPECIFICATION DCCPV4020CN

Ref. JO # B07221 File:ME-VAL-2-GRC-S609 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-28-91 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Mattingaugh Commissions Mich 0055, Ency NB
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 09/25/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B004526, 2-GRC-S629, SNUBBER (Repair Org. P.O. No., Job No., etc)

3. Work Performed by WALLACE (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
SNUBBER 2-GRC-S629							
LOAD PIN	GRINNELL	N/A	N/A	ASP-10364	1986	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED LOAD PIN ON SNUBBER 2-GRC-S629
Applicable Manufacturer's Data Reports to be attached

LOAD PIN PURCHASED PER SPECIFICATION DCCPV4020CN

Ref. JO # B004526 File:ME-VAL-2-GRC-S629 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 2-6-91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Mattingsburgh Commissions Mich 0055, End N&T
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 07/02/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B016537, 2-IFX-215-OR, ORIFICE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by SMITH (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System CONTAINMENT SPRAY

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
ORIFICE 2IFX-215OR							
STUDS/NUTS	CARDINAL	N/A	N/A	ASP-10614	1988	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F.

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED STUDS/NUTS FOR ORIFICE 2-IFX-215-OR
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN

REF. JO# B016537 FILE:ME-VAL-2-IFX-215-OR 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-10-91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Mutispaugh Commissions Mich 0055, End N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

AMMENDED

FORM NIS-2 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 07/02/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B016741, 2-IFX-220-OR, ORIFICE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by VERN (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CONTAINMENT SPRAY

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
ORIFICE 2IFX-220OR							
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-10818	1988	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED STUDS/NUTS FOR ORIFICE 2-IFX-220-OR
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN

REF. JO# B016741 FILE:ME-VAL-2-IFX-220-OR 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-10-91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 4-3-92

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit # 2

One Cook Place, Bridgman, MI 49106 (Address) — C 4362-4 2-IMO-316, fasteners (Repair Org. P.O. No., Job No., etc)

3. Work Performed by Maintenance Department (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System RESIDURAL 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
2-IMO-316							
BONNET STUDS & NUTS	Cardinal Ind. Products Inc.	N/A	N/A	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.

FORM NIS-2 (Back)

9. Remarks UNIT# 2, REPLACED BONNET STUDS AND NUTS DUE TO UNIDENTIFIABILITY
Applicable Manufacturer's Data Reports to be attached

Code of Construction to which fasteners were manufactured: ASME B&PV, SEC.III, Class 2, Subsection NC, 1986 Edition

Ref. JO: C 4362-4 File: 2IMO-316 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky, Maint.Eng.Supervisor (Owner or Owner's Designee, Title) Date 2-4-93, 19 93

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-3-92 to _____, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature _____ Commissions Mich 0055, EN & N&I
National Board, State, Province, Endorsements

*FACTORY MUTUAL ~~SYSTEM~~ ENGINEERING ASSOCIATION

Date Feb 4 19 93

AMMENDED

FORM NIS-2 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 08/17/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B018041, 2-IMO-325, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by ELLENER (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System SAFETY INJECTION

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-IMO-325							
STUDS/NUTS	BAYLINE BOLT	N/A	N/A	ASP-2140	1979	REPLCEMNT	NO
STUDS/NUTS	CARDINAL	N/A	N/A	ASP-11683	1989	REPLCEMNT	NO
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-11909	1989	REPLCEMNT	NO
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-12413	1988	REPLCMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED

FORM NIS-2 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 08/20/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B016836, 2-IMO-326, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MATHEAS (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System SAFETY INJECTION

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-IMO-326							
STUDS/NUTS	BAYLINE BOLT	N/A	N/A	ASP-2140	1979	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED B/B STUDS/NUTS ON VALVE 2-IMO-326
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPM1050CN

Ref. JO # B016836 File:ME-VAL-2-IMO-326 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-10-91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. R. Mutrasgaugh Commissions Mich 0055, Ency N & E
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-16 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 08/23/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B016699, 2-IPX-254-V1 3/4" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System SAFETY INJECTION

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2IPX-254V1	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks UNIT 2, REMOVED ARC MARKS FROM VALVE BONNET BY FILING ON
Applicable Manufacturer's Data Reports to be attached

VALVE 2-IPX-254-V1.

Ref. JO # B016699 File:ME-VAL-2-IPX-254-V1 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 4-13-93 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions MICL0055, ENGINEER
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-13 1993

AMMENDED

FORM NIS-2 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 01/20/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B006833, 2-MCM-231, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by STERNBERGER (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-MCM-231	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
BONNET	ROCKWELL INT.	N/A	N/A	ASP-11082	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED BONNET AND REPAIRED BODY ON VALVE 2-MCM-231
Applicable Manufacturer's Data Reports to be attached

BONNET PURCHASED PER P.O.07590-041-8X. REPAIRS PERFORMED PER

WPS'S 15.5 AND 20.3

Ref. JO # B006833 File:ME-VAL-2-MCM-231 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3 15, 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 1-10-91 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 01/24/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B011574, 2-MRV-210, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N-416 Code Case

   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-MRV-210	ATWOOD & MORRILL	N/A	N/A	N/A	N/A	REPAIRED	NO
STUDS/NUTS	A & M	N/A	N/A	ASP-461	1974	REPLCEMNT	NO
STUDS/NUTS	A & M	N/A	N/A	ASP-8391	1984	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED B/B STUDS/NUTS & PERFORMED WELD REPAIR OF
Applicable Manufacturer's Data Reports to be attached

VENT LINE PER WPS 1.1 ON VALVE 2-MRV-210. REF. 02-MM-079

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV8030CN

Ref. JO # B011574 File:ME-VAL-2-MRV-210 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3.15, 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 1-10-91 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions MICH 0055, ENG NBI
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 07/09/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B012012, 2-MRV-211, 2" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-MRV-211							
PLUG	FISHER CNTRLS	N/A	N/A	ASP-12122	1987	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED PLUG IN VALVE 2-MRV-211.
Applicable Manufacturer's Data Reports to be attached

PLUG DEDICATED PER DEDICATION PLAN DCCPV12DP071, REV.0.

Ref. JO # B012012 File:ME-VAL-2-MRV-211 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-13-93 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-13 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 01/23/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B012013, 2-MRV-212, 2" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-MRV-212							
PLUG	FISHER CNTRLS	N/A	N/A	ASP-12013	1990	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED PLUG IN VALVE 2-MRV-212.
Applicable Manufacturer's Data Reports to be attached

PLUG PURCHASED PER SPECIFICATION DCCPV702OCN AND

P.O.02316-041-9X.

Ref. JO # B012013 File:ME-VAL-2-MRV-212 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 4-13-93 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-13 1993

AMMENDED
FORM NIS-2 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 01/19/90 & 01/24/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B001150/B11576, 2-MRV-220,VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N-416 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-MRV-220	ATWOOD & MORRILL	N/A	N/A	N/A	N/A	REPAIRED	NO
STUD	NOVA MACHINE	N/A	N/A	ASP-12000	1990	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPAIRED BODY FLANGE HOLE AND FABRICATED STUDS FROM
Applicable Manufacturer's Data Reports to be attached

BAR STOCK PURCHASED PER DCCPV1050CN. REF. 02-MM-079

CUT AND REWELDED VENT LINE USING WPS 1.1
B001150/
Ref. JO # B011576 File:ME-VAL-2-MRV-220 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-10-91 to _____, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Mitchspaugh Commissions Mich 0055, ENG NBT
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 01/18/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B003101, 2-MRV-222, 2" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-MRV-222							
PLUG	FISHER CNTRLS	N/A	N/A	ASP-10924	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED PLUG IN VALVE 2-MRV-222.
Applicable Manufacturer's Data Reports to be attached

PLUG PURCHASED PER P.O.00521-041-9X.

Ref. JO # B003101 File:ME-VAL-2-MRV-222 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-13-93 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Mich 0055, EN & N II
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-13 19 93

AMMENDED

FORM NIS-2 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 02/05/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B000300, 2-MRV-223, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-MRV-223	FISHER	N/A	N/A	N/A	N/A	REPAIRED	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPAIRED DAMAGED SEATING SURFACE ON BONNET & BONNET
Applicable Manufacturer's Data Reports to be attached

SPACER FOR VALVE 2-MRV-223, WELDED PER WPS 16.3 AND MACHINED TO ORIGINAL CONFIGURATION

Ref. JO # B000300 File:ME-VAL-2-MRV-223 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-30-90 to 2-14-90, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

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

As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 08/31/91

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B016330, 2-MRV-223, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-MRV-223	FISHER CNTRLS	N/A	N/A	N/A	N/A	REPAIRED	NO
PLUG	FISHER CNTRLS	N/A	N/A	ASP-11279	1989	REPLCEMNT	NO
STUDS	DUBOSE STEEL	N/A	N/A	ASP-12579	1990	REPLCEMNT	NO
NUTS	CARDINAL IND.	N/A	N/A	ASP-13193	1990	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks Unit 2, REPAIRED DAMAGED SEALING SURFACE ON BODY & SPACER.
Applicable Manufacturer's Data Reports to be attached

REPLACED PLUG, STUDS AND NUTS. PLUG PURCHASED PER DCCPV702OCN.

STUDS PURCHASED PER DCCPV105OCN. NUTS PURCHASED PER ASME

SECTION III, 1986 EDITION AND P.O. #07295-041-0X.

Ref. JO # B016330 File:ME-VAL-2-MRV-223 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 9-7, 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 8/20/93 to 9/4/93, 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 K Mitcheson Commissions Mich 0055, EN & N/E
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 9/8 19 93

AMMENDED

FORM NIS-2 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 01/24/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B011578, 2-MRV-230, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N-416 Code Case

   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-MRV-230	ATWOOD & MORRILL	N/A	N/A	N/A	N/A	REPAIRED	NO
B/B STUDS	A & M	N/A	N/A	ASP-461	1974	REPLCEMNT	NO
B/B STUDS	A & M	N/A	N/A	ASP-7119	1984	REPLCEMNT	NO
B/B NUTS	A & M	N/A	N/A	ASP-461	1974	REPLCEMNT	NO
B/B NUTS	A & M	N/A	N/A	ASP-8391	1990	REPLCMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks UNIT 2, REPLACED B/B STUDS/NUTS & PERFORMED WELD REPAIR OF
Applicable Manufacturer's Data Reports to be attached

VENT LINE PER WPS 1.1 ON VALVE 2-MRV-230, REF. 02-MM-079.

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV8030CN

Ref. JO # B011578 File:ME-VAL-2-MRV-230 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-12-90 to 1-22-90, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.A. Mutersbaugh Commissions Mich 0055, EnDNFI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 05/11/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B018393, 2-MRV-232, 2" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-MRV-232							
PLUG	FISHER CNTRLS	N/A	N/A	ASP-12122	1987	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED PLUG IN VALVE 2-MRV-232.
Applicable Manufacturer's Data Reports to be attached

PLUG DEDICATED PER DEDICATION PLAN DCCPV12DP071, REV.0 AND

P.O.34548-040-7Y.

Ref. JO # B018393 File:ME-VAL-2-MRV-232 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-5, 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-13-93 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Mathiasmeyer Commissions Mich 0055, Eng & N.B.
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-13 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 01/11/91

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B013353, 2-MRV-233, 6" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-MRV-233							
PLUG	FISHER CNTRLS	N/A	N/A	ASP-9560	1987	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED PLUG IN VALVE 2-MRV-233.
Applicable Manufacturer's Data Reports to be attached

PLUG PURCHASED PER SPECIFICATION DCCPV702OCN AND

P.O.04029-041-6X.

Ref. JO # B013353 File:ME-VAL-2-MRV-233 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-13-93 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Mich 0055, Enol NBI
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-13 19 93

AMMENDED

FORM NIS-2 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 01/24/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B011580, 2-MRV-240, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N-416 Code Case

   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-MRV-240	ATWOOD & MORRILL	N/A	N/A	N/A	N/A	REPAIRED	NO
STUD	A & M	N/A	N/A	ASP-461	1974	REPLCEMNT	NO
NUT	A & M	N/A	N/A	ASP-7119	1982	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED B/B STUD/NUT, CUT AND REWELDED VENT LINE
Applicable Manufacturer's Data Reports to be attached

PER WPS 1.1 ON VALVE 2-MRV-240 REF. 02-MM-079

STUD AND NUT PURCHASED PER SPECIFICATION DCCPV8030CN

Ref. JO # B011580 File:ME-VAL-2-MRV-240 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-12-90 to 1-22-90, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Mutsspaugh Commissions Mich 0055, End NDE
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 10/17/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B54408, 2-MS-135-1, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by BARINKA, BRINKS, NANCE (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-MS-135-1	HANCOCK	N/A	N/A	N/A	N/A	REPLACED	NO
VALVE	VOGT MACHINE	N/A	N/A	ASP-12187	1989	REPLCEMNT	NO
2" SCH. 80 PIPE (CS)	RADNOR ALLOYS	N/A	N/A	ASP-12091	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED VALVE AND 2" CS SCH 80 PIPE. REF. 12-MM-22.86
Applicable Manufacturer's Data Reports to be attached

WELDED PER WPS 1.1. VALVE PURCHASED PER SPECIFICATION

DCCPV830OCN. PIPE PURCHASED PER SPECIFICATION DCCPV105OCN.

Ref. JO # B54408 File:ME-VAL-2-MS-135-1 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 10-16-90 to 11/5/90, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 10/17/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B008101, 2-MS-135-2, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by GRAVENMIER, BRINKS (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-MS-135-2	HANCOCK	N/A	N/A	N/A	N/A	REPLACED	NO
VALVE	VOGT MACHINE	N/A	N/A	ASP-12187	1989	REPLCEMNT	NO
2" SCH. 80 PIPE (CS)	CAPITAL PIPE & STEEL PROD.	N/A	N/A	ASP-10859	1986	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED VALVE AND 2" CS SCH 80 PIPE, REF. 12-MM-22
Applicable Manufacturer's Data Reports to be attached

WELDED PER WPS'S 1.1 AND 20.1. VALVE PURCHASED PER SPECIFICATION DCCPV8300CN. PIPE PURCHASED PER SPECIFICATION DCCPV1050CN.

Ref. JO # B008101 File:ME-VAL-2-MS-135-2 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 7-24-90 to 10-12-90, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Mutersbaugh Commissions Mich 0055, ENG N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 07/29/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B005138, 2-MS-135-3, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-MS-135-3	HANCOCK	N/A	N/A	N/A	N/A	REPLACED	NO
VALVE	VOGT MACHINE	N/A	N/A	ASP-12187	1989	REPLCEMNT	NO
2" SCH. 80 PIPE (CS)	DUBOSE STEEL	N/A	N/A	ASP-10859	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED VALVE AND 2" CS SCH 80 PIPE. REF. 12-MM-22
Applicable Manufacturer's Data Reports to be attached

WELDED PER WPS 1.1. VALVE PURCHASED PER SPECIFICATION

DCCPV8300CN. PIPE PURCHASED PER SPECIFICATION DCCPV1050CN.

Ref. JO # B005138 File:ME-VAL-2-MS-135-3 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3/15, 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 7-17-90 to 10-12-90, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 1993

AMMENDED

FORM NIS-2 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 10/17/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B54410, 2-MS-135-4, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by ANTHONY, McCLELLEN (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-MS-135-4	HANCOCK	N/A	N/A	N/A	N/A	REPLACED	NO
VALVE	VOGT MACHINE	N/A	N/A	ASP-12187	1989	REPLCEMNT	NO
2" SCH. 80 PIPE (CS)	RADNOR ALLOYS	N/A	N/A	ASP-12091	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED VALVE AND 2" CS SCH 80 PIPE. REF. 12-MM-22
Applicable Manufacturer's Data Reports to be attached

WELDED PER WPS 1.1. VALVE PURCHASED PER SPECIFICATION

DCCPV830OCN. PIPE PURCHASED PER SPECIFICATION DCCPV105OCN.

Ref. JO # B54410 File:ME-VAL-2-MS-135-4 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3 15, 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 10-16-90 to 11-5-90, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 1993

AMMENDED

FORM NIS-2 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 09/15/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — A004818, 2-MSS-4, SNUBBER (Repair Org. P.O. No., Job No., etc)

3. Work Performed by REESE, WALLACE, ROHDY (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
SNUBBER 2-MSS-4	GRINNELL	11581	N/A	CYL. S/N 73212356	1973	REPLACED	NO
SNUBBER	GRINNELL	18192	N/A	CYL. S/N 76132191-4	1976	REPLCEMNT	NO
ROD EYE	GRINNELL	N/A	N/A	ASP-1209	1977	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED SNUBBER AND ROD EYE ON 2-MSS-4
Applicable Manufacturer's Data Reports to be attached

SNUBBER PURCHASED PER ORIGINAL DESIGN SPECIFICATION. ROD EYE

PURSHASED PER SPECIFICATION DCCPV402QCN

Ref. JO # A004818 File:ME-VAL-2-MSS-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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-28-91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.K. Mutersbaugh Commissions Mich 0055, Ency N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 09/04/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B004664, 2-NRV-151, 3" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-NRV-151							
PLUG	DRESSER IND.	N/A	N/A	ASP-9022	1986	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

Remarks UNIT 2, REPLACED PLUG IN VALVE 2-NRV-151.
Applicable Manufacturer's Data Reports to be attached

PLUG PURCHASED PER SPECIFICATION DCCPV702OCN AND

P.O.00487-041-5X.

Ref. JO # B004664 File:ME-VAL-2-NRV-151 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 5-13-93 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Mich 0055, ENGNIS
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 5-13 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 10/29/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B015468, 2-NRV-151, 3" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-NRV-151							
PLUG	DRESSER IND.	N/A	N/A	ASP-10047	1988	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks UNIT 2, REPLACED PLUG IN VALVE 2-NRV-151.
Applicable Manufacturer's Data Reports to be attached

PLUG PURCHASED PER SPECIFICATION DCCPV702OCN AND

P.O.05862-041-7X.

Ref. JO # B015468 File:ME-VAL-2-NRV-151 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 5-21, 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 5/21/93 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions Mich 0955, End N5E
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 5/21 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 08/23/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B004665, 2-NRV-152, 3" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-NRV-152							
PLUG	MASONEILAN	N/A	N/A	ASP-9239	1986	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED PLUG IN VALVE 2-NRV-152.
Applicable Manufacturer's Data Reports to be attached

PLUG PURCHASED PER SPECIFICATION DCCPV702OCN.

Ref. JO # B004665 File:ME-VAL-2-NRV-152 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-13-93 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M A Mutzenpaugh Commissions MICL 0055, ENI & I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-13 19 93

AMMENDED

FORM NIS-2 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 09/04/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B004666, 2-NRV-153, 3" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-NRV-153							
PLUG	MASONEILAN	N/A	N/A	ASP-9239	1986	REPLCEMNT	NO
B/B STUDS	HDW. SPEC. CO	N/A	N/A	ASP-9611	1987	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks UNIT 2, REPLACED PLUG AND B/B STUDS ON VALVE 2-NRV-153.
Applicable Manufacturer's Data Reports to be attached

STUDS PURCHASED PER SPECIFICATION DCCPV1050CN.

PLUG PURCHASED PER SPEC. DCCPV7020CN

Ref. JO # B004666 File:ME-VAL-2-NRV-153 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3 15, 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 2-6-91 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions Mich 0055, ENDNEI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

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

As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 08/20/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B008108, 2-NRV-163, 4" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-NRV-163							
PLUG	COPES-VULCAN	N/A	N/A	ASP-10046	1987	REPLCEMNT	NO
STUDS STUDS	HDW. SPEC. CO TEXAS BOLT	N/A N/A	N/A N/A	ASP-10347 ASP-10508	1988 1988	REPLCEMNT REPLCEMNT	NO NO
NUTS	TEXAS BOLT	N/A	N/A	ASP-4458 ASP-6569	1980 1983	REPLCEMNT REPLCEMNT	NO NO
NUTS	NOVA MACHINE	N/A	N/A	ASP-10340	1988	REPLCMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED PLUG AND BODY-TO-SPACER AND SPACER-TO BONNET
Applicable Manufacturer's Data Reports to be attached

STUDS/NUTS ON VALVE 2-NRV-163. PLUG PURCHASED PER SPECIFICATION

DCCPV702OCN. STUDS/NUTS PURCHASED PER SPEC. DCCPV105OCN.

Ref. JO # B008108 File:ME-VAL-2-NRV-163 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-13-93 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Montgomery Commissions Mich 0055, End N/T
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-13 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 04/20/92

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — P.O.00557-041-2X,REPT. 42477-3 (Repair Org. P.O. No., Job No., etc)

3. Work Performed by WYLE LABORATORIES (Name) — Type Code Symbol Stamp N/A

HUNTSVILLE, ALABAMA 35807 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System STEAM GENERATOR SUPPORT

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
SNUBBER 2-OME-3-1-HSD-3L							
PISTON	McDOWELL WELLMAN	25.1262 0.007-9	N/A	N/A	1972	REPLCEMNT	NO
PISTON ROD	McDOWELL WELLMAN	25.1262 0.007-9	N/A	N/A	1972	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks UNIT 2, REPLACED PISTON AND PISTON ROD ON STEAM GENERATOR
Applicable Manufacturer's Data Reports to be attached

SNUBBER 2-OME-3-1-HSD-3L, S/N 25.12620.007-30. THE PARTS USED WERE SUCESSFULLY SALVAGED FROM S/N 25.12620.007-9 AND REFURBISHED. REF WYLE REPORT #42477-2, ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date _____, 19_____
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 5-13 19 93

AMMENDED

FORM NIS-2 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 06/12/89

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B006906, 2-PS-05, (Repair Org. P.O. No., Job No., etc)

3. Work Performed by BARINKA,BRINKS,WILLIAMS (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-PS-05	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit ~~1~~ 2 REPAIRED PIN HOLE LEAK IN TEE WELD OF 2-PS-05.
Applicable Manufacturer's Data Reports to be attached

WELDING PERFORMED PER WPS 20.1

Ref. JO # B006906 File:ME-VAL-2-PS-05 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 6-9-89 to 9-28-89, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 08/10/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B016844, 2-QRV-251, 3" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-QRV-251							
PLUG ASSY.	COPES-VULCAN	N/A	N/A	ASP-11159	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

Remarks UNIT 2, REPLACED PLUG ASSEMBLY ON VALVE 2-QRV-251.
Applicable Manufacturer's Data Reports to be attached

PLUG ASSY. PURCHASED PER P.O.72569-040-8X.

Ref. JO # B016844 File:ME-VAL-2-QRV-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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 4-12-93 to ———, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. R. Mutersbaugh Commissions Mich 0055, Ent & NBI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-12 1993

AMMENDED

FORM NIS-2 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 09/04/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B003799, 2-ORV-160, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by WAUGH, VERES (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-QRV-160							
STUDS/NUTS	NO. CENT. FST	N/A	N/A	ASP-272	1975	REPLCEMNT	NO
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-440	1975	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED B/B STUDS/NUTS ON VALVE 2-ORV-160
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPM1050CN.

Ref. JO # B003799 File:ME-VAL-2-ORV-160 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-22-91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Mutersbaugh Commissions Mich0055, ENDNFI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 08/18/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B018107, 2-QRV-161, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by ROGERS, DANKO, DUMAY (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-QRV-161							
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-440	1975	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED B/B STUDS/NUTS ON VALVE 2-ORV-161
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPM105OCN.

Ref. JO # B018107 File:ME-VAL-2-ORV-161 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-22-91 to ———, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 08/18/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B018108, 2-QRV-162, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by ROGERS, DANKO (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-QRV-162							
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-440	1975	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED B/B STUDS/NUTS ON VALVE 2-ORV-162
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPM1050CN.

Ref. JO # B018108 File:ME-VAL-1-ORV-162 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1/22/91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 09/03/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B016150, 2-QRV-303, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by YOUNG, WILLIAMS (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-QRV-303							
STUDS/NUTS	ENERGY STEEL	N/A	N/A	ASP-11909	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED FLANGE STUDS/NUTS ON VALVE 2-ORV-303
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN.

Ref. JO # B016150 File:ME-VAL-1-ORV-303 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 F.R.Pisarsky, Maint. Eng. Supervisor Date [illegible], 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 1/22/91 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Mutersbaugh Commissions Mich 0055, EN & N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 09/21/89

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B004697, 2-QRV-400, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by IVEY, BOLEY (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-QRV-400							
BONNET	ITT ENG. VLV.	N/A	N/A	ASP-11087	1989	REPLCEMNT	NO
STUDS/NUTS	ITT ENG. VLV.	N/A	N/A	ASP-11087	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED BONNET AND B/B STUDS/NUTS ON VALVE 2-ORV-400
Applicable Manufacturer's Data Reports to be attached

BONNET/STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV8380CN.

Ref. JO # B004697 File:ME-VAL-2-ORV-400 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 10-3-89 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions MICL0055, ENDNFI
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 08/18/90 & 09/29/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B004684, B005618, 2-QRV-51 (Repair Org. P.O. No., Job No., etc)

3. Work Performed by SELBY, MONFETTE, GOLDEN (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-QRV-51							
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-440	1975	REPLCEMNT	NO
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-11934	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED B/B STUDS/NUTS ON VALVE 2-ORV-161. STUDS WERE
Applicable Manufacturer's Data Reports to be attached

TOO LONG. REREPLACED SAME STUDS ON J.O.B005618 WITH CORRECT

STUDS. STUDS/NUTS PURCHASED PER DCCPM105OCN OR DCCPV105OCN.
B004684/
Ref. JO # B005618 File:ME-VAL-2-ORV-51 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-22-91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 10/05/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B015210, 2-RC-103L1, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by ROBINSON (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-RC-103L1							
BONNET	CONVAL, INC.	N/A	N/A	ASP-7690	1984	REPLCEMNT	NO
PLUG	CONVAL, INC.	N/A	N/A	ASP-7690	1984	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED BONNET ON VALVE 2-RC-103L1
Applicable Manufacturer's Data Reports to be attached

BONNET PURCHASED PER SPECIFICATION DCCPM8020CN AND

P.O.07946-041-4X.

Ref. JO # B015210 File:ME-VAL-2-RC-103L1 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 10-12-90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Mich0055, ENGNEE
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 08/08/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — 024760, 2-RC-103-L1, 2" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-RC-103L1							
DISC	CONVAL, INC.	N/A	N/A	ASP-11698	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED DISC IN VALVE 2-RC-103-L1.
Applicable Manufacturer's Data Reports to be attached

DISC PURCHASED PER SPEC. DCCPV830QCN AND P.O.08382-041-8X.

Ref. JO # 024760 File:ME-VAL-2-RC-103-L1 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-12-93 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Mutersbaugh Commissions Mich 0055, ENI & NBI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-12 19 93

AMMENDED

FORM NIS-2 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 11/03/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B013598, 2-RC-103L2, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by WAUGH, FORMAN, BOREN (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-RC-103L2							
BONNET	CONVAL INC.	N/A	N/A	ASP-7690	1984	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED BONNET ON VALVE 2-RC-103L2
Applicable Manufacturer's Data Reports to be attached

BONNET PURCHASED PER SPECIFICATION DCCPM8020CN AND

P.O.07946-041-4X.

Ref. JO # B013598 File:ME-VAL-2-RC-103L2 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 2-6-91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 10/20/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B53937, 2-RC-103L3, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by ROGOWSKI,BARINKA,SCALLY (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-RC-103L3							
BONNET	CONVAL, INC.	N/A	N/A	ASP-7690	1984	REPLCEMNT	NO
DISC	CONVAL, INC.	N/A	N/A	ASP-7690	1984	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED BONNET AND DISC ON VALVE 2-RC-103-L3.
Applicable Manufacturer's Data Reports to be attached

BONNET/DISC PURCHASED PER SPECIFICATION DCCPV8020CN AND

P.O.07946-041-4X.

Ref. JO # B53937 File:ME-VAL-2-RC-103L3 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-14-~~93~~ 91 to 1-16-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Mutzenpaugh Commissions Mich 0055, EndN&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 08/06/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — 024709, 2-RC-103L4, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by COX, COLWARD (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-RC-103L4							
BONNET	CONVAL INC.	N/A	N/A	ASP-7690	1984	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED BONNET ON VALVE 2-RC-103L4
Applicable Manufacturer's Data Reports to be attached

BONNET PURCHASED PER SPECIFICATION DCCPM8020CN AND

P.O.07946-041-4X.

Ref. JO # 024709 File:ME-VAL-2-RC-103L4 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 10/11/90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 09/16/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B002474, 2-RH-139, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MASON, GAISER (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System RESIDUAL HEAT REMOVAL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-RH-139							
STUDS/NUTS	CARDINAL	N/A	N/A	ASP-11938	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED STUDS/NUTS ON VALVE 2-RH-139
Applicable Manufacturer's Data Reports to be attached

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV1050CN AND

P.O.46685-042-9X.

Ref. JO # B002474 File:ME-VAL-2-RH-139 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Frank Pisarsky F.R.Pisarsky, Maint. Eng. Supervisor. Date 3-15, 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 1-14-91 to 1-16-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Mutersbaugh Commissions Mich 0055, EnD N I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 07/02/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B016742, 2-RO-18E, ORIFICE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by VERN (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CONTAINMENT SPRAY

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
ORIFICE 2-RO-18E							
STUDS	CARDINAL	N/A	N/A	ASP-10614	1988	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED FLANGE STUDS ON RESTRICTING ORIFICE
Applicable Manufacturer's Data Reports to be attached

2-RO-18E. STUDS PURCHASED PER SPECIFICATION DCCPV1050CN AND

P.O.39035-042-8.

Ref. JO # B016742 File:ME-VAL-2-RO-18E 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-14-91 to 1-16-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 08/14/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B018951, 2-SI-158L1, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by JONES (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System SAFETY INJECTION

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SI-158L1							
STUDS	CARDINAL	N/A	N/A	ASP-10636	1988	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED B/B STUDS ON VALVE 2-SI-158L1
Applicable Manufacturer's Data Reports to be attached

STUDS PURCHASED PER SPECIFICATION DCCPV1050CN AND

P.O.39664-042-8.

Ref. JO # B018951 File:ME-VAL-2-SI-158L1 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 10/11/90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 01/17/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B004670, 2-SI-158L1, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System SAFETY INJECTION

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SI-158L1							
STUDS	CARDINAL	N/A	N/A	ASP-10636	1988	REPLCEMNT	NO
COVER	ALOYCO	N/A	N/A	2-SI-158L3	N/A	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED B/B STUDS AND COVER ON VALVE 2-SI-158L1
Applicable Manufacturer's Data Reports to be attached

COVER WAS STAMPED 2-SI-158L3. STUDS PURCHASED PER SPECIFICATION DCCPV105OCN AND P.O.39664-042-8.

Ref. JO # B004670 File:ME-VAL-2-SI-158L1 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-22-90 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY (Name) — Date 09/28/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B002505, 2-SI-158-L2, 6" VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System SAFETY INJECTION

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SI-158L2							
DISC	WALWORTH CO.	N/A	N/A	ASP-3604	1980	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks UNIT 2, REPLACED DISC ON VALVE 2-SI-158-L2.
Applicable Manufacturer's Data Reports to be attached

DISC PURCHASED PER SPEC. DCCPV802QCN AND P.O.05987-251-9X.

Ref. JO # B002505 File:ME-VAL-2-SI-158-L2 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky/ Maint. Eng. Supervisor Date 3-15, 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-12-93 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-12- 19 93

AMMENDED

FORM NIS-2 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 09/08/89

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B000021, 2-SI-158L4, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System SAFETY INJECTION

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SI-158L4							
STUDS	HDW. SPEC. CO	N/A	N/A	ASP-10388	1988	REPLCEMNT	NO
NUTS	CARDINAL	N/A	N/A	ASP-10636	1988	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED B/B STUDS ON VALVE 2-SI-158L4
Applicable Manufacturer's Data Reports to be attached

STUDS PURCHASED PER SPECIFICATION DCCPV1050CN

Ref. JO # B000021 File:ME-VAL-2-SI-158L4 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-22-90 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Mutersbaugh Commissions Mich 0055, En & NFT
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 08/15/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B018952, 2-SI-158L4, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by ZOUCK (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System SAFETY INJECTION

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SI-158L4							
STUDS	CARDINAL	N/A	N/A	ASP-10636	1988	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED B/B STUDS ON VALVE 2-SI-158L4
Applicable Manufacturer's Data Reports to be attached

STUDS PURCHASED PER SPECIFICATION DCCPV105OCN AND

P.O.39664-042-8.

Ref. JO # B018952 File:ME-VAL-2-SI-158L4 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-22-91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED

FORM NIS-2 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 08/12/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B000057, 2-SI-170L1, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by BOGGS (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System SAFETY INJECTION

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SI-170L1							
STUDS	HDW. SPEC. CO	N/A	N/A	ASP-10356	1988	REPLCEMNT	NO
STUDS	HDW. SPEC. CO	N/A	N/A	ASP-10345	1988	REPLCEMNT	NO
NUTS	CARDINAL	N/A	N/A	ASP-10636	1988	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED B/B STUDS WITH SS STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 2-SI-170L1

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV1050CN.

Ref. JO # B000057 File:ME-VAL-2-SI-170L1 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 10-11-90 to ———, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-17 19 93

AMMENDED
FORM NIS-2 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 01/18/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B003100, 2-SI-170L3, VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System SAFETY INJECTION

5. (a) Applicable Const. Code ASME III 1968 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SI-170L3							
STUDS	HDW. SPEC. CO	N/A	N/A	ASP-9366	1987	REPLCEMNT	NO
STUDS	HDW. SPEC. CO	N/A	N/A	ASP-10345	1988	REPLCEMNT	NO
NUTS	HDW. SPEC. CO	N/A	N/A	ASP-10371	1988	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED B/B STUDS WITH SS STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 2-SI-170L3

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV1050CN.

Ref. JO # B003100 File:ME-VAL-2-SI-170L3 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3/15, 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 1-22-90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3/22 19 93

AMMENDED

FORM NIS-2 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 08/22/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B016147, 2-STN-42E, STRAINER (Repair Org. P.O. No., Job No., etc)

3. Work Performed by ROBINSON, DEAN (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System RESIDUAL HEAT REMOVAL

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
STRAINER S-STN-42E							
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-493	1976	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED STUD/NUT ON STRAINER 2-STN-42E
Applicable Manufacturer's Data Reports to be attached

STUD/NUT PURCHASED PER SPECIFICATION DCCPM105OCN AND

P.O.02004-251-5.

Ref. JO # B016147 File:ME-VAL-2-STN-42E 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1/22/91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M X Mutterspaugh Commissions Mich 0055, Encl N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3/22 19 93

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED OUTLET FLANGE STUDS/NUTS ON VALVE 2-SV-104E
Applicable Manufacturer's Data Reports to be attached

BOLTING PURCHASED PER SPECIFICATION DCCPV1050CN AND

P.O.38918-042-9.

Ref. JO # B000176 File:ME-VAL-2-SV-104E ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 12-30-90 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3/22 19 93

AMMENDED

FORM NIS-2 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 02/17/89

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — 032602, 2-SV-104E, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System RESIDUAL HEAT REMOVAL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-104E	CROSBY	N/A	N/A	N/A	N/A	REPLACED	NO
VALVE	CROSBY	CR-6115	N/A	ASP-8829	1982	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED VALVE 2-SV-104E.
Applicable Manufacturer's Data Reports to be attached

VALVE PURCHASED PER COMMONWEALTH EDISON P.O.256728, SENT TO

D.C.COOK AS A RETURN OF A LOANED VALVE.

Ref. JO # 032602 File:ME-VAL-2-SV-104E ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 1993
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3-3-89 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3/22 1993

AMMENDED

FORM NIS-2 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 02/17/89

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — 032641, 2-SV-104W, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System RESIDUAL HEAT REMOVAL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-104W	CROSBY	N/A	N/A	N/A	N/A	REPLACED	NO
VALVE	CROSBY	4-1	N/A	ASP-10076	1987	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED VALVE 2-SV-104W.
Applicable Manufacturer's Data Reports to be attached

VALVE PURCHASED PER P.O.01995-041-1X

Ref. JO # 032641 File:ME-VAL-2-SV-104W 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 3/3/89 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3/22 19 93

AMMENDED

FORM NIS-2 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 08/31/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B000177, 2-SV-105E, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System RESIDUAL HEAT REMOVAL

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-SV-105E							
STUDS/NUTS	CARDINAL	N/A	N/A	ASP-11683	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED FLANGE BOLTING ON VALVE 2-SV-105E
Applicable Manufacturer's Data Reports to be attached

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV105OCN AND

P.O.38918-042-9.

Ref. JO # B000177 File:ME-VAL-2-SV-105E ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1/14/91 to _____, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions MI 10055, ENDNYE
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3/22 1993

AMMENDED

FORM NIS-2 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 08/31/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B000178, 2-SV-105W, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System RESIDUAL HEAT REMOVAL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-105W							
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-11803	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED FLANGE BOLTING ON VALVE 2-SV-105W
Applicable Manufacturer's Data Reports to be attached

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV105OCN AND

P.O.37513-042-9X.

Ref. JO # B000178 File:ME-VAL-2-SV-105W 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3/15, 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 1-14-91 to 1-16-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3/22 19 93

AMMENDED

FORM NIS-2 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 07/31/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B050036, 2-SV-1A-2, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System MAIN-STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-1A-2							
DISC	DRESSER IND.	N/A	N/A	ASP-11128	1989	REPLCEMNT	NO
STUDS	NO. CENT. HDW	N/A	N/A	ASP-272	1975	REPLCEMNT	NO
STUDS	BAYLINE BOLT	N/A	N/A	ASP-3265	1980	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks UNIT 2, REPLACED DISC AND OUTLET STUDS ON 2-SV-1A-2.
Applicable Manufacturer's Data Reports to be attached

SEE ATTACHED CODE DATA REPORT.

STUDS PURCHASED PER SPECIFICATION DCCPM1050CN.

Ref. JO # A050036 File:ME-VAL-2-SV-1A-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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 5-13-93 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions Mich 0055, ENDNI I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 5-13 19 93

Industrial Valves | DRESSER

FORM N-2 N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

As Required by the Provisions of the ASME Code, Section III, Div. 1

Not To Exceed One Day's Production

1. Manufactured and certified by Dresser Industries, Inc., Dresser Valve & Controls Div., Industrial Valve North American Operations, Intersection Hwy. 167 & 3225 North, Alexandria, LA (name and address of certificate holder)
2. Manufactured for Indiana & Michigan Elec. Co., P.O. Box 60 Fort Wayne, IN 46801 (name and address of purchaser)
3. Location of installation Indiana & Mich. Power co., Cook Nuc. Plant, Bridgeman, MI 49106 (name and address)
4. Type OS283 Rev. 7 (drawing no.) A565 Gr.616 Cond."A" (mat'l spec no.) N/A (tensile strength) N/A (CRN) 1989 (year built)
5. ASME Code, Section III: 1968 (edition) Summer 1969 (addenda) 1 (class) N/A (Code Case No.)
6. Fabricated in accordance with Const. Spec.(Div. 2 only) N/A (No.) Revision N/A Date N/A
7. Remarks:
8. Nom. thickness(in.) N/A Min. design thickness (in.) N/A Dia.ID (ft.&in.) N/A Length overall (ft.&in.) N/A
9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) AAS51		(26)	
(2) AAS54		(27)	
(3) AAS57		(28)	
(4) AAS58		(29)	
(5) AAS59		(30)	
(6) AAS61		(31)	
(7) AAS62		(32)	
(8) AAS65		(33)	
(9) AAS66		(34)	
(10) AAS68		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	BY ABW
(22)		(47)	
(23)		(48)	DATE 3/27/89
(24)		(49)	
(25)		(50)	

10. Design pressure N/A psi Temp. N/A °F Hydro test pressure 2250 PSIG at temp.°F

*Supplemental information in form of lists, sketches or drawings may be used provided,(1) size is 8-1/2 x 11 (2) information in items 2 & 3 on this data report is included on each sheet, (3) sheet is numbered and number of sheets is recorded at top of this form, and (4) each additional sheet shall be signed by the Certificate Holder and the ANI.

AMMENDED

FORM NIS-2 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 08/01/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B002564, 2-SV-1A-3, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-1A-3							
STUDS/NUTS	NO. CENT. CO	N/A	N/A	ASP-272	1975	REPLCEMNT	NO
DISC	DRESSER, IND.	N/A	N/A	ASP-11128	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED DISC AND OUTLET STUTS/NUTS ON VALVE 2-SV-1A-3
Applicable Manufacturer's Data Reports to be attached

STUDS/NUTS PURCHASED PER SPEC. DCCPM105OCN AND P.O. S.M. 1433

DISC PURCHASED PER P.O.04979-041-8X, SEE ATT. CODE DATA SHEET.

Ref. JO # B002564 File:ME-VAL-2-SV-1A-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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 5-13-93 to _____, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Mich 0055, End NIS
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 5-13 19 93

Industrial Valves | DRESSER

FORM N-2 N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

As Required by the Provisions of the ASME Code, Section III, Div. 1

Not To Exceed One Day's Production

1. Manufactured and certified by Dresser Industries, Inc., Dresser Valve & Controls Div., Industrial Valve North American Operations, Intersection Hwy. 167 & 3225 North, Alexandria, LA (name and address of certificate holder)
2. Manufactured for Indiana & Michigan Elec. Co., P.O. Box 60 Fort Wayne, IN 46801 (name and address of purchaser)
3. Location of installation Indiana & Mich. Power co., Cook Nuc. Plant, Bridgeman, MI 49106 (name and address)
4. Type OS283 Rev. 7 (drawing no.) A565 Gr.616 Cond."A" (mat'l spec no.) N/A (tensile strength) N/A (CRN) 1989 (year built)
5. ASME Code, Section III: 1968 (edition) Summer 1969 (addenda) 1 (class) N/A (Code Case No.)
6. Fabricated in accordance with Const. Spec.(Div. 2 only) N/A (No.) Revision N/A Date N/A
7. Remarks:
8. Nom. thickness(in.) N/A Min. design thickness (in.) N/A Dia.ID (ft.&in.) N/A Length overall (ft.&in.) N/A
9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) AAS51		(26)	
(2) AAS54		(27)	
(3) AAS57		(28)	
(4) AAS58		(29)	
(5) AAS59		(30)	
(6) AAS61		(31)	
(7) AAS62		(32)	
(8) AAS65		(33)	
(9) AAS66		(34)	
(10) AAS68		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	BY ABW
(22)		(47)	
(23)		(48)	DATE 3/27/89
(24)		(49)	
(25)		(50)	

10. Design pressure N/A psi Temp. N/A °F Hydro test pressure 2250 PSIG at temp. °F

*Supplemental information in form of lists, sketches or drawings may be used provided, (1) size is 8-1/2 x 11 (2) information in items 2 & 3 on this data report is included on each sheet, (3) sheet is numbered and number of sheets is recorded at top of this form, and (4) each additional sheet shall be signed by the Certificate Holder and the ANI.

AMMENDED

FORM NIS-2 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 10/29/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B008166, 2-SV-1A-4, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-SV-1A-4							
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-12009	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED OUTLET FLANGE STUDS/NUTS FOR VALVE 2-SV-1A-4
Applicable Manufacturer's Data Reports to be attached

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPM105OCN AND

P.O.43207-042-9X.

Ref. JO # B008166 File:ME-VAL-2-SV-1A-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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 7-22-91 to ———, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. R. Mutarapaugh Commissions Mich 0055, E and N I T
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-22 19 93

AMMENDED

FORM NIS-2 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 07/31/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B50038, 2-SV-1B-2, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-1B-2							
DISC	DRESSER IND.	N/A	N/A	ASP-10495	1988	REPLCEMNT	NO
STUDS	TEXAS BOLT	N/A	N/A	ASP-472	1975	REPLCEMNT	NO
STUDS/NUTS	BAYLINE BOLT	N/A	N/A	ASP-3265	1980	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED DISC AND INLET/OUTLET FLANGE STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 2-SV-1B-2. DISC PURCHASED PER P.O.07950-041-7X.

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPM1050CN.

Ref. JO # B50038 File:ME-VAL-2-SV-1B-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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-10-93 to 7-8-93, 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.

Inspector's Signature Commissions MI-2 0055, EN & NSI
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date July 8 1993

AMMENDED

FORM NIS-2 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 08/09/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B50034, 2-SV-1B-4, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-1B-4							
FLNG. BOLT	NO. CENT. HDW	N/A	N/A	ASP-3693	1980	REPLCEMNT	NO
FLNG. NUTS	CARDINAL	N/A	N/A	ASP-11630	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED OUTLET FLANGE BOLTING ON VALVE 2-SV-1B-4.
Applicable Manufacturer's Data Reports to be attached

BOLTS/NUTS PURCHASED PER SPECIFICATION DCCPM1050CN

Ref. JO # B50034 File:ME-VAL-2-SV-1B-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 F.R.Pisarsky, Maint. Eng. Supervisor Date 9-30, 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 9/30/93 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions Mich 2055, End N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 10-1 19 93

AMMENDED

FORM NIS-2 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 07/31/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B002557, 2-SV-2A-2, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-2A-2							
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-472	1975	REPLCEMNT	NO
DISC	DRESSER, IND.	N/A	N/A	ASP-11128	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED DISC AND INLET BOLTING FOR 2-SV-2A-2.
Applicable Manufacturer's Data Reports to be attached

STUDS/NUTS PURCHASED PER SPEC. DCCPM105OCN ANDP.O.02004-251-5.

DISC PURCHASED PER P.O.04979-041-8X, SEE ATT. CODE DATA REPORT.

Ref. JO # B002557 File:ME-VAL-2-SV-2A-2 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 5-13-93 to _____, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Mich 0055, EN&NT
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 5-13 19 93

Industrial Valves | DRESSER

FORM N-2 N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES*
As Required by the Provisions of the ASME Code, Section III, Div. 1
Not To Exceed One Day's Production

1. Manufactured and certified by Dresser Industries, Inc., Dresser Valve & Controls Div., Industrial Valve North American Operations, Intersection Hwy. 167 & 3225 North, Alexandria, LA
(name and address of certificate holder)
2. Manufactured for Indiana & Michigan Elec. Co., P.O. Box 60 Fort Wayne, IN 46801
(name and address of purchaser)
3. Location of installation Indiana & Mich. Power co., Cook Nuc. Plant, Bridgeman, MI 49106
(name and address)
4. Type OS283 Rev. 7 (drawing no.) A565 Gr.616 Cond."A" (mat'l spec no.) N/A (tensile strength) N/A (CRN) 1989 (year built)
5. ASME Code, Section III: 1968 (edition) Summer 1969 (addenda) 1 (class) N/A (Code Case No.)
6. Fabricated in accordance with Const. Spec.(Div. 2 only) N/A (No.) Revision N/A Date N/A
7. Remarks:

8. Nom. thickness(in.) N/A Min. design thickness (in.) N/A Dia.ID (ft.&in.) N/A Length overall (ft.&in.) N/A
9. When applicable, Certificate Holders' data reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) AAS51		(26)	
(2) AAS54		(27)	
(3) AAS57		(28)	
(4) AAS58		(29)	
(5) AAS59		(30)	
(6) AAS61		(31)	
(7) AAS62		(32)	
(8) AAS65		(33)	
(9) AAS66		(34)	
(10) AAS68		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	BY
(22)		(47)	
(23)		(48)	DATE 3/27/89
(24)		(49)	
(25)		(50)	

10. Design pressure N/A psi Temp. N/A °F Hydro test pressure 2250 PSIG at temp. °F

*Supplemental information in form of lists, sketches or drawings may be used provided, (1) size is 8-1/2 x 11 (2) information in items 2 & 3 on this data report is included on each sheet, (3) sheet is numbered and number of sheets is recorded at top of this form, and (4) each additional sheet shall be signed by the Certificate Holder and the ANI.

AMMENDED

FORM NIS-2 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 08/09/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B002565, 2-SV-2A-4, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-2A-4							
FLNG. BOLT	NO. CENT. HDW	N/A	N/A	ASP-3693	1980	REPLCEMNT	NO
FLNG. NUTS	CARDINAL	N/A	N/A	ASP-11630	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED OUTLET FLANGE BOLTING ON VALVE 2-SV-2A-4.
Applicable Manufacturer's Data Reports to be attached

BOLTS/NUTS PURCHASED PER SPECIFICATION DCCPM1050CN

Ref. JO # B002565 File:ME-VAL-2-SV-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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-10-93 to 1-11-93, 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.K. Whitesmith Commissions Mich 0055, ENI NBI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3/22 19 93

AMMENDED

FORM NIS-2 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 08/07/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B50037, 2-SV-2B-1, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-2B-1							
FLNG. BOLT	NO. CENT. HDW	N/A	N/A	ASP-3693	1980	REPLCEMNT	NO
FLNG. NUTS	CARDINAL	N/A	N/A	ASP-11630	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED OUTLET FLANGE BOLTING ON VALVE 2-SV-2B-1.
Applicable Manufacturer's Data Reports to be attached

BOLTS/NUTS PURCHASED PER SPECIFICATION DCCPM105OCN

Ref. JO # B50037 File:ME-VAL-2-SV-2B-1 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 10/12/90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions MICL0055, ENG & N&I
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-22 1993

AMMENDED

FORM NIS-2 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 08/09/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B50033, 2-SV-3-4, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System MAIN STEAM

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-3-4							
FLNG. BOLT	NO. CENT. HDW	N/A	N/A	ASP-3693	1980	REPLCEMNT	NO
FLNG. NUTS	CARDINAL	N/A	N/A	ASP-11630	1989	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED OUTLET FLANGE BOLTING ON VALVE 2-SV-3-4.
Applicable Manufacturer's Data Reports to be attached.

BOLTS/NUTS PURCHASED PER SPECIFICATION DCCPM1050CN

Ref. JO # B50033 File:ME-VAL-2-SV-3-4 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-10-93 to 1-11-93, 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. Waterspaugh Commissions Mich 0055, EN & N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3/22 19 93

AMMENDED

FORM NIS-2 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 10/29/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B008163, 2-SV-45A, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ANSI B31.1 1967 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)
VALVE 2-SV-45A	CROSBY	N56499-00-0001	N/A	N/A	1974	REPLACED	YES
VALVE	CROSBY	RV-1-8010B	N/A	ASP-11572	N/A	REPLCEMNT	YES
STUDS/NUTS	CARDINAL	N/A	N/A	ASP-10636	1988	REPLCEMNT	NO
STUDS/NUTS	NOVA MACHINE	N/A	N/A	ASP-12239	1988	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED VALVE 2-SV-45A AND INLET FLANGE STUDS/NUTS.
Applicable Manufacturer's Data Reports to be attached

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV105OCN

Ref. JO # B008163 File:ME-VAL-2-SV-45A ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 19 93
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

M R Mutersbaugh Commissions Mich 0055, ENG & N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-22 19 93

AMMENDED

FORM NIS-2 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 08/22/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) Unit 2

One Cook Place, Bridgman, MI 49106 (Address) B006122, 2-SV-45B, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) Type Code Symbol Stamp N/A

Same as #2 (Address) Authorization No. N/A

Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-SV-45B							
FLNG. STUD	NOVA MACHINE	N/A	N/A	ASP-12239	1988	REPLCEMNT	NO
FLNG. NUTS	CARDINAL	N/A	N/A	ASP-9828	1987	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED INLET FLANGE STUDS/NUTS ON VALVE 2-SV-45B.
Applicable Manufacturer's Data Reports to be attached

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV105QCN

Ref. JO # B006122 File:ME-VAL-2-SV-45B ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15-, 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 10/11/90 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M T Mutaugh Commissions Mich 0055, End N&I
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3/22 19 93

AMMENDED

FORM NIS-2 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 08/22/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B004913, 2-SV-45C, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System REACTOR COOLANT

5. (a) Applicable Const. Code ANSI B31.1 1967 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-45C	CROSBY	RV-1-8010C	N/A	N/A	N/A	REPLACED	YES
VALVE	CROSBY	RV-2-8010B	N/A	ASP-9827	N/A	REPLCEMNT	YES
FLNG. NUTS	CARDINAL	N/A	N/A	ASP-9828	1987	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

   N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED VALVE 2-SV-45C AND INLET FLANGE NUTS.
Applicable Manufacturer's Data Reports to be attached

NUTS PURCHASED PER SPECIFICATION DCCPV1050CN AND

P.O.37203-042-7X.

Ref. JO # B004913 File:ME-VAL-2-SV-45C ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 10/10/90 to ———, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions MI-4055, EnJNSI
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3/22 19 93

AMMENDED

FORM NIS-2 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 08/11/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B000031, 2-SV-51, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-51	CROSBY	N/A	N/A	N/A	N/A	REPLACED	NO
VALVE	CROSBY	4-2	N/A	ASP-10077	1987	REPLCEMNT	NO
FLNG. STUD	CARDINAL	N/A	N/A	ASP-12525	1990	REPLCEMNT	NO
FLNG. NUTS	TEXAS BOLT	N/A	N/A	ASP-3855	1981	REPLCEMNT	NO
FLNG. NUTS	NOVA MACHINE	N/A	N/A	ASP-10340	1988	REPLCMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X]

N/A [ ] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED VALVE AND INLET/OUTLET FLANGE STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 2-SV-51. VALVE PURCHASED PER P.O. 01995-041-1X.

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV1050CN.

Ref. JO # B000031 File:ME-VAL-2-SV-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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-14-91 to 1-16-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Mich 0055, EN-2 N/E
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-22 1993

FORM NIS-2 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 10/15/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B015472, 2-SV-51, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-51							
DISC	CROSBY	N/A	N/A	ASP-12224	1990	REPLCEMNT	NO
NOZZLE	CROSBY	N/A	N/A	ASP-12816	1990	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED DISC AND NOZZLE IN VALVE 2-SV-51.
Applicable Manufacturer's Data Reports to be attached

DISC DEDICATED PER DEDICATION PLAN DCCPV12DP014 (PV0014), REV. 1

NOZZLE DEDICATED PER DEDICATION PLAN DCCPVDP014, REV. 3.

Ref. JO # B015472 File:ME-VAL-2-SV-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 F.R.Pisarsky, Maint. Eng. Supervisor. Date 5-21, 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 5/21/93 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Mich 0055, E and N&I
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 5-21 19 93

AMMENDED

FORM NIS-2 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 08/17/90

   P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

   One Cook Place, Bridgman, MI 49106 (Address) — B016777, 2-SV-52, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

   Same as #2 (Address) — Authorization No. N/A

   Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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)
VALVE 2-SV-52							
STUDS/NUTS	CARDINAL	N/A	N/A	ASP-11683	1989	REPLCEMNT	NO
NUTS	CARDINAL	N/A	N/A	ASP-12586	1990	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

   N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED OUTLET FLANGE STUDS/NUTS AND INLET NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 2-SV-52.

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV105OCN

Ref. JO # B016777 File:ME-VAL-2-SV-52 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-22-91 to ——, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions Mich 0055, Eng & N.B.
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-22 19 93

AMMENDED

FORM NIS-2 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 08/18/90

P.O. Box 60 Fort Wayne, IN 46801 (Address) — Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT (Name) — Unit 2

One Cook Place, Bridgman, MI 49106 (Address) — B016583, 2-SV-54, SAFETY VALVE (Repair Org. P.O. No., Job No., etc)

3. Work Performed by MAINTENANCE DEPT. (Name) — Type Code Symbol Stamp N/A

Same as #2 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System CHEMICAL VOLUME AND CONTROL

5. (a) Applicable Const. Code ANSI B31.1 1983 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 Identi-fication	Year Built	Repaired Replaced or Replace-ment	ASME Code Stamped (Yes or No)
VALVE 2-SV-54							
STUDS/NUTS	CARDINAL	N/A	N/A	ASP-11683	1989	REPLCEMNT	NO
STUDS/NUTS	TEXAS BOLT	N/A	N/A	ASP-7863	1985	REPLCEMNT	NO

7. Description of Work (See Remarks)

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ]

N/A [X] Other [ ] Pressure _____ psi Test Temp. _____ °F

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

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 2, REPLACED INLET/OUTLET FLANGE STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 2-SV-54.

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV1050CN

Ref. JO # B016583 File:ME-VAL-2-SV-54 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 F.R.Pisarsky, Maint. Eng. Supervisor Date 3-15, 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 1-14-91 to 1-16-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M R Mutteyough Commissions Mich 0055, EN & NBI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-22 19 93

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	CLOSURE HEAD MERIDIONAL WELDS (FIG NO A-2)					
001705	2-CHM-07 MERIDIONAL WELD AT 334 DEG.	B-A B1.22	UT		RV-2 I - - U. CONT.	
	CLOSURE HEAD TO FLANGE WELD (FIG NO A-2)					
001900	2-CHC-01 HEAD TO FLANGE	B-A B1.40	MT UT		RV-2 I - - U. CONT.	EXAMINE 33% (172") IN ACCORDANCE WITH REG. GUIDE 1.150, REV. 1 DURING EACH DESIGNATED OUTAGE.
	CLOSURE STUDS					
004500	2-RPV-STUD 1 THROUGH 54	B-G-1 B6.30	MT UT		7-.750-8-CS-10-DCC - - 650' AUX.	EXAMINE 33% (18 STUDS) EACH DESIGNATED OUTAGE.
	CLOSURE NUTS					
004600	2-RPV-NUT 1 THROUGH 54	B-G-1 B6.10	MT		- - 650' AUX.	EXAMINE 33% (18 NUTS) EACH DESIGNATED OUTAGE.
	VESSEL FLANGE THREADS					
004700	2-RPV-FLANGE THREADS 1 THROUGH 54	B-G-1 B6.40	UT		7-.750-8-CS-10-DCC - - U. CONT.	EXAMINE 33% (18) OF THE THREADS EACH DESIGNATED OUTAGE.
	CLOSURE WASHERS					
004800	2-RPV-WASHER 1 THROUGH 54	B-G-1 B6.50	VT-1 PT		- - 650' AUX.	EXAMINE 33% (18 WASHERS) EACH DESIGNATED OUTAGE. PERFORM PT IN ACCORDANCE WITH REG. GUIDE 1.65.

PRESSURIZER (FIGURE A-4)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS					
006920	4"-2-RC-28 UPPER HEAD TO SPRAY NOZZLE	B-D B3.110	UT		PL-3.0-CSCL-4-DCC B - - PRESS. DH	
006970	14"-2-RC-21 SURGE NOZZLE TO LOWER HEAD	B-D B2.2	MT UT		PL-3.0-CSCL-4-DCC B - - CONT. PRT	CODE RELIEF GRANTED FIRST INTERVAL FROM PERFORMING UT EXAMINATION FROM NOZZLE SIDE PROVIDED THAT (1) A FULL VEE VOLUMETRIC EXAMINATION IS PERFORMED FROM THE VESSEL SIDE WHEN ACCESSIBLE AND (2) SUPPLEMENTAL SURFACE.
	NOZZLE INSIDE RADIUS SECTIONS					
007000	4"-2-RC-28-IRS UPPER HEAD TO SPRAY NOZZLE	B-D B3.120	UT		IR-CSCL-24-DCC B - - PRESS. DH	
007500	14"-2-RC-21-IRS SURGE NOZZLE TO LOWER HEAD	B-D B3.120	UT		IR-CS-33-DCC B - - CONT. PRT	
	NOZZLE TO SAFE-END AND SAFE-END TO NOZZLE WELDS					
008000	2-PRZ-21 NOZZLE TO SAFE-END	B-F B5.40	PT UT		3378028 (6-SS-160-.71) B - - PRESS. DH	AUGMENTED UT EXAMINATION REQUIRED USING 45 DEG. REFRACTED LONGITUDINAL WAVE PER NRC I.N. 90-30.
008500	2-PRZ-26 SAFE-END TO NOZZLE	B-F B5.40	PT UT		3378032 (14-SS-160-1.40) B - - PRESS. DH	AUGMENTED UT EXAMINATION REQUIRED USING 45 DEG. REFRACTED LONGITUDINAL WAVE PER NRC I.N. 90-30.

PRESSURIZER (FIGURE A-4)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LOWER HEAD TO SUPPORT SKIRT WELD					
008505	2-PRZ-20 VESSEL SUPPORT	B-H B8.20	MT		PL-1.5-CS-78 B - - CONT. PRT	WELD CONFIGURATION REQUIRES SURFACE EXAMINATION ON THE INSIDE AND OUTSIDE SURFACES. INSIDE SURFACE EXAMINATION TO BE PERFORMED DURING FIRST OUTAGE, THIRD PERIOD.

STEAM GENERATOR NO. 24 (FIGURE A-5)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	CIRCUMFERENTIAL WELDS					
011300	STM-24-01 LOWER HEAD TO TUBE SHEET	B-B B2.40	UT		RV-3 B - - CONT. L4	
	NOZZLE INSIDE RADIUS SECTIONS					
011400	STM-24-I-IRS INLET NOZZLE INSIDE RADIUSSECTION	B-D B3.140	UT		IR-CSCL-24-DCC B - - CONT. L4	
011500	STM-24-O-IRS OUTLET NOZZLE INSIDE RADIUS SECTION	B-D B3.140	UT		IR-CSCL-24-DCC B - - CONT. L4	
	NOZZLE TO ELBOW AND ELBOW TO NOZZLE WELDS					
011600	STM-24-02 ELBOW TO INLET NOZZLE	B-F B5.70	PT UT		CSS/CCS-MOCKUP-36-DCC B - - CONT. L4	FULL VOLUMETRIC UT EXAMINATION REQUIRED DUE TO NRC COMMITMENT.
011700	STM-24-03 OUTLET NOZZLE TO ELBOW	B-F B5.70	PT UT		CSS/CCS-MOCKUP-36-DCC B - - CONT. L4	FULL VOLUMETRIC UT EXAMINATION REQUIRED DUE TO NRC COMMITMENT.

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RC-18 (FIG NO A-7A)					
017560	2-RC-18-06-LU-I LONGITUDINAL SEAM	B-J B9.12	PT UT		37-CCSS-X-3.0-9-DCC B - - CONT. L2	
017580	2-RC-18-06-LU-O LONGITUDINAL SEAM	B-J B9.12	PT UT		37-CCSS-X-3.0-9-DCC B - - CONT. L2	
017600	2-RC-18-06 ELBOW TO PIPE	B-J B9.11	PT UT		37-CCSS-X-3.0-9-DCC B - - CONT. L2	
017800	2-RC-18-05N 2-IN. NOZZLE (BRANCH CONNECTION)	B-J B9.32	PT		I - - CONT. L2	
018000	2-RC-18-08 ELBOW TO PUMP	B-J B9.11	PT UT		37-CCSS-X-3.0-9-DCC B - - CONT. L2	
	LINE 2-RC-18 (FIG NO A-7B)					
018100	2-RC-18-09 PUMP TO PIPE	B-J B9.11	PT UT		37-CCSS-X-3.0-9-DCC B - - CONT. L2	
	LINE 2-RC-19 (FIG NO A-8A)					
020600	2-RC-19-07 PIPE TO ELBOW	B-J B9.11	PT UT		37-CCSS-X-3.0-9-DCC B - - CONT. L3	

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RC-19 (FIG NO A-8A)					
020620	2-RC-19-07-LD-I LONGITUDINAL SEAM	B-J B9.12	PT UT		37-CCSS-X-3.0-9-DCC B - - CONT. L3	
020640	2-RC-19-07-LD-O LONGITUDINAL SEAM	B-J B9.12	PT UT		37-CCSS-X-3.0-9-DCC B - - CONT. L3	
	LINE 2-RC-19 (FIG NO A-8B)					
021200	2-RC-19-08N 10-IN. NOZZLE (BRANCH CONNECTION)	B-J B9.31	PT UT		37-CCSS-X-3.0-9-DCC B - - CONT. L3	
021550	2-RC-19-10N 1-1/2-IN. NOZZLE (BRANCH CONNECTION)	B-J B9.32	PT		B - - CONT. L3	
	LINE 2-RC-22 (FIG NO A-11)					
026300	2-RC-22-07 REDUCER TO PIPE	B-J B9.11	PT UT		3378027 (4-SS-120-.430) B - - PRESS. DH	
026500	2-RC-22-10 ELBOW TO PIPE	B-J B9.11	PT UT		3378027 (4-SS-120-.430) B - - PRESS. DH	
026833	2-RC-22-01N 3-IN. NOZZLE (BRANCH CONNECTION)	B-J B9.32	PT		B - - PRESS. DH	

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RC-23 (FIG NO A-12)					
027500	2-RC-23-01	B-J	PT			
	TEE TO PIPE	B9.21			B - -	
					PRESS. DH	
	LINE 2-RC-24 (FIG NO A-13)					
028300	2-RC-24-02	B-J	PT			
	PIPE TO PIPE	B9.21			B - -	
					PRESS. DH	
	LINE 2-RC-25 (FIG NO A-14)					
028800	2-RC-25-02	B-J	PT		3378028 (6-SS-160-.71)	
	ELBOW TO PIPE	B9.11	UT		B - -	
					PRESS. DH	
	LINE 2-RC-26 (FIG NO A-15)					
029700	2-RC-26-02	B-J	PT		3378028 (6-SS-160-.71)	
	ELBOW TO PIPE	B9.11	UT		B - -	
					PRESS. DH	
	LINE 2-RC-27 (FIG NO A-16)					
030700	2-RC-27-03	B-J	PT		3378028 (6-SS-160-.71)	
	PIPE TO ELBOW	B9.11	UT		B - -	
					PRESS. DH	
031200	2-RC-27-09	B-J	PT		3378028 (6-SS-160-.71)	
	PIPE TO FLANGE	B9.11	UT		B - -	
					PRESS. DH	
031300	2-RC-27-09-FB	B-G-2	VT-1			
	FLANGE BOLTING	B7.50			B - -	
					PRESS. DH	

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RC-28 (FIG NO A-17)					
031500	2-RC-28-02 ELBOW TO PIPE	B-J B9.11	PT UT		3378027 (4-SS-120-.430) B - - CONT. L3	
033800	2-RC-28-18 PIPE TO TEE	B-J B9.11	PT UT		3378027 (4-SS-120-.430) B - - CONT. PRT	
034200	2-RC-28-22 PIPE TO TEE	B-J B9.11	UT		3378027 (4-SS-120-.430) B - - CONT. PRT	SCHEDULED IN RESPONSE TO NRCB 88-08 SUPP. 2. SEE WCAP-12143 SUPP. 1 FOR AUGMENTED UT REQUIREMENTS.
034300	2-RC-28-23 TEE TO PIPE	B-J B9.11	UT		3378027 (4-SS-120-.430) B - - CONT. PRT	SCHEDULED IN RESPONSE TO NRCB 88-08 SUPP. 2. SEE WCAP-12143 SUPP. 1 FOR AUGMENTED UT REQUIREMENTS.
034400	2-RC-28-24 PIPE TO ELBOW	B-J B9.11	UT		3378027 (4-SS-120-.430) B - - CONT. PRT	SCHEDULED IN RESPONSE TO NRCB 88-08 SUPP. 2. SEE WCAP-12143 SUPP. 1 FOR AUGMENTED UT REQUIREMENTS.
035300	2-RC-28-30 PIPE TO ELBOW	B-J B9.11	PT UT		3378027 (4-SS-120-.430) B - - CONT. PRT	
037800	2-RC-28-51 ELBOW TO SAFE-END	B-J B9.11	PT UT		3378027 (4-SS-120-.430) B - - PRESS. DH	
	LINE 2-RC-29 (FIG NO A-18)					
037900	2-RC-29-01 BRANCH CONNECTION TO ELBOW	B-J B9.11	PT UT		3378027 (4-SS-120-.430) B - - CONT. L4	

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RC-29 (FIG NO A-18)					
039700	2-RC-29-16	B-J	PT		3378027 (4-SS-120-.430)	
	PIPE TO ELBOW	B9.11	UT		B - -	
					CONT. PRT	
	LINE 2-RC-30 (FIG NO A-19)					
041300	2-RC-30-06	B-J	UT		3378027 (4-SS-120-.430)	SCHEDULED IN RESPONSE TO NRCB
	PIPE TO TEE	B9.11			B - -	88-08 SUPP. 2. SEE WCAP-12143
					CONT. PRT	SUPP. 1 FOR AUGMENTED UT
						REQUIREMENTS.
	LINE 2-RC-31 (FIG NO A-20A)					
045700	2-RC-31-16-FB	B-G-2	VT-1			
	FLANGE BOLTING	B7.50			B - -	
					CONT. L1	
	LINE 2-RC-34 (FIG NO A-23A)					
056200	2-RC-34-12-FB	B-G-2	VT-1			
	FLANGE BOLTING	B7.50			B - -	
					CONT. L4	
	LINE 2-RC-512 (FIG NO A-24)					
058400	2-RC-512-01	B-J	PT			
	BRANCH CONNECTION TO PIPE	B9.40			B - -	
					CONT. L1	
058500	2-RC-512-02	B-J	PT			
	PIPE TO ELBOW	B9.40			B - -	
					CONT. L1	

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RC-512 (FIG NO A-24)					
058600	2-RC-512-03 ELBOW TO PIPE	B-J B9.40	PT		B - - CONT. L1	
058700	2-RC-512-04 PIPE TO ELBOW	B-J B9.40	PT		B - - CONT. L1	
058800	2-RC-512-05 ELBOW TO PIPE	B-J B9.40	PT		B - - CONT. L1	
058900	2-RC-512-06 PIPE TO ELBOW	B-J B9.40	PT		B - - CONT. L1	
059000	2-RC-512-07 ELBOW TO PIPE	B-J B9.40	PT		B - - CONT. L1	
059100	2-RC-512-08 PIPE TO ELBOW	B-J B9.40	PT		B - - CONT. L1	
059200	2-RC-512-09 ELBOW TO PIPE	B-J B9.40	PT		B - - CONT. L1	
059300	2-RC-512-10 PIPE TO VALVE	B-J B9.40	PT		B - - CONT. L1	

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RC-512 (FIG NO A-24)					
059400	2-RC-512-11 VALVE TO PIPE	B-J B9.40	PT		B - - CONT. L1	
059500	2-RC-512-12 PIPE TO ELBOW	B-J B9.40	PT		B - - CONT. L1	
	LINE 2-RC-513 (FIG NO A-25)					
064400	2-RC-513-17 PIPE TO TEE	B-J B9.40	PT		B - - CONT. L1	
064900	2-RC-513-21-FB FLANGE BOLTING	B-G-2 B7.50	VT-1		B - - CONT. L1	
065000	2-RC-513-22 TEE TO PIPE	B-J B9.40	PT		B - - CONT. L1	
065100	2-RC-513-23 PIPE TO MANIFOLD	B-J B9.40	PT		B. - - CONT. L1	
065200	2-RC-513-24 MANIFOLD TO PIPE	B-J B9.40	PT		B - - CONT. L1	
065300	2-RC-513-25 PIPE TO ELBOW	B-J B9.40	PT		B - - CONT. L1	

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RC-513 (FIG NO A-25)					
065400	2-RC-513-26 ELBOW TO PIPE	B-J B9.40	PT		B - - CONT. L1	
065500	2-RC-513-27 PIPE TO REDUCER	B-J B9.21	PT		B - - CONT. L1	
	LINE 2-RC-518 (FIG NO A-30)					
080700	2-RC-518-15 VALVE TO PIPE	B-J B9.40	PT		B - - CONT. L4	
080800	2-RC-518-16 PIPE TO ELBOW	B-J B9.40	PT		B - - CONT. L4	
080900	2-RC-518-17 ELBOW TO PIPE	B-J B9.40	PT		B - - CONT. L4	
081000	2-RC-518-18 PIPE TO TEE	B-J B9.40	PT		B - - CONT. L4	
081100	2-RC-518-19 TEE TO REDUCER	B-J B9.40	PT		B - - CONT. L4	
081200	2-RC-518-20 TEE TO PIPE	B-J B9.40	PT		B - - CONT. L4	

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RC-518 (FIG NO A-30)					
081300	2-RC-518-21 PIPE TO MANIFOLD	B-J B9.40	PT		B - - CONT. L4	
081700	2-RC-518-25 PIPE TO TEE	B-J B9.40	PT		B - - CONT. L4	
081800	2-RC-518-26 TEE TO REDUCER	B-J B9.40	PT		B - - CONT. L4	
081900	2-RC-518-27 TEE TO PIPE	B-J B9.40	PT		B - - CONT. L4	
082000	2-RC-518-28 PIPE TO ELBOW	B-J B9.40	PT		B - - CONT. L4	
082100	2-RC-518-29 ELBOW TO PIPE	B-J B9.40	PT		B - - CONT. L4	
082200	2-RC-518-30 PIPE TO FLANGE	B-J B9.40	PT		B - - CONT. L4	
082400	2-RC-518-31 FLANGE TO PIPE	B-J B9.40	PT		B - - CONT. L4	

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RC-519 (FIG NO A-31)					
084800	2-RC-519-17 PIPE TO TEE	B-J B9.40	PT		B - - CONT. L4	
084900	2-RC-519-18 TEE TO PIPE	B-J B9.40	PT		B - - CONT. L4	
085000	2-RC-519-19 PIPE TO VALVE	B-J B9.40	PT		B - - CONT. L4	
085100	2-RC-519-20 VALVE TO PIPE	B-J B9.40	PT		B - - CONT. L4	
085200	2-RC-519-21 PIPE TO FLANGE	B-J B9.40	PT		B - - CONT. L4	
085300	2-RC-519-21-FB FLANGE BOLTING	B-G-2 B7.50	VT-1		B - - CONT. L4	
085400	2-RC-519-22 TEE TO PIPE	B-J B9.40	PT		B - - CONT. L4	
	LINE 2-RC-525 (FIG NO A-32)					
086200	2-RC-525-03 TEE TO PIPE	B-J B9.40	PT		B - - CONT. PRT	

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RC-525 (FIG NO A-32)					
086900	2-RC-525-06	B-J	PT			
	PIPE TO ELBOW	B9.40			B - - CONT. PRT	

SAFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-SI-56 (FIG NO A-33)					
089000	2-SI-56-11	B-J	PT		3378030 (10-SS-140-1.0)	
	ELBOW TO PIPE	B9.11	UT		B - -	
					CONT. L1	
	LINE 2-SI-78 (FIG NO A-33)					
090100	2-SI-78-01	B-J	PT		3378028 (6-SS-160-.71)	
	VALVE TO ELBOW	B9.11	UT		B - -	
					CONT. L1	
	LINE 2-SI-57 (FIG NO A-34)					
091050	2-SI-57-02	B-J	PT		3378030 (10-SS-140-1.0)	
	PIPE TO TEE	B9.11	UT		I - -	
					ANNULUS	
091500	2-SI-57-06	B-J	PT		3378030 (10-SS-140-1.0)	
	ELBOW TO PIPE	B9.11	UT		B - -	
					ANNULUS	
093200	2-SI-57-22	B-J	PT		3378030 (10-SS-140-1.0)	
	TEE TO PIPE	B9.11	UT		B - -	
					CONT. L2	
	LINE 2-SI-58 (FIG NO A-35)					
095300	2-SI-58-06	B-K-1	PT			100% UT NOT FEASIBLE DUE TO
	COLLAR TO PIPE	B10.10			B - -	WELD CONFIGURATION.
					CONT. L3	
095400	2-SI-58-07	B-J	PT		3378030 (10-SS-140-1.0)	
	PIPE TO ELBOW	B9.11	UT		B - -	
					CONT. L3	

SAFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-SI-58 (FIG NO A-35)					
096300	2-SI-58-16	B-J	PT		3378030 (10-SS-140-1.0)	
	ELBOW TO PIPE	B9.11	UT		B - -	
					CONT. L3	
096800	2-SI-58-21	B-J	PT		3378030 (10-SS-140-1.0)	
	PIPE TO VALVE	B9.11	UT		B - -	
					CONT. L3	
	LINE 2-SI-59 (FIG NO A-36)					
098400	2-SI-59-05	B-K-1	PT			100% UT NOT FEASIBLE DUE TO
	COLLAR TO PIPE	B10.10			B - -	WELD CONFIGURATION.
					CONT. L4	
098800	2-SI-59-09	B-J	PT		3378030 (10-SS-140-1.0)	
	ELBOW TO PIPE	B9.11	UT		B - -	
					CONT. L4	
099700	2-SI-59-18	B-J	PT		3378028 (6-SS-160-.71)	
	ELBOW TO PIPE	B9.11	UT		B - -	
					CONT. L4	
	LINE 2-SI-60 (FIG NO A-37)					
100600	2-SI-60-02	B-J	PT		3378029 (8-SS-160-.81)	
	ELBOW TO PIPE	B9.11	UT		- -	
					ANNULUS	
102000	2-SI-60-07	B-J	PT		3378029 (8-SS-160-.81)	
	PIPE TO ELBOW	B9.11	UT		S - -	
					ANNULUS	

SAFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-SI-60 (FIG NO A-37A)					
102950	2-SI-60-17	B-J	PT		3378028 (6-SS-160-.71)	
	PIPE TO PIPE	B9.11	UT		S - -	
					ANNULUS	
103200	2-SI-60-19	B-K-1	PT			100% UT NOT FEASIBLE DUE TO
	COLLAR TO PIPE	B10.10			S - -	WELD CONFIGURATION.
					CONT. L4	
103700	2-SI-60-26	B-J	PT		3378028 (6-SS-160-.71)	
	PIPE TO ELBOW	B9.11	UT		S - -	
					CONT. L4	
104000	2-SI-60-29	B-J	PT		3378028 (6-SS-160-.71)	
	ELBOW TO PIPE	B9.11	UT		S - -	
					CONT. L4	
	LINE 2-SI-61 (FIG NO A-38)					
104900	2-SI-61-05	B-J	PT		3378028 (6-SS-160-.71)	
	PIPE TO ELBOW	B9.11	UT		S - -	
					CONT. L1	
105200	2-SI-61-08	B-J	PT		3378028 (6-SS-160-.71)	
	ELBOW TO PIPE	B9.11	UT		S - -	
					CONT. L1	
105600	2-SI-61-12	B-J	PT		3378028 (6-SS-160-.71)	
	ELBOW TO PIPE	B9.11	UT		S - -	
					CONT. L1	
	LINE 2-SI-62 (FIG NO A-39)					
106100	2-SI-62-02	B-J	PT		3378029 (8-SS-160-.81)	
	ELBOW TO PIPE	B9.11	UT		- -	
					ANNULUS	

SAFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-SI-62 (FIG NO A-39)					
106200	2-SI-62-02-PL 1 THROUGH 4 PIPE LUG	B-K-1 B10.10	PT		S - - ANNULUS	UT ON WELD NOT FEASIBLE DUE TO WELD CONFIGURATION.
106700	2-SI-62-02-PL 5 THROUGH 8 PIPE LUG	B-K-1 B10.10	PT		S - - ANNULUS	UT ON WELD NOT FEASIBLE DUE TO WELD CONFIGURATION.
108100	2-SI-62-12 PIPE TO ELBOW	B-J B9.11	PT UT		3378028 (6-SS-160-.71) S - - ANNULUS	
	LINE 2-SI-63 (FIG NO A-40)					
111100	2-SI-63-08 ELBOW TO PIPE	B-J B9.11	PT UT		3378028 (6-SS-160-.71) S - - CONT. L2	
111600	2-SI-63-13 PIPE TO ELBOW	B-J B9.11	PT UT		3378028 (6-SS-160-.71) S - - CONT. L2	
112000	2-SI-63-17 PIPE TO VALVE	B-J B9.11	PT UT		3378028 (6-SS-160-.71) B - - CONT. L2	
	LINE 2-SI-566 (FIG NO A-41)					
113400	2-SI-566-11 ELBOW TO PIPE	B-J B9.40	PT		S - - ANNULUS	

SAFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-SI-566 (FIG NO A-41)					
113900	2-SI-566-15	B-J	PT			
	COUPLING TO PIPE	B9.40			S - -	
					CONT. L1	
115000	2-SI-566-24	B-J	PT			
	PIPE TO BRANCH CONNECTION	B9.40			B - -	
					CONT. L1	
	LINE 2-SI-567 (FIG NO A-42)					
116900	2-SI-567-16	B-J	PT			
	PIPE TO COUPLING	B9.40			S - -	
					CONT. L4	
117600	2-SI-567-23	B-J	PT			
	ELBOW TO PIPE	B9.40			S - -	
					CONT. L4	
	LINE 2-SI-568 (FIG NO A-43)					
119300	2-SI-568-05	B-J	PT			
	ELBOW TO PIPE	B9.40			- -	
					ANNULUS	
120200	2-SI-568-12	B-J	PT			
	PIPE TO ELBOW	B9.40			S - -	
					ANNULUS	
121100	2-SI-568-20	B-J	PT			
	PIPE TO ELBOW	B9.40			S - -	
					CONT. L2	

SAFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-SI-568 (FIG NO A-43)					
122200	2-SI-568-28	B-J	PT			
	PIPE TO VALVE	B9.40			B - -	
					CONT. L2	
	LINE 2-SI-569 (FIG NO A-44)					
123700	2-SI-569-10	B-J	PT			
	PIPE TO ELBOW	B9.40			- -	
					ANNULUS	
125700	2-SI-569-25	B-J	PT			
	ELBOW TO PIPE	B9.40			B - -	
					CONT. L3	
126400	2-SI-569-31	B-J	PT			
	ELBOW TO PIPE	B9.40			B - -	
					CONT. L3	
126900	2-SI-569-35	B-J	PT			
	ELBOW TO PIPE	B9.40			B - -	
					CONT. L3	

CHEMICAL AND VOLUME CONTROL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-CS-119 (FIG NO A-46)					
129600	2-CS-119-12	B-J	PT			
	PIPE TO PIPE	B9.21			B - -	
					CONT. L4	
131200	2-CS-119-24	B-J	PT			
	REDUCER TO PIPE	B9.21			B - -	
					CONT. PRT	
	LINE 2-CS-120 (FIG NO A-47)					
134200	2-CS-120-03	B-J	PT			
	VALVE TO PIPE	B9.21			B - -	
					CONT. L1	
136100	2-CS-120-12	B-J	PT			
	PIPE TO ELBOW	B9.21			B - -	
					CONT. L1	
	LINE 2-CS-121 (FIG NO A-48)					
137200	2-CS-121-10	B-J	PT			
	PIPE TO BRANCH CONNECTION	B9.21			B - -	
					CONT. L4	
	LINE 2-CS-687 (FIG NO A-49)					
138100	2-CS-687-09	B-J	PT			
	ELBOW TO PIPE	B9.40			B - -	
					CONT. L4	

RESIDUAL HEAT REMOVAL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RH-33 (FIG NO A-59)					
148900	2-RH-33-02	B-J	PT		3378032 (14-SS-160-1.40)	
	PIPE TO ELBOW	B9.11	UT		B - -	
					CONT. L2	
149400	2-RH-33-07	B-J	PT		3378032 (14-SS-160-1.40)	
	ELBOW TO PIPE	B9.11	UT		B - -	
					CONT. L2	
150400	2-RH-33-17	B-J	PT		3378032 (14-SS-160-1.40)	
	PIPE TO ELBOW	B9.11	UT		B - -	
					ANNULUS	
150466	2-RH-33-17-PL	B-K-1	PT			UT ON WELD NOT FEASIBLE DUE TO
	PIPE LUG	B10.10			B - -	WELD CONFIGURATION.
					ANNULUS	
150500	2-RH-33-18	B-J	PT		3378032 (14-SS-160-1.40)	
	ELBOW TO PIPE	B9.11	UT		B - -	
					ANNULUS	
150800	2-RH-33-21	B-J	PT		3378032 (14-SS-160-1.40)	
	PIPE TO VALVE	B9.11	UT		I - -	
					ANNULUS	

WASTE DISPOSAL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-WD-822 (FIG NO A-62)					
152000	2-WD-822-04	B-J	PT			
	PIPE TO VALVE	B9.40			I - -	
					CONT. L3	
152300	2-WD-822-07	B-J	PT			
	TEE TO REDUCER	B9.40			I - -	
					CONT. L3	
	LINE 2-WD-823 (FIG NO A-63)					
152900	2-WD-823-04	B-J	PT			
	PIPE TO VALVE	B9.40			I - -	
					CONT. L4	

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

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	PUMP FLYWHEEL					
153500	FLYWHEEL (IN PLACE)	-- RG1.14	UT		RC FLYWHEEL-CS-31-DCC - - CONT. L1	

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

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	SUPPORT COMPONENT					
153750	SUPPORT LUG NO. 1	B-K-1 B10.20	PT		B - - CONT. L2	UT OF WELD NOT FEASIBLE DUE TO ATTENUATIVE PROPERTIES OF PUMP CASING MATERIAL.
153800	SUPPORT LUG NO. 2	B-K-1 B10.20	PT		B - - CONT. L2	UT OF WELD NOT FEASIBLE DUE TO ATTENUATIVE PROPERTIES OF PUMP CASING MATERIAL.
153850	SUPPORT LUG NO. 3	B-K-1 B10.20	PT		B - - CONT. L2	UT OF WELD NOT FEASIBLE DUE TO ATTENUATIVE PROPERTIES OF PUMP CASING MATERIAL.
	CIRCUMFERENTIAL WELDS					
154050	PUMP CASING WELD	B-L-1 B12.10	VT-1		B - - CONT. L2	CODE CASE N-481
	PUMP FLYWHEEL					
154150	FLYWHEEL (IN PLACE)	-- RG1.14	UT		RC FLYWHEEL-CS-31-DCC - - CONT. L2	

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

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	PUMP FLYWHEEL					
154850	FLYWHEEL (IN PLACE)	-- RG1.14	UT		RC FLYWHEEL-CS-31-DCC - - CONT. L3	

REACTOR COOLANT PUMP NO. 24 (FIGURE A-64)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	PUMP FLYWHEEL					
155550	FLYWHEEL (IN PLACE)	-- RG1.14	UT		RC FLYWHEEL-CS-31-DCC - - CONT. L4	

VALVE PRESSURE RETAINING BOLTING (2" AND LESS)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-SI-57 (FIG NO A-34)					
220600	SI-166-2	B-G-2	VT-1			
	FLANGE BOLTING	B7.70			I - -	
					CONT. L2	
	LINE 2-SI-59 (FIG NO A-36)					
221100	SI-166-4	B-G-2	VT-1			
	FLANGE BOLTING	B7.70			I - -	
					CONT. L4	
	LINE 2-SI-62 (FIG NO A-39A)					
221600	SI-158-L3	B-G-2	VT-1			
	FLANGE BOLTING	B7.70			B - -	
					CONT. L3	

STEAM GENERATOR NO. 24 (FIGURE B-4)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	CIRCUMFERENTIAL WELDS					
300340	STM-24-05 STUB BARREL TO SHELL	C-A C1.10	UT		PL-3.0-CS-22-DCC B - - CONT. L4	

REGENERATIVE HEAT EXCHANGER (FIGURE B-5)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	CIRCUMFERENTIAL WELDS					
300480	RHE-2-14 CAP TO SHELL	C-A C1.20	UT		9.625-CCSS-X-1.0-2-DCC B - - REGEN HXRM	
300490	RHE-2-15 SHELL TO TUBE SHEET	C-A C1.30	UT		9.625-CCSS-X-1.0-2-DCC B - - REGEN HXRM	
300500	RHE-2-17 TUBE SHEET TO SHELL	C-A C1.30	UT		9.625-CCSS-X-1.0-2-DCC B - - REGEN HXRM	
300510	RHE-2-20 SHELL TO CAP	C-A C1.20	UT		9.625-CCSS-X-1.0-2-DCC B - - REGEN HXRM	

CHEMICAL AND VOLUME CONTROL TANK (FIGURE B-6)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	INTEGRALLY WELDED VESSEL SUPPORTS					
300660	2-CVCT-2VS-7, 8, & 9	C-C C3.10	PT		- VCT RM	-

CTS HEAT EXCHANGER WEST (FIGURE B-7A)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	CIRCUMFERENTIAL WELDS					
300680	W-CTSHEX-2	C-A	UT		PL-.500-SS-25-DCC	
	SHELL TO FLANGE	C1.10			- -	
					W CTS HXRM	
	NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS					
300681	W-CTSHEX-IN	C-B	PT			
	NOZZLE TO SHELL	C2.11			- -	
					W CTS HXRM	

RHR HEAT EXCHANGER WEST (FIGURE B-8A)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	CIRCUMFERENTIAL WELDS					
300770	W-RHRHEX-2 SHELL TO HEAD	C-A C1.20	UT		PL-1.000-SS-27-DCC - - W RHR HXRH	

BORON INJECTION TANK (FIGURE B-9)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	INTEGRALLY WELDED VESSEL SUPPORTS					
300920	2-BIT-VS-3	C-C C3.10	MT		- BIT RH	-

EMERGENCY CORE COOLING

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-SI-8 (FIG NO B-11)					
310580	2-SI-8-16S	C-F	PT			
	PIPE TO ELBOW	C5.11			- -	
					E RHR PPRM	
	LINE 2-SI-9 (FIG NO B-12)					
310900	2-SI-9-04F	C-F	PT			
	PIPE TO ELBOW	C5.11			- -	
					VESTIBULE	
311010	2-SI-9-15S	C-F	PT			
	PIPE TO ELBOW	C5.11			- -	
					VESTIBULE	
	LINE 2-SI-58 (FIG NO B-15)					
311430	2-SI-58-09F	C-F	PT		3378030 (10-SS-140-1.0)	
	VALVE TO PIPE	C5.21	UT		- -	
					ANNULUS	
	LINE 2-SI-60 (FIG NO B-17 & B-1)					
311670	2-SI-60-11S	C-F	PT		3378029 (8-SS-160-.81)	
	PIPE TO ELBOW	C5.21	UT		- -	
					ANNULUS	
	LINE 2-SI-62 (FIG NO B-19 & B-2)					
312160	2-SI-62-24S	C-F	PT		3378029 (8-SS-160-.81)	
	PIPE TO ELBOW	C5.21	UT		S - -	
					ANNULUS	
312200	2-SI-62-27S-PL 1 THROUGH 4	C-C	PT			
	PIPE LUG	C3.20			S - -	
					ANNULUS	

EMERGENCY CORE COOLING

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-SI-78 (FIG NO B-23)					
312600	2-SI-78-01F	C-F	PT		3378028 (6-SS-160-.71)	
	REDUCER TO PIPE	C5.21	UT		S - -	
					ANNULUS	
	LINE 2-SI-79 (FIG NO B-24 & B-2)					
312910	2-SI-79-15S	C-F	PT		3378028 (6-SS-160-.71)	
	PIPE TO ELBOW	C5.21	UT		S - -	
					ANNULUS	
	LINE 2-RH-14 (FIG NO B-26)					
313050	2-RH-14-04S	C-F	PT			
	PIPE TO ELBOW	C5.11			- -	
					W RHR PPRM	
313185	2-RH-14-15F-PS	C-C	PT			
	PIPE SUPPORT	C3.20			B - -	
					W CHG PPRM	
	LINE 2-RH-15 (FIG NO B-27)					
313340	2-RH-15-03F	C-F	PT			
	VALVE TO PIPE	C5.11			- -	
					E RHR PPRM	
313610	2-RH-15-28S	C-F	PT			
	PIPE TO ELBOW	C5.11			- -	
					E RHR HXRM	
	LINE 2-RH-16 (FIG NO B-28)					
313830	2-RH-16-20S	C-F	PT			
	PIPE TO TEE	C5.11			- -	
					E RHR HXRM	

EMERGENCY CORE COOLING

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RH-17 (FIG NO B-29)					
313970	2-RH-17-09F	C-F	PT			
	ELBOW TO PIPE	C5.11			- -	
					VESTIBULE	
	LINE 2-RH-18 (FIG NO B-30)					
314280	2-RH-18-23F	C-F	PT			
	PIPE TO ELBOW	C5.11			- -	
					VESTIBULE	
	LINE 2-RH-19 (FIG NO B-31)					
314530	2-RH-19-13S	C-F	PT			
	TEE TO PIPE	C5.11			- -	
					E RHR HXRM	
	LINE 2-RH-20 (FIG NO B-32)					
314830	2-RH-20-08S	C-F	PT			
	PIPE TO ELBOW	C5.11			- -	
					E RHR HXRM	
	LINE 2-RH-23 (FIG NO B-35)					
315670	2-RH-23-14S	C-F	PT			
	TEE TO PIPE	C5.11			- -	
					R CHG PPRM	
	LINE 2-RH-24 (FIG NO B-36)					
315785	2-RH-24-07F-PS	C-C	PT			
	PIPE SUPPORT	C3.20			- -	
					VESTIBULE	

EMERGENCY CORE COOLING

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-RH-31 (FIG NO B-37 & B-3)					
315970	2-RH-31-14F	C-F	PT		3378029 (8-SS-160-.81)	
	REDUCER TO PIPE	C5.21	UT		I - -	
					ANNULUS	
316020	2-RH-31-19F	C-F	PT		3378029 (8-SS-160-.81)	
	ELBOW TO VALVE	C5.21	UT		I - -	
					ANNULUS	
	LINE 2-RH-32 (FIG NO B-39)					
316040	2-RH-32-02S	C-F	PT		3378029 (8-SS-160-.81)	
	PIPE TO ELBOW	C5.21	UT		I - -	
					ANNULUS	
	LINE 2-RH-33 (FIG NO B-40)					
316070	2-RH-33-02S	C-F	PT			
	PIPE TO ELBOW	C5.11			I - -	
					ANNULUS	

CHEMICAL AND VOLUME CONTROL SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-CS-81 (FIG NO B-43)					
316390	2-CS-81-05F	C-F	PT			
	PIPE TO STRAINER	C5.11			- -	
					W CHG PPRM	

CONTAINMENT SPRAY SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-CTS-10 (FIG NO B-44)					
316620	2-CTS-10-19S PIPE TO ELBOW	C-F C5.11	PT		- W CTS PPRM	-
316700	2-CTS-10-26S ELBOW TO PIPE	C-F C5.11	PT UT		10-SS-40-.365-26-DCC - W CTS HXRM	7.5% AUGMENTED UT REQUIREMENT. TO BE EXAMINED EACH INTERVAL.
	LINE 2-CTS-11 (FIG NO B-45)					
316770	2-CTS-11-03S PIPE TO ELBOW	C-F C5.11	PT UT		10-SS-40-.365-26-DCC - W CTS HXRM	7.5% AUGMENTED UT REQUIREMENT. TO BE EXAMINED EACH INTERVAL.
	LINE 2-CTS-12 (FIG NO B-46)					
317190	2-CTS-12-12S ELBOW TO PIPE	C-F C5.11	PT		- VESTIBULE	-
	LINE 2-CTS-13 (FIG NO B-47)					
317360	2-CTS-13-09S TEE TO ELBOW	C-F C5.11	PT UT		10-SS-40-.365-26-DCC - E CTS PPRM	7.5% AUGMENTED UT REQUIREMENT. TO BE EXAMINED EACH INTERVAL.
	LINE 2-CTS-14 (FIG NO B-48)					
317790	2-CTS-14-14S PIPE TO ELBOW	C-F C5.11	PT		- E CTS HXRM	-
	LINE 2-CTS-15 (FIG NO B-49)					
317940	2-CTS-15-01F TEE TO PIPE	C-F C5.11	PT		- E CTS HXRM	-

CONTAINMENT SPRAY SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-CTS-15 (FIG NO B-49)					
318100	2-CTS-15-15F	C-F	PT			
	ELBOW TO PIPE	C5.11			- - VESTIBULE	

FEEDWATER SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-FW-75 (FIG NO B-55)					
319380	2-FW-75-05S	C-F	MT		14-CS-80-.750-12-DCC	
	PIPE TO ELBOW	C5.21	UT		B - -	
					ANNULUS	
	LINE 2-FW-76 (FIG NO B-56)					
319590	2-FW-76-11S	C-F	MT			
	REDUCER TO ELBOW	C5.21	UT		B - -	
					CONT. L4	
	LINE 2-FW-80 (FIG NO B-60)					
320160	2-FW-80-06S	C-F	MT			
	ELBOW TO PIPE	C5.11			- -	
					W MS ENC	

MAIN STEAM SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	LINE 2-MS-90 (FIG NO B-63)					
320640	2-MS-90-01S-PS	C-C	MT			
	PIPE TO PENETRATION SEAL WELD	C3.20			- -	
					E MS ENC	
	LINE 2-MS-92 (FIG NO B-65)					
321160	2-MS-92-09S	C-F	MT			
	PIPE TO FLANGE	C5.11			- -	
					W MS ENC	

MAIN STEAM ISOLATION VALVE-LINE 2-MS-90 (FIGURES B

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	NDE METH	PROCEDURE	CALIBRATION BLOCK/ SIZE-SCHEDULE-ACCESS/ LOCATION	INSTRUCTIONS
	PRESSURE RETAINING BOLTING (>2")					
322980	MSIV-MRV-210	C-D	UT		2.75-S-8-CS-40-DCC	
	FLANGE BOLTING	C4.40			- -	
					E MS ENC	