

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 Date 10/12/89
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A000416, 1-ACS-R924, HANGER
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address 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)
HANGER 1-ACS-R924							
U-BOLT	ITT GRINNELL	N/A	N/A	ASP-1102	1977	REPLCEMNT	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.

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AMENDED
FORM NIS-2 (Back)

9. Remarks UNIT 1 REPLACED MISSING U-BOLT ON SUPPORT 1-ACS-R924.
Applicable Manufacturer's Data Reports to be attached

REF. RFC-DC12-2497.

Ref. JO # A000416 File:ME-HGR-1-ACS-R924 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 2-16-90 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.

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

Date 3-24 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 11/26/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722611, 1-CS-296E, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by M.KITCHEL Type Code Symbol Stamp N/A
Name Authorization No: N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CHEMICAL VOLUME 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 1-CS-296E							
B/B STUDS	CARDINAL	N/A	N/A	ASP-11944	1989	REPLCEMNT	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLCEMNT	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.

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AMENDED
FORM NIS-2 (Back)

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

1-CS-296E

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV105OCN

Ref. JO # 722611 File:ME-VAL-1-CS-296E ISI Class: 3

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-24-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 3-24 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/25/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A007892, 1-CS-298E, 2" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address 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 1-CS-298E							
DISC ASSY	CONVAL, INC.	N/A	N/A	ASP-12849	1990	REPLCEMNT	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.

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FORM NIS-2 (Back)

Remarks UNIT 1, REPLACED DISC ASSEMBLY IN VALVE 1-CS-298E.
Applicable Manufacturer's Data Reports to be attached

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

Ref. JO # A007892 File:ME-VAL-1-CS-298E 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 4-23-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Matuszewska Commissions Mich 0055, ENCL N&T
Inspector's Signature National Board, State, Province, Endorsements

Date 4-22 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 10/30/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 722640, 1-CS-299W, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by P.CHARETT Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System 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 1-CS-299W							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLCEMNT	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLCEMNT	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.

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AMENDED
FORM NIS-2 (Back)

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

1-CS-299W. REF. RFC-12-2718.

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV105QCN

Ref. JO # 722640 File:ME-VAL-1-CS-299W ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Paul Pisarsky 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 4-19-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Paul Pisarsky Commissions MICHOSS, ENRNI
Inspector's Signature National Board, State, Province, Endorsements

Date 3-24 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/27/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 759436, 1-CS-308N, 2" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CHEMICAL VOLUME 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 1-CS-308N							
STEM/PLUG	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 ☐
N/A ☒ Other ☐ Pressure _____ psi Test Temp, _____ °F

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

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FORM NIS-2 (Back)

Remarks UNIT 1, REPLACED STEM/PLUG ASSEMBLY ON VALVE 1-CS-308N.
Applicable Manufacturer's Data Reports to be attached

STEM/PLUG ASSY. PURCHASED PER SPECIFICATION DCCPV8300CN AND

P.O.08382-041-8X.

Ref. JO # 759436 File:ME-VAL-1-CS-308N 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 4-22-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 4-22, 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/27/90
Name
P.O. Box 60 Fort Wayne, IN 46801
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Sheet 1 of 2
Name
One Cook Place, Bridgman, MI 49106 Unit 1
Address
759437, 1-CS-308S, VALVE
Repair Org. P.O. No., Job No., etc
3. Work Performed by R.KIGHT Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address 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 1-CS-308S							
BONNET/ PLUG ASSY.	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.

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AMENDED
FORM NIS-2 (Back)

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

BONNET/PLUG ASSY. PURCHASED PER SPECIFICATION DCCPV802OCN AND
P.O.07946-041-4X.

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-24-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MA Muticapaul Commissions Mich 0055, EN & NIT
 Inspector's Signature National Board, State, Province, Endorsements

Date 3-24 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/28/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 723682, 1-CS-534, 4" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CHEMICAL VOLUME 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 1-CS-534							
STEM/PLUG	CONVAL, INC.	N/A	N/A	ASP-13070	1989	REPLCEMNT	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.

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FORM NIS-2 (Back)

Remarks UNIT 1, REPLACED STEM/PLUG ASSEMBLY ON VALVE 1-CS-534.
Applicable Manufacturer's Data Reports to be attached

STEM/PLUG ASSY. PURCHASED PER P.O.06846-041-0X.

Ref. JO # 723682 File:ME-VAL-1-CS-534 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.

MR. P. J. [Signature] Commissions MILHOUS ENGINEERING
 Inspector's Signature National Board, State, Province, Endorsements

Date May 13 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/18/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A003197, 1-CS-536, 4" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CHEMICAL VOLUME 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 1-CS-536							
DISC ASSY.	CONVAL, INC.	N/A	N/A	ASP-13108	1990	REPLCEMNT	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.

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ISI Class: 2

Date 4-21 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 Date 11/28/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A007967, 1-CTS-130W, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by ROGERS Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System CONTAINMENT SPRAY
5. (a) Applicable Const. Code 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 1-CTS-130W							
B/B STUDS	WALWORTH CO.	N/A	N/A	ASP-2005	1976	REPLCEMNT	NO
B/B NUTS	WALWORTH CO.	N/A	N/A	ASP-2005	1976	REPLCEMNT	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.

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AMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED B/B STUDS/NUTS ON VALVE 1-CTS-130W
Applicable Manufacturer's Data Reports to be attached
STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPM802OCN AND
P.O.02416-821-1
Ref. JO # A007967 File:ME-VAL-1-CTS-130W ISI Class: 3

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-19-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. J. M. [Signature] Commissions Mich 0055, ENR NIT
Inspector's Signature National Board, State, Province, Endorsements

Date 3-30 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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 Date 12/25/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A007334, 1-DCR-320, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WAUGH, JONES, JONES Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code 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 1-DCR-320							
PLUG	HAMMEL-DAHL	N/A	N/A	ASP-12219	1990	REPLCEMNT	NO
B/B STUDS	CARDINAL	N/A	N/A	ASP-12751	1990	REPLCEMNT	NO
B/B NUTS	CARDINAL	N/A	N/A	ASP-12751	1990	REPLCEMNT	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.

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AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED PLUG AND B/B STUDS/NUTS ON VALVE 1-DCR-320.
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER P.O.05518-041-0X.

PLUG PURCHASED PER SPEC. DCCPV702QCN AND P.O.01886-041-9X.

Ref. JO # A007334 File:ME-VAL-1-DCR-320 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed *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 3-17-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Winterhagen Commissions Mich 0055, ENR N.E.
Inspector's Signature National Board, State, Province, Endorsements

Date 3-30 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

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|---|---------------------------------------|
| 1. Owner <u>INDIANA MICHIGAN POWER COMPANY</u> | Date <u>12/08/90</u> |
| Name | |
| <u>P.O. Box 60 Fort Wayne, IN 46801</u> | Sheet <u>1</u> of <u>2</u> |
| Address | |
| 2. Plant <u>D.C. COOK NUCLEAR POWER PLANT</u> | Unit <u>1</u> |
| Name | |
| <u>One Cook Place, Bridgman, MI 49106</u> | <u>A019103, 1-FFI-230, FLOW INST.</u> |
| Address | Repair Org. P.O. No., Job No., etc |
| 3. Work Performed by <u>SCALLY</u> | Type Code Symbol Stamp <u>N/A</u> |
| Name | Authorization No. <u>N/A</u> |
| <u>Same as #2</u> | Expiration Date <u>N/A</u> |
| Address | |
| 4. Identification of System <u>AUXILIARY FEEDWATER</u> | |
| 5. (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed., N/A</u> Add. <u>N/A</u> Code Case | |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1983,</u> | |
| <u>Summer 1983 Addenda</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
FLOW INST. 1-FFI-230							
FLG. STUDS	TEXAS BOLT	N/A	N/A	ASP-11909	1989	REPLCEMNT	NO
FLANGES	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO

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

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

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AMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED FLANGE STUDS/NUTS AND REPAIRED PIPE AND
Applicable Manufacturer's Data Reports to be attached

FLANGE SURFACES BY WELDING AND GRINDING. WELDING PERFORMED PER
WPS'S 1.1 AND 10.4. STUDS/NUTS PURCHASED PER SPECIFICATION
DCCPV105QCN AND P.O.40399-042-9

Ref. JO # A019103 File:ME-VAL-1-FFI-230 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 11-29-90 to 3-21-91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.A. Matuszewska Commissions Mich 0055, ENR N&I
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-30 19 93

一、二、三、四、五、六、七、八、九、十、十一、十二、十三、十四、十五、十六、十七、十八、十九、二十、二十一、二十二、二十三、二十四、二十五、二十六、二十七、二十八、二十九、三十、三十一、三十二、三十三、三十四、三十五、三十六、三十七、三十八、三十九、四十、四十一、四十二、四十三、四十四、四十五、四十六、四十七、四十八、四十九、五十、五十一、五十二、五十三、五十四、五十五、五十六、五十七、五十八、五十九、六十、六十一、六十二、六十三、六十四、六十五、六十六、六十七、六十八、六十九、七十、七十一、七十二、七十三、七十四、七十五、七十六、七十七、七十八、七十九、八十、八十一、八十二、八十三、八十四、八十五、八十六、八十七、八十八、八十九、九十、九十一、九十二、九十三、九十四、九十五、九十六、九十七、九十八、九十九、一百。

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 Date 11/28/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A003767, 1-FW-118-1, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by ELLISON, JONES Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System FEEDWATER
5. (a) Applicable Const. Code ANSI B31.1 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 1-FW-118-1							
B/B STUDS/NUTS	CARDINAL	N/A	N/A	ASP-13033	1990	REPLCEMNT	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.

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AMMENDED
FORM NIS-2 (Back)

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

STUDS AND NUTS PURCHASED PER SA-193 GR. B7 AND SA-194 GR. 2H
AND P.O.08441-041-0X.

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 7-24-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 3-30 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

[illegible]

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09/19/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A003049, 1-FW-131-1, 4" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System FEEDWATER
5. (a) Applicable Const. Code ANSI B31.1 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 1-FW-131-1							
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 ☒ Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each 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 1, REPLACED STUDS/NUTS ON VALVE 1-FW-131-1.
Applicable Manufacturer's Data Reports to be attached

STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV1050CN AND

P.O.40399-042-9.

Ref. JO # A003049 File:ME-VAL-1-FW-131-1 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 4-22-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Muterbaugh Commissions Mich 0055, ENR, N.E.T.
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-22 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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 Date 12/23/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A013127, 1-FW-132-1, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by ZOUCK Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System FEEDWATER
5. (a) Applicable Const. Code ANSI B31.1 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 Identification	Year Built	Repaired-Replaced or Replacement	ASME Code Stamped (Yes or No)
VALVE 1-FW-132-1	ATWOOD MORRELL	N/A	N/A	N/A	N/A	REPAIRED	NO

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

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

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AMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPAIRED VALVE COVER. MACHINED TO REMOVE PITS FROM
Applicable Manufacturer's Data Reports to be attached

COVER OF VALVE 1-FW-132-1 (SEATING SURFACE)

Ref. JO # A013127 File:ME-VAL-1-FW-132-1 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 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.

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

Date 5-13 1993

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 12/17/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A008320, 1-FW-S11, SNUBBER
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by REESE Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System FEEDWATER
5. (a) Applicable Const. Code 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 1-FW-S11							
LOAD PIN	GRINNELL	N/A	N/A	ASP-10155	1988	REPLCEMNT	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.



AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED LOAD PIN ON SNUBBER 1-FW-S11
Applicable Manufacturer's Data Reports to be attached
LOAD PIN PURCHASED PER SPECIFICATION DCCPV402OCN AND
P.O.44764-042-7X
Ref. JO # A008320 File:ME-VAL-1-FW-S11 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R. Pisarsky, Maint. Eng. Supervisor Date 3-15, 19 83
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 4-4-81 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.R. Winterhough Commissions MICH 0055, ENR N.E.I.
 Inspector's Signature National Board, State, Province, Endorsements

Date 3-30 19 83

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 12/18/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A008320, 1-FW-S12, SNUBBER
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by REESE Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System FEEDWATER
5. (a) Applicable Const. Code 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 1-FW-S12	GRINNELL	6138	N/A	N/A	1972	REPLACED	NO
SNUBBER	GRINNELL	31280	N/A	N/A	1978	REPLCEMNT	NO
ROD EYE	GRINNELL	N/A	N/A	ASP-12135	1989	REPLCEMNT	NO
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 ☒ Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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, REPLACED SNUBBER, ROD EYE, AND LOAD PIN ON 1-FW-S12
Applicable Manufacturer's Data Reports to be attached

SNUBBER PURCHASED PER ASME SECTION III, 1974 EDITION, THRU
SUMMER 1976 ADDENDA. ROD EYE AND LOAD PIN PURCHASED PER
SPECIFICATION DCCPV402OCN.

Ref. JO # A008320 File:ME-VAL-1-FW-S12

ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 3-15-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. MITSUNAGA Commissions Mich 0055, ENR N.E.I.
Inspector's Signature National Board, State, Province, Endorsements

Date 3-30 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 12/26/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A008320, 1-FW-S5, SNUBBER
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by REESE Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System FEEDWATER
5. (a) Applicable Const. Code 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 1-FW-S5	GRINNELL	6143	N/A	N/A	1972	REPLACED	NO
SNUBBER	GRINNELL	31278	N/A	N/A	1976	REPLCEMNT	NO
ROD EYE	GRINNELL	N/A	N/A	ASP-12135	1990	REPLCEMNT	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.

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AMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED SNUBBER AND ROD EYE ON 1-FW-S5
Applicable Manufacturer's Data Reports to be attached

SNUBBER AND ROD EYE PURCHASED PER SPECIFICATION DCCPV402OCN

Ref. JO # A008320 File:ME-VAL-1-FW-S5

ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4/8/91 to —, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.A. Muterbaugh Commissions Mich 0055, END N&I
Inspector's Signature National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 12/20/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A008320, 1-GRC-S562, SNUBBER
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by RHEU Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code ANSI B31.1 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 1-GRC-S562							
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 ☒ Other ☐ Pressure psi Test Temp. °F

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

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AMMEDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED LOAD PIN ON SNUBBER 1-GRC-S562
Applicable Manufacturer's Data Reports to be attached

LOAD PIN PURCHASED PER SPECIFICATION DCCPV402OCN

Ref. JO # A008320 File:ME-VAL-1-GRC-S562 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-4-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. Stropach Commissions Mich 0055. ENGR N.E.I.
 Inspector's Signature National Board, State, Province, Endorsements.

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

[illegible]

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/15/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A008320, 1-GRC-S582, SNUBBER
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WALLACE, REESE Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code 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 1-GRC-S582							
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 ☒ Other ☐ Pressure _____ psi Test Temp. _____ °F

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

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AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED LOAD PIN ON SNUBBER 1-GRC-S582
Applicable Manufacturer's Data Reports to be attached

LOAD PIN PURCHASED PER SPECIFICATION DCCPV4020CN

Ref. JO # A008320 File:ME-VAL-1-GRC-S582 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-4-91 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. Mottisaw
Inspector's Signature

Commissions Michigan, EN & NFI
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-31 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 09/28/89
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A000410, 1-GRH-L31, HANGER
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WILLIAMS, BARINKA Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

5. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
HANGER 1-GRH-L31							
U-BOLT NUT	GRINNELL	N/A	N/A	ASP-1102	1977	REPLCEMNT	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.

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AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED U-BOLT NUT ON HANGER 1-GRH-L31
Applicable Manufacturer's Data Reports to be attached

REF. RFC-DD12-2427

Ref. JO # A000410 File:PS-HGR-1-GRH-L31 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 8-14-90 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

in 2nd Interagency Commissions Michigan, ENR NIT
Inspector's Signature National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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 Date 10/12/89
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A000416, 1-GRH-L33, HANGER
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by LAYMAN, MAGGARD, RICE Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 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)
HANGER 1-GRH-L33							
U-BOLT NUT	GRINNELL	N/A	N/A	ASP-1102	1977	REPLCEMNT	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.

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AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED U-BOLT NUT ON HANGER 1-GRH-L33
Applicable Manufacturer's Data Reports to be attached

REF. RFC-DD12-2427

Ref. JO # A000416 File:PS-HGR-1-GRH-L33 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 11-6-90 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.R. Moten
Inspector's Signature

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-31 1993

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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 Date 12/07/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A008320, 1-GRH-S7A, SNUBBER
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by REESE Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System 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)
SNUBBER 1-GRH-S7A	GRINNELL	8937	N/A	N/A	1972	REPLACED	NO
SNUBBER	GRINNELL	31267	N/A	ASP-11707	1976	REPLCEMNT	NO
ROD EYE	GRINNELL	N/A	N/A	ASP-11382	1989	REPLCEMNT	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.

1. The first part of the document is a list of names and addresses of the members of the committee.

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED SNUBBER AND ROD EYE AT 1-GRH-S7A
Applicable Manufacturer's Data Reports to be attached

SNUBBER AND ROD EYE PURCHASED PER SPECIFICATION DCCPV402OCN

Ref. JO # A008320 File:ME-VAL-1-GRH-S7A ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-15-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. L. [Signature]
Inspector's Signature

Commissions Mich 0053, END NFI
National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 3-31 19 93

[illegible]

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 Date 12/15/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A008320, 1-GSI-S575, SNUBBER
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by REESE Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System SAFETY INJECTION
5. (a) Applicable Const. Code 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 1-GSI-S575							
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 ☒ Other ☐ Pressure psi Test Temp. °F

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

1. The first part of the document is a list of names and addresses of the members of the committee.

2. The second part of the document is a list of names and addresses of the members of the committee.

3. The third part of the document is a list of names and addresses of the members of the committee.

4. The fourth part of the document is a list of names and addresses of the members of the committee.

5. The fifth part of the document is a list of names and addresses of the members of the committee.

6. The sixth part of the document is a list of names and addresses of the members of the committee.

AMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED LOAD PIN ON SNUBBER 1-GSI-S575
Applicable Manufacturer's Data Reports to be attached

LOAD PIN PURCHASED PER SPECIFICATION DCCPV402OCN

Ref. JO # A008320 File:ME-VAL-1-GSI-S575 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-4-71 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. M. M. M. M. Commissions MICH. 0055, ENCL NIS I
Inspector's Signature National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 12/15/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A008320, 1-GSI-S707, SNUBBER
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WALLACE Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System SAFETY INJECTION
5. (a) Applicable Const. Code 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 1-GSI-S707							
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 ☒ Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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, REPLACED LOAD PIN ON SNUBBER 1-GSI-S707
Applicable Manufacturer's Data Reports to be attached

LOAD PIN PURCHASED PER SPECIFICATION DCCPV402OCN

Ref. JO # A008320 File:ME-VAL-1-GSI-S707 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-4-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MA Mutual
Inspector's Signature

Commissions MICH 0055, END N5T
National Board, State, Province, Endorsements

Date 3-31 1993

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 12/05/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722635, 1-ICM-305, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WAUGH, HALL, ANTHONY Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System 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 1-ICM-305							
B/B STUDS	CARDINAL	N/A	N/A	ASP-12988	1990	REPLCEMNT	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLCEMNT	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.

一、二、三、四、五、六、七、八、九、十、十一、十二、十三、十四、十五、十六、十七、十八、十九、二十、二十一、二十二、二十三、二十四、二十五、二十六、二十七、二十八、二十九、三十、三十一、三十二、三十三、三十四、三十五、三十六、三十七、三十八、三十九、四十、四十一、四十二、四十三、四十四、四十五、四十六、四十七、四十八、四十九、五十、五十一、五十二、五十三、五十四、五十五、五十六、五十七、五十八、五十九、六十、六十一、六十二、六十三、六十四、六十五、六十六、六十七、六十八、六十九、七十、七十一、七十二、七十三、七十四、七十五、七十六、七十七、七十八、七十九、八十、八十一、八十二、八十三、八十四、八十五、八十六、八十七、八十八、八十九、九十、九十一、九十二、九十三、九十四、九十五、九十六、九十七、九十八、九十九、一百。

AMENDED
FORM NIS-2 (Back)

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

VALVE 1-ICM-305. REF. RFC-12-2718

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-17-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 12/05/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722636, 1-ICM-306, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WAUGH, ANTHONY Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System 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 1-ICM-306							
B/B STUDS	CARDINAL	N/A	N/A	ASP-12988	1990	REPLCEMNT	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLCEMNT	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.

1. The first part of the document is a list of names and addresses of the members of the committee.

2. The second part of the document is a list of names and addresses of the members of the committee.

3. The third part of the document is a list of names and addresses of the members of the committee.

4. The fourth part of the document is a list of names and addresses of the members of the committee.

5. The fifth part of the document is a list of names and addresses of the members of the committee.

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7. The seventh part of the document is a list of names and addresses of the members of the committee.

8. The eighth part of the document is a list of names and addresses of the members of the committee.

9. The ninth part of the document is a list of names and addresses of the members of the committee.

10. The tenth part of the document is a list of names and addresses of the members of the committee.

AMMENDED
FORM NIS-2 (Back)

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

VALVE 1-ICM-306. REF. RFC-12-2718

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-24-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions Mich 0055, ENGR N.E.I.
National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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THE
FEDERAL
BUREAU
OF
INVESTIGATION
OF
THE
DEPARTMENT
OF
JUSTICE
WASHINGTON
D. C.
20535

MEMORANDUM
FOR THE DIRECTOR
FROM THE CHIEF OF BUREAU
SUBJECT: [Illegible]

[Illegible text follows]

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 Date 11/26/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 722654, 1-ICM-311, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by FLORY, KIGHT, RUSSELL Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System 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 1-ICM-311							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1990	REPLCEMNT	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLCEMNT	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.

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24. The twenty-fourth part is a list of the names and addresses of the members of the committee.

AMMENDED
FORM NIS-2 (Back)

9.	Remarks	<u>Unit 1, REPLACED CS STUDS/NUTS WITH SS STUDS/NUTS ON</u> <u>Applicable Manufacturer's Data Reports to be attached</u> <u>VALVE 1-ICM-311. STUDS AND NUTS PURCHASED PER SPECIFICATION</u> <u>DCCPV105OCN AND P.O.06117-041-8X.</u> <u>Ref. JO # 722654 File:ME-VAL-1-ICM-311 ISI Class: 2</u>
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CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-24-91 to -, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. McIntosh Commissions MICHOSS, ENDPNT
Inspector's Signature National Board, State, Province, Endorsements

***FACTORY MUTUAL ENGINEERING ASSOCIATION**

Date 3-31 19 93

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

1. Owner <u>INDIANA MICHIGAN POWER COMPANY</u>	Date <u>11/28/90</u>
Name _____	
<u>P.O. Box 60 Fort Wayne, IN 46801</u>	Sheet <u>1</u> of <u>2</u>
Address _____	
2. Plant <u>D.C. COOK NUCLEAR POWER PLANT</u>	Unit <u>1</u>
Name _____	
<u>One Cook Place, Bridgman, MI 49106</u>	<u>722655, 1-ICM-321, VALVE</u>
Address _____	Repair Org. P.O. No., Job No., etc
3. Work Performed by <u>JONES, VERN</u>	Type Code Symbol Stamp <u>N/A</u>
Name _____	Authorization No. <u>N/A</u>
<u>Same as #2</u>	Expiration Date <u>N/A</u>
Address _____	
4. Identification of System <u>RESIDUAL HEAT REMOVAL</u>	
5. (a) Applicable Const. Code <u>ANSI B31.1 1983 Ed., N/A</u>	Add. <u>N/A</u> Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1983,</u>	
<u>Summer 1983 Addenda</u>	

6. Identification of Components Repaired or Replaced and Replacement Components

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

SECRET

AMMENDED
FORM NIS-2 (Back)

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

VALVE 1-ICM-321. REF. RFC-12-2718

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 7-19-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Winterpough
Inspector's Signature

Commissions Mich 0055, End NPT

National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 11/27/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722631, 1-IMO-110, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by BRINKS, SULAK, WILLIAMS Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System 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 1-IMO-110							
B/B STUDS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLCEMNT	NO
B/B NUTS	NOVA MACHINE	N/A	N/A	ASP-11021	1989	REPLCEMNT	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.

AMENDED
FORM NIS-2 (Back)

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

VALVE 1-IMO-110. REF. RFC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV105OCN AND P.O.06117-041-8X

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-17-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Mataspang Commissions Mich 0055, ENR NIT
 Inspector's Signature National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/01/90
Name
P.O. Box 60 Fort Wayne, IN 46801
Address
Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722632, 1-IMO-120, VALVE
Address Repair Org. P.O. No., Job No., etc

3. Work Performed by IMLER, RUSSEL, CHERETTI Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System RESIDUAL HEAT REMOVAL

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

| Name of Component | Name of Manufacturer | Manuf. Serial No. | Nat. Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-IMO-120 | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
N/A ☒ Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 1-IMO-120. REF. RFC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV105OCN AND P.O.06117-041-8X

Ref. JO # 722632 File:ME-VAL-1-IMO-120 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-17-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mike Mutapangh Commissions Mich 0055, ENCL N&T
 Inspector's Signature National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 11/18/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 722633, 1-IMO-130, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by SCALLY Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 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
1-IMO-130 | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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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.

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AMMENDED
FORM NIS-2 (Back)

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

VALVE 1-IMO-130. REF. RFC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV105QCN AND P.O.06117-041-8X

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 7-19-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Matuszanski Commissions Mich 0055, ENR NIT
 Inspector's Signature National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/30/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722634, 1-IMO-140, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by BRINKS, SULAK, WILLIAMS Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System 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
1-IMO-140 | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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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.

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AMMENDED
FORM NIS-2 (Back)

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

VALVE 1-IMO-140. REF. RFC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV105OCN AND P.O.06117-041-8X

Ref. JO # 722634 File:ME-VAL-1-IMO-140 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-17-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Metersbaugh Commissions Michooss, ENR N&I
 Inspector's Signature National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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 Date 11/26/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A009554, 1-IMO-204, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by ZOUCK Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CONTAINMENT SPRAY
5. (a) Applicable Const. Code ANSI B31.1 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
1-IMO-204 | | | | | | | |
| B/B STUDS | CARDINAL | N/A | N/A | ASP-11944 | 1989 | REPLCEMNT | NO |
| B/B NUTS | CARDINAL | N/A | N/A | ASP-12761 | 1990 | REPLCEMNT | NO |
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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.

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AMENDED
FORM NIS-2 (Back)

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

VALVE 1-IMO-204. REF. RFC-12-2718. STUDS PURCHASED PER SPEC.

DCCPV1050CN ANDP.O.03535-041-9X. NUTS PURCHASED PER SA-194 GR.8F

AND P.O.06194-041-0X.

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-17-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 11/24/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 722647, 1-IMO-310, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by HURD, CHARETTE Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 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
1-IMO-310 | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| | | | | | | | |
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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.

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AMENDED
FORM NIS-2 (Back)

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

VALVE 1-IMO-310. REF. RFC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV105OCN AND P.O.06117-041-8X

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R. Plsarsky, Maint. Eng. Supervisor Date 3-15, 19 92
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by ARKWRIGHT MUTUAL INS. CO.* of NORWOOD, MASS. have inspected the components described in this Owner's Report during the period 7-19-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Matsonbaugh Commissions MICH 0055, ENR N.I.
 Inspector's Signature National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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 Date 12/03/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722649, 1-IMO-314, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by EMLER, MCKAY, GAISER Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System 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
1-IMO-314 | | | | | | | |
| B/B STUDS | CARDINAL | N/A | N/A | ASP-11944 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11824 | 1989 | REPLCEMNT | NO |
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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.

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AMMENDED
FORM NIS-2 (Back)

9. Remarks. Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached
- VALVE 1-IMO-314. REF. RFC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV105OCN.
- Ref. JO # 722649 File:ME-VAL-1-IMO-314 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 2-18-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. J. Minter Commissions Mich 0055 ENR N&I
 Inspector's Signature National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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 Date 11/28/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722648, 1-IMO-320, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by ROGERS Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 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
1-IMO-320 | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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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.

AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached
- VALVE 1-IMO-320. REF. RFC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV105OCN AND P.O.06117-041-8X
- Ref. JO # 722648 File:ME-VAL-1-IMO-320 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-18-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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 Date 11/27/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 722650, 1-IMO-324, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by HADSELL Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 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
1-IMO-324 | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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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.

1. The first part of the document is a list of names and addresses of the members of the committee.

2. The second part of the document is a list of names and addresses of the members of the committee.

3. The third part of the document is a list of names and addresses of the members of the committee.

AMMENDED
FORM NIS-2 (Back)

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

VALVE 1-IMO-324. REF. RFC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV105OCN AND P.O.06117-041-8X

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-17-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Matusz Commissions Mich 0055 ENRNI
 Inspector's Signature National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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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 Date 11/27/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722652, 1-IMO-350, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by RUSSEL Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 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
1-IMO-350 | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| | | | | | | | |
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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.

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AMMENDED
FORM NIS-2 (Back)

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

VALVE 1-IMO-350. REF. RFC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV105OCN AND P.O.06117-041-8X

Ref. JO # 722652 File:ME-VAL-1-IMO-350 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-17-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

FR. Pisarsky Commissions Mich 0055, ENR N&I
Inspector's Signature National Board, State, Province, Endorsements

Date 3-31 19 91

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 1/23/91
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A50992, 1-MRV-220, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by HESS, KRIGER, BURKE Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code 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 Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-MRV-220 | 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-8391 | 1984 | REPLCEMNT | NO |
| B/B NUTS | A & M | N/A | N/A | ASP-12284 | 1990 | REPLCMNT | 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.

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AMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED B/B STUDS/NUTS & PERFORMED WELD REPAIR OF
Applicable Manufacturer's Data Reports to be attached

VENT LINE PER WPS 1.1 ON VALVE 1-MRV-220

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV803OCN

Ref. JO # A50992 File:ME-VAL-1-MRV-220 ISI Class: 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this
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 10-28-90 to 12-1-90, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.R. Muterbaugh Commissions MICH 0055, ENR N/I
Inspector's Signature National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 02/12/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A010718, 1-MRV-221, 2" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manuf. Serial No. | Nat. Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-MRV-221 | | | | | | | |
| PLUG | FISHER CNTRLS | N/A | N/A | ASP-12013 | 1990 | REPLCEMNT | NO |
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7. Description of Work (See Remarks)

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

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

FORM NIS-2 (Back)

9. Remarks UNIT 1, REPLACED PLUG ON VALVE 1-MRV-221.Applicable Manufacturer's Data Reports to be attachedPLUG PURCHASED PER SPEC. DCCPV702OCN AND P.O.02316-041-9X.Ref. JO # A010718 File:ME-VAL-1-MRV-221ISI 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/ACertificate of Authorization No. N/A Expiration Date N/ASigned 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 4-22-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's SignatureCommissions MICH0055, ENDRNT

National Board, State, Province, Endorsements

Date 4-22 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/20/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A016007, 1-MRV-222, 2" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 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
1-MRV-222 | | | | | | | |
| PLUG | FISHER CNTRLS | N/A | N/A | ASP-12622 | 1990 | REPLCEMNT | NO |
| | | | | | | | |
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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.

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FORM NIS-2 (Back)

9. Remarks UNIT 1, REPLACED PLUG IN VALVE 1-MRV-222.
Applicable Manufacturer's Data Reports to be attached

DISC PURCHASED PER SPECIFICATION DCCPV702OCN AND

P.O.02426-041-0X.

Ref. JO # A016007 File:ME-VAL-1-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 4-22-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Waterhouse Commissions MICHOSS, END N&T
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-22 19 93

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

As Required by the Provisions of the ASME Code Section XI

1. Owner INDIANA MICHIGAN POWER COMPANY Date 04/25/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A016302, 1-MRV-223, 6" VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manuf. Serial No. | Nat. Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-MRV-223 | | | | | | | |
| PLUG | FISHER CNTRLs | N/A | N/A | ASP-9560 | 1987 | REPLCEMNT | NO |
| STUDS | CARDINAL | N/A | N/A | ASP-11061 | 1989 | REPLCEMNT | NO |
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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.

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FORM NIS-2 (Back)

9. Remarks UNIT 1, REPLACED PLUG AND B/B STUDS ON VALVE 1-MRV-223Applicable Manufacturer's Data Reports to be attachedPLUG PURCHASED PER SPEC. DCCPV702OCN AND P.O.04029-041-6X.STUDS PURCHASED PER SPEC. DCCPV105OCN AND P.O.01334-041-9X.Ref. JO # A016302 File:ME-VAL-1-MRV-223 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/ACertificate of Authorization No. N/A Expiration Date N/ASigned 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 5/17/90 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.

ME [Signature] Commissions MA-10055, EN-2N1
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-22 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/23/91
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A50993, 1-MRV-230, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by HESS, KRIGER, BURKE Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code 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 Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-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 | 1984 | REPLCMNT | 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.

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AMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED B/B STUDS/NUTS & PERFORMED WELD REPAIR OF
Applicable Manufacturer's Data Reports to be attached

VENT LINE PER WPS 1.1 ON VALVE 1-MRV-230

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV803OCN

Ref. JO # A50993 File:ME-VAL-1-MRV-230 ISI Class: 2

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this
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 10-28-90 to 12-1-90, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Muterpaugh Commissions Mich 0055, ENDORSE
 Inspector's Signature National Board, State, Province, Endorsements

Date 3-31 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/21/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A016008, 1-MRV-231, 2" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

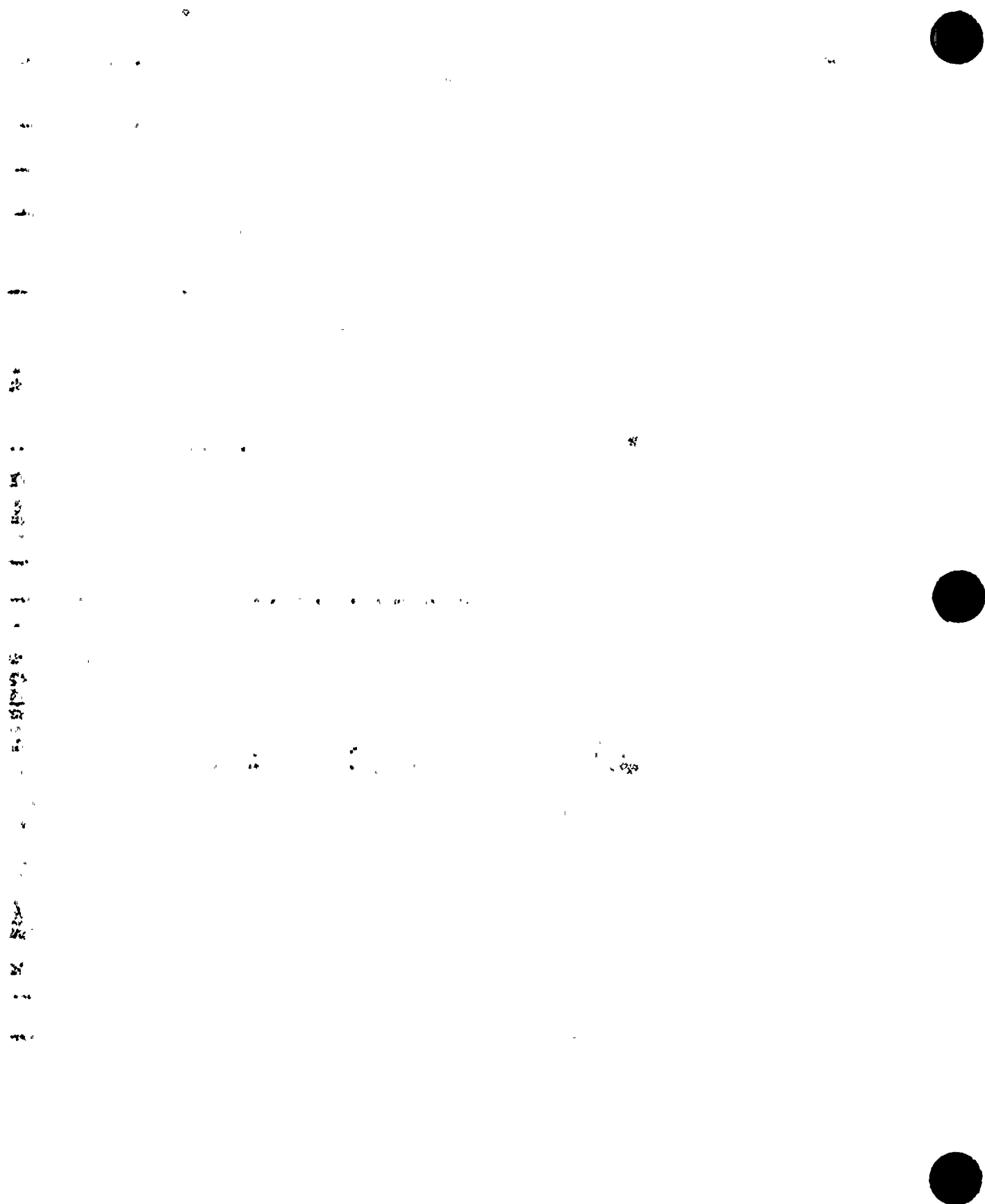
6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manuf. Serial No. | Nat. Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-MRV-231 | | | | | | | |
| PLUG | FISHER CNTRLS | N/A | N/A | ASP-12623 | 1990 | REPLCEMNT | NO |
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7. Description of Work (See Remarks)

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

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



FORM NIS-2 (Back)

Remarks UNIT 1, REPLACED PLUG IN VALVE 1-MRV-231.Applicable Manufacturer's Data Reports to be attachedDISC PURCHASED PER SPECIFICATION DCCPV702OCN ANDP.O.01429-041-0X.Ref. JO # A016008 File:ME-VAL-1-MRV-231ISI 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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed F.R. Pysarsky, 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 4-20-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-20 19 93

[illegible]

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/24/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A018371, 1-MRV-232, 2" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manuf. Serial No. | Nat. Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-MRV-232 | | | | | | | |
| PLUG | FISHER CNTRLS | N/A | N/A | ASP-12622 | 1990 | REPLCEMNT | NO |
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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.

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FORM NIS-2 (Back)

9. Remarks UNIT 1, REPLACED PLUG IN VALVE 1-MRV-232.
Applicable Manufacturer's Data Reports to be attached

DISC PURCHASED PER SPECIFICATION DCCPV702OCN AND

P.O.02426-041-0X.

Ref. JO # A018371 File:ME-VAL-1-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 3-15, 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 4-22-93 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.

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

Date 4-22 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 1/11/91
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A41258, 1-MRV-241, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by JONES Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 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
1-MRV-241 | | | | | | | |
| B/B STUDS | CARDINAL | N/A | N/A | ASP-13162 | 1990 | REPLCEMNT | NO |
| B/B NUTS | CARDINAL | N/A | N/A | ASP-13162 | 1990 | REPLCEMNT | NO |
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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.

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THE UNIVERSITY OF CHICAGO

AMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED B/B STUDS/NUTS ON VALVE 1-MRV-241
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SA-193 GR. B7 AND SA-194 GR. 2H
AND P.O.08418-041-0X

Ref. JO # A41258 File:ME-VAL-1-MRV-241 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-17-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Mutersbaugh Commissions Mich 0055, ENR N&I
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-5 19 93

1. The first part of the document is a list of names and dates, arranged in a vertical column on the left side of the page. The names are written in a cursive script, and the dates are written in a simpler, more legible font. The list appears to be a record of some kind, possibly a list of births or deaths, given the format of the entries.

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/28/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A016010, 1-MRV-242, 2" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manuf. Serial No. | Nat. Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-MRV-242 | | | | | | | |
| PLUG | FISHER CNTRLS | N/A | N/A | ASP-12622 | 1990 | REPLCEMNT | NO |
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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.

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FORM NIS-2 (Back)

9. Remarks UNIT 1, REPLACED PLUG IN VALVE 1-MRV-242.Applicable Manufacturer's Data Reports to be attachedDISC PURCHASED PER SPECIFICATION DCCPV702QCN ANDP.O.02426-041-0X.Ref. JO # A016010 File:ME-VAL-1-MRV-242ISI 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/ACertificate of Authorization No. N/A Expiration Date N/ASigned 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 4-22-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Muterough
 Inspector's Signature

Commissions MIC 0055, ENRNET
 National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-22 19 93



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

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AMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED VALVE AND 2" CS SCH 80 PIPE. REF. 12-MM-22.94
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 # A37447 File:ME-VAL-1-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 3-5, 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 4-18-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. J. [Signature]
Inspector's Signature

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

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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 Date 12/22/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A008320, 1-MSS-1, SNUBBER
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by REESE Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code 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 1-MSS-1 | GRINNELL | 6318 | N/A | N/A | 1972 | REPLACED | NO |
| SNUBBER | GRINNELL | 18126 | N/A | ASP-11956 | N/A | REPLCEMNT | NO |
| ROD EYE | GRINNELL | N/A | N/A | ASP-13187 | 1988 | REPLCEMNT | NO |
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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.

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AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED SNUBBER AND ROD EYE ON 1-MSS-1
Applicable Manufacturer's Data Reports to be attached

SNUBBER PURCHASED PER ORIGINAL DESIGN SPECIFICATION. ROD EYE
DEDICATED PER DEDICATION PLAN DCCPV12DP051, REV. 3

Ref. JO # A008320 File:ME-VAL-1-MSS-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 4-15-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. K. Matersbaugh Commissions Mich 0055, ENP NIT
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

1. The first part of the document is a list of names and addresses, which are arranged in a column on the left side of the page. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list includes names such as "John Doe", "Jane Smith", and "Robert Brown", along with their respective addresses in various cities and states.

2. The second part of the document is a series of short, handwritten notes or entries, which are arranged in a column on the right side of the page. These notes are written in a cursive script and appear to be a continuation of the information provided in the first part of the document. They include details such as dates, times, and specific locations, which are written in a more informal, handwritten style.

3. The third part of the document is a series of short, handwritten notes or entries, which are arranged in a column on the left side of the page. These notes are written in a cursive script and appear to be a continuation of the information provided in the first part of the document. They include details such as dates, times, and specific locations, which are written in a more informal, handwritten style.

4. The fourth part of the document is a series of short, handwritten notes or entries, which are arranged in a column on the right side of the page. These notes are written in a cursive script and appear to be a continuation of the information provided in the first part of the document. They include details such as dates, times, and specific locations, which are written in a more informal, handwritten style.

5. The fifth part of the document is a series of short, handwritten notes or entries, which are arranged in a column on the left side of the page. These notes are written in a cursive script and appear to be a continuation of the information provided in the first part of the document. They include details such as dates, times, and specific locations, which are written in a more informal, handwritten style.

6. The sixth part of the document is a series of short, handwritten notes or entries, which are arranged in a column on the right side of the page. These notes are written in a cursive script and appear to be a continuation of the information provided in the first part of the document. They include details such as dates, times, and specific locations, which are written in a more informal, handwritten style.

7. The seventh part of the document is a series of short, handwritten notes or entries, which are arranged in a column on the left side of the page. These notes are written in a cursive script and appear to be a continuation of the information provided in the first part of the document. They include details such as dates, times, and specific locations, which are written in a more informal, handwritten style.

8. The eighth part of the document is a series of short, handwritten notes or entries, which are arranged in a column on the right side of the page. These notes are written in a cursive script and appear to be a continuation of the information provided in the first part of the document. They include details such as dates, times, and specific locations, which are written in a more informal, handwritten style.

9. The ninth part of the document is a series of short, handwritten notes or entries, which are arranged in a column on the left side of the page. These notes are written in a cursive script and appear to be a continuation of the information provided in the first part of the document. They include details such as dates, times, and specific locations, which are written in a more informal, handwritten style.

10. The tenth part of the document is a series of short, handwritten notes or entries, which are arranged in a column on the right side of the page. These notes are written in a cursive script and appear to be a continuation of the information provided in the first part of the document. They include details such as dates, times, and specific locations, which are written in a more informal, handwritten style.

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 Date 12/11/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A008320, 1-MSS-5, SNUBBER
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WALLACE Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System 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 1-MSS-5 | | | | | | | |
| LOAD PIN | GRINNELL | N/A | N/A | ASP-10155 | 1988 | REPLCEMNT | NO |
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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.

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AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED LOAD PIN ON SNUBBER 1-MSS-5
Applicable Manufacturer's Data Reports to be attached
LOAD PIN PURCHASED PER SPECIFICATION DCCPV402OCN AND
P.O.44764-042-7X
Ref. JO # A008320 File:ME-VAL-1-MSS-5 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-15-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MA Mutersbaugh Commissions MICH 0055, ENR NIT
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/26/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A008320, 1-MSS-6, SNUBBER
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by REESE Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code 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 1-MSS-6 | GRINNELL | 6314 | N/A | N/A | 1972 | REPLACED | NO |
| SNUBBER | GRINNELL | 30943 | N/A | N/A | 1988 | REPLCEMNT | NO |
| ROD EYE | GRINNELL | N/A | N/A | ASP-13180 | 1990 | REPLCEMNT | NO |
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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.

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AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED SNUBBER AND ROD EYE ON 1-MSS-6
Applicable Manufacturer's Data Reports to be attached

SNUBBER PURCHASED PER DCCPV402QCN, ROD EYE DEDICATED PER
DEDICATION PLAN DCCPV12DP051 AND P.O.72610-040-8

Ref. JO # A008320 File:ME-VAL-1-MSS-6 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-9-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 12/03/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A010639, 1-NRV-152, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by BELTZ Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code ASME III 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 Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE 1-NRV-152 | | | | | | | |
| PLUG | DRESSER IND. | N/A | N/A | ASP-11539 | 1989 | REPLCEMNT | NO |
| B/B STUDS | CARDINAL | N/A | N/A | ASP-11944 | 1989 | REPLCEMNT | NO |
| B/B NUTS | TEXAS BOLT | N/A | N/A | ASP-3855 | 1981 | 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.



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AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED PLUG AND B/B STUDS/NUTS ON VALVE 1-NRV-152.
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN.

PLUG PURCHASED PER SPEC. DCCPV7020CN AND P.O.07965-041-8.

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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.

MR. M. K. Thompson Commissions Mich 0055, ENRNTI
Inspector's Signature National Board, State, Province, Endorsements

Date 5-13 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 11/21/90 AND 01/08/91
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A16562, 1-NRV-164, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code ASME III 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 Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|----------------------------|----------------------|-------------------|----------------|-----------------------|--------------|----------------------------------|-------------------------------|
| VALVE
1-NRV-164
DISC | COPEES VULCAN | N/A | N/A | ASP-12164 | 1987 | REPLCEMNT | NO |
| B/B STUDS | TEXAS BOLT | N/A | N/A | ASP-6569 | 1984 | REPLCEMNT | NO |
| B/B STUDS | HDW. SPEC. CO | N/A | N/A | ASP-9611
ASP-10347 | 1986
1988 | REPLCEMNT
REPLCEMNT | NO
NO |
| B/B NUTS | TEXAS BOLT | N/A | N/A | ASP-6569 | 1983 | REPLCEMNT | NO |
| B/B NUTS | HDW. SPEC.CO | N/A | N/A | ASP-10355 | 1988 | REPLCMNT | 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.

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AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED DISC AND B/B STUDS/NUTS ON VALVE 1-NRV-164.
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV802OCN, DISC
PURCHASED PER SPEC. DCCPV702OCN AND P.O. 06471-041-6X, REF. ASP-9548
Ref. JO # A16562 File: ME-VAL-1-NRV-164 ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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.

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

Date 5-13 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 10/09/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A32537, 1-PP-46-2, BAST PUMP
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CRAMPTON, GUZMAN, REESE Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System 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 or Replacement | ASME Code Stamped (Yes or No) |
|---------------------|----------------------|-------------------|----------------|----------------------|------------|-------------------------|-------------------------------|
| BAST PUMP 1-PP-46-2 | | | | | | | |
| INLT. BOLT | TEXAS BOLT | N/A | N/A | ASP-10903 | 1988 | REPLCEMNT | NO |
| INLT. NUTS | ITT ENG. VLV. | N/A | N/A | ASP-11085 | 1988 | REPLCEMNT | NO |
| OTLT. BOLT | TEXAS BOLT | N/A | N/A | ASP-10818 | 1988 | REPLCEMNT | NO |
| OTLT. NUTS | CARDINAL | N/A | N/A | ASP-10614 | 1988 | REPLCMNT | 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.



AMMEDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED INLET/OUTLET FLANGE BOLTING ON BORIC ACID
Applicable Manufacturer's Data Reports to be attached
STORAGE TRANSFER PUMP 1-PP-46-2
BOLTS AND NUTS PURCHASED PER SPECIFICATION DCCPV838OCN
Ref. JO # A32537 File:ME-VAL-1-PP-46-2 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 3-27-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. J. M. M. M. Commissions MICH 0055, END N&I
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 11/28/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722628, 1-QCM-250, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MUNYON, BARINKA, HURD, COX Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code 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
1-QCM-250 | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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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.

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AMMENDED
FORM NIS-2 (Back)

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

VALVE 1-OCM-250. REF. REC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV105QCN AND P.O.06117-041-8X

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-17-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Muterbaugh Commissions Mich 0055, ENR N&I
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 11/29/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 722656, 1-QCM-350, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by LARSON, MADALE Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System 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
1-QCM-350 | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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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.

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AMMENDED
FORM NIS-2 (Back)

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

VALVE 1-OCM-350. REF. RFC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV105OCN AND P.O.06117-041-8X

Ref. JO # 722656 File:ME-VAL-1-OCM-350 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-17-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Martenspaugh Commissions MICH 0055, END N.E.I.
 Inspector's Signature National Board, State, Province, Endorsements

Date 4 - 5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/05/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A016497, 1-QCR-301, 2" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address 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
1-QCR-301 | | | | | | | |
| PLUG | COPE-S-VULCAN | N/A | N/A | ASP-12643 | 1990 | REPLCEMNT | NO |
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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.

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FORM NIS-2 (Back)

Remarks UNIT 1, REPLACED PLUG IN VALVE 1-OCR-301.Applicable Manufacturer's Data Reports to be attachedPLUG PURCHASED PER ASME SECTION III, 1980 EDITION THRUSUMMER 1980 ADDENDA AND P.O.00270-041-0X.Ref. JO # A016497 File:ME-VAL-1-OCR-301ISI 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/ACertificate 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 1-5-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature [Signature]Commissions Mich 0055, END 11/87

National Board, State, Province, Endorsements

Date July 8 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/09/91
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 759721, 1-RC-111L4, 2" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code ASME III 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 Identification | Year Built | Repaired or Replaced | ASME Code Stamped (Yes or No) |
|---------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------|-------------------------------|
| VALVE
1-RC-111L4 | | | | | | | |
| STEM/PLUG | CONVAL, INC. | N/A | N/A | ASP-11698 | 1989 | REPLCEMNT | NO |
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7. Description of Work (See Remarks)
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
N/A ☐ Other ☐ Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

Remarks UNIT 1, REPLACED STEM/PLUG ASSEMBLY IN VALVE 1-RC-111L4.
Applicable Manufacturer's Data Reports to be attached

STEM/PLUG ASSY. PURCHASED PER SPECIFICATION DCCPV830QCN AND

P.O.08382-041-8X.

Ref. JO # 759721 File:ME-VAL-1-RC-111L4 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 4-19-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. T. T. T.
 Inspector's Signature

Commissions Mich 0055, End N.E.
 National Board, State, Province, Endorsements

Date 4-19 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 11/21/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 759302, 1-RH-104E, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WAUGH Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 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
1-RH-104E | | | | | | | |
| B/B STUDS | TEXAS BOLT | N/A | N/A | ASP-11604 | 1989 | REPLCEMNT | NO |
| B/B NUTS | TEXAS BOLT | N/A | N/A | ASP-11604 | 1989 | REPLCEMNT | NO |
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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.



AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED B/B STUDS/NUTS ON VALVE 1-RH-104E
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-16-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Matuszewska Commissions MICH 0055, END NIT
Inspector's Signature National Board, State, Province, Endorsements

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 11/28/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722620, 1-RH-113E, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MUNYON, ELLISON, HALL Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System 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
1-RH-113E | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11010 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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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.

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AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached
- VALVE 1-RH-113E. REF. RFC-12-2718.
- STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV105OCN
- Ref. JO # 722620 File:ME-VAL-1-RH-113E ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-16-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/06/91
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722621, 1-RH-113W, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by ANTHONY, DEAN, HALL Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System 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
1-RH-113W | | | | | | | |
| B/B STUDS | CARDINAL | N/A | N/A | ASP-11944 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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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.



AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached
- VALVE 1-RH-113W. REF. RFC-12-2718.
- STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV105OCN
- Ref. JO # 722621 File:ME-VAL-1-RH-113W ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-19-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 11/29/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 722641, 1-RH-116E, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by HURD, CUSHAU Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 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
1-RH-116E | | | | | | | |
| B/B STUDS | CARDINAL | N/A | N/A | ASP-11944 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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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.

1. The first part of the document is a list of names and addresses of the members of the committee.

AMENDED
FORM NIS-2 (Back)

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

VALVE 1-RH-116E. REF. RFC-12-2718.

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV105OCN

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 3-25-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MA Mutual Commissions MICH 0055, END NFI
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

1. The first part of the document is a list of names and addresses, which are arranged in a columnar format. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list is organized into three main sections, each separated by a horizontal line. The first section contains names and addresses, the second section contains names and addresses, and the third section contains names and addresses. The list is organized into three main sections, each separated by a horizontal line. The first section contains names and addresses, the second section contains names and addresses, and the third section contains names and addresses.

2. The second part of the document is a list of names and addresses, which are arranged in a columnar format. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list is organized into three main sections, each separated by a horizontal line. The first section contains names and addresses, the second section contains names and addresses, and the third section contains names and addresses. The list is organized into three main sections, each separated by a horizontal line. The first section contains names and addresses, the second section contains names and addresses, and the third section contains names and addresses.

3. The third part of the document is a list of names and addresses, which are arranged in a columnar format. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list is organized into three main sections, each separated by a horizontal line. The first section contains names and addresses, the second section contains names and addresses, and the third section contains names and addresses. The list is organized into three main sections, each separated by a horizontal line. The first section contains names and addresses, the second section contains names and addresses, and the third section contains names and addresses.

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/27/91
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722642, 1-RH-116W, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by ELLISOR Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 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
1-RH-116W | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11010 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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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.



AMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED CS B/B STUDS/NUTS WITH SS B/B STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached
- VALVE 1-RH-116W. REF. RFC-12-2718.
- STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV105OCN
- Ref. JO # 722642 File:ME-VAL-1-RH-116W ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-16-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MA Matuszewska Commissions MICH0055, ENDET
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/07/91
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722643, 1-RH-128E, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MADALE, FLORY, ANTHONY Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System 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
1-RH-128E | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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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.



AMENDED
FORM NIS-2 (Back)

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

VALVE 1-RH-128E. REF. RFC-12-2718.

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN

Ref. JO # 722643 File:ME-VAL-1-RH-128E ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-16-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Mutisang Commissions Mich 0055, ENR NIT
Inspector's Signature National Board, State, Province, Endorsements

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/23/90
Name
P.O. Box 60 Fort Wayne, IN 46801
Address
Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106
Address
722644, 1-RH-128W, VALVE
Repair Org. P.O. No., Job No., etc

3. Work Performed by IMLER, LUTHER Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System RESIDUAL HEAT REMOVAL

5. (a) Applicable Const. Code ANSI B31.1 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
1-RH-128W | | | | | | | |
| B/B STUDS | CARDINAL | N/A | N/A | ASP-11944 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| | | | | | | | |
| | | | | | | | |

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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, REPLACED CS B/B STUDS/NUTS WITH SS STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached

VALVE 1-RH-128W. REF. RFC-12-2718.

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV105QCN

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-19-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. M. J. Murphy Commissions MICH 0055, END N.I.

Date 4-5 19 93

***FACTORY MUTUAL ENGINEERING ASSOCIATION**

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/01/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A14539, 1-RH-139, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WENDLE, WASSEN, HALL Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System 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
1-RH-139 | | | | | | | |
| B/B STUDS | CARDINAL | N/A | N/A | ASP-11944 | 1989 | REPLCEMNT | NO |
| B/B NUTS | CARDINAL | N/A | N/A | ASP-12774 | 1990 | REPLCEMNT | NO |
| | | | | | | | |
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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.

1. The first part of the document is a list of names and addresses of the members of the committee.

AMENDED
FORM NIS-2 (Back)

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

VALVE 1-RH-139.

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV105OCN

Ref. JO # A14539 File:ME-VAL-1-RH-139

ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-16-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Matusz Commissions MICH0055, ENQNI
Inspector's Signature National Board, State, Province, Endorsements

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/01/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A14539, 1-RH-140, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by HALL, WASSEN Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System RESIDUAL HEAT REMOVAL
5. (a) Applicable Const. Code ANSI B31.1 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
1-RH-140 | | | | | | | |
| B/B STUDS | CARDINAL | N/A | N/A | ASP-11944 | 1989 | REPLCEMNT | NO |
| B/B NUTS | CARDINAL | N/A | N/A | ASP-12774 | 1990 | REPLCEMNT | NO |
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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.



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AMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED FLANGE BOLTING WITH SS STUDS/NUTS ON
Applicable Manufacturer's Data Reports to be attached
VALVE 1-RH-140.
STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV105OCN
Ref. JO # A14539 File:ME-VAL-1-RH-140 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R. Pisarsky, Maint. Eng. Supervisor Date 3-15, 19 73
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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

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

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

Date 4-5 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/29/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A015346, 1-SF-153, 3" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System SPENT FUEL
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
1-SF-153 | | | | | | | |
| STEM &
DISC ASSY. | WALWORTH CO. | N/A | N/A | ASP-3201 | 1980 | REPLCEMNT | NO |
| | | | | | | | |
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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.

1. The first part of the document is a list of names and addresses of the members of the committee.

FORM NIS-2 (Back)

9. Remarks UNIT 1, REPLACED STEM & DISC ASSEMBLY ON VALVE 1-SF-153.
Applicable Manufacturer's Data Reports to be attached

STEM & DISC ASSY. PURCHASED PER SPECIFICATION DCCPM802OCN AND
P.O.05963-251-9X.

Ref. JO # A015346 File:ME-VAL-1-SF-153 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. Pisafsky, 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 4-15-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. T. T. T. T.
 Inspector's Signature

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

Date 4-15 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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 Date 11/27/90 AND 01/15/91
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A03701, 1-SI-148, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System SAFETY INJECTION
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
1-SI-148 | | | | | | | |
| B/B STUDS | CARDINAL | N/A | N/A | ASP-13284 | 1991 | REPLCEMNT | NO |
| B/B NUTS | TEXAS BOLT | N/A | N/A | ASP-3855 | 1981 | REPLCEMNT | NO |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11379 | 1989 | REPLCEMNT | 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.

1. The first part of the document is a list of names and addresses of the members of the committee.

2. The second part of the document is a list of names and addresses of the members of the committee.

3. The third part of the document is a list of names and addresses of the members of the committee.

4. The fourth part of the document is a list of names and addresses of the members of the committee.

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14. The fourteenth part of the document is a list of names and addresses of the members of the committee.

15. The fifteenth part of the document is a list of names and addresses of the members of the committee.

AMENDED
FORM NIS-2 (Back)

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

VALVE 1-SI-148. STUDS REPLACED SECOND TIME TO ALLOW HIGHER
TORQUE. STUDS/NUTS PURCHASED PER SPECIFICATION DCCPV105OCN.

Ref. JO # A03701 File:ME-VAL-1-SI-148 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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.

M. J. Nichols Commissions Nichols, END NIS
 Inspector's Signature National Board, State, Province, Endorsements

Date 5-13 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/25/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 722629, 1-SI-151E, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WAUGH Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System SAFETY INJECTION
5. (a) Applicable Const. Code ANSI B31.1 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
1-SI-151E | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| | | | | | | | |
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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.

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AMENDED
FORM NIS-2 (Back)

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

VALVE 1-SI-151E. REF. RFC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV1050CN AND P.O.06117-041-8X

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 3-25-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. J. [Signature] Commissions MICH 0055, EN & N.E.I.
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-6 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 11/28/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 722630, 1-SI-151W, VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by WILLIAMS, WAUGH Type Code Symbol, Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System 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
1-SI-151W | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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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.



AMMENDED
FORM NIS-2 (Back)

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

VALVE 1-SI-151W. REF. RFC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV105QCN AND P.O.06117-041-8X

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-16-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. J. Matuszewska Commissions MICH. 0055, ENR N&I
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-6 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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 Date 11/28/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 722638, 1-SI-152S, VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by SCALLY Type Code Symbol Stamp N/A
 Name
Same as #2 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System SAFETY INJECTION
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

5. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manuf. Serial No. | Nat. Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-SI-152S | | | | | | | |
| B/B STUDS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
| B/B NUTS | NOVA MACHINE | N/A | N/A | ASP-11021 | 1989 | REPLCEMNT | NO |
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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.

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AMMENDED
FORM NIS-2 (Back)

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

VALVE 1-SI-152S. REF. RFC-12-2718. STUDS AND NUTS PURCHASED PER
SPECIFICATION DCCPV105OCN AND P.O.06117-041-8X

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-12-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-6 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 01/10/91
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A016144, 1-SI-185, 8" VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System SAFETY INJECTION
5. (a) Applicable Const. Code ANSI B31.1 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
1-SI-185 | | | | | | | |
| DISC | WALWORTH CO. | N/A | N/A | ASP-3201 | 1980 | REPLCEMNT | NO |
| | | | | | | | |
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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.

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FORM NIS-2 (Back)

9. Remarks UNIT 1, REPLACED DISC IN VALVE 1-SI-185.
Applicable Manufacturer's Data Reports to be attached

DISC PURCHASED PER ASTM A-351 GR. CF8M AND P.O.05963-251-9X.

Ref. JO # A016144 File:ME-VAL-1-S1-185

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 4-15-93 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. Muttersbaugh Commissions Mch 0055, END N.E.
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-15 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

1. The first part of the document is a list of names and addresses of the members of the committee.

2. The second part of the document is a list of names and addresses of the members of the committee.

3. The third part of the document is a list of names and addresses of the members of the committee.

4. The fourth part of the document is a list of names and addresses of the members of the committee.

5. The fifth part of the document is a list of names and addresses of the members of the committee.

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8. The eighth part of the document is a list of names and addresses of the members of the committee.

9. The ninth part of the document is a list of names and addresses of the members of the committee.

10. The tenth part of the document is a list of names and addresses of the members of the committee.

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/02/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A03793, 1-SV-105E, SAFETY VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by BOGGS, LAWLESS Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System 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
1-SV-105E | | | | | | | |
| FLNG. BOLT | DUBOSE STEEL | N/A | N/A | ASP-12879 | 1990 | REPLCEMNT | NO |
| FLNG. BOLT | NOVA MACHINE | N/A | N/A | ASP-11226 | 1989 | REPLCEMNT | NO |
| FLNG. NUTS | DUBOSE STEEL | N/A | N/A | ASP-12879 | 1990 | REPLCEMNT | 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.

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AMMENDED
FORM NIS-2 (Back)

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

BOLTS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN.

Ref. JO # A03793 File:ME-VAL-1-SV-105E ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-12-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 4-6 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/20/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A37425, 1-SV-1A-1, SAFETY VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CUSHALL Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code 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
1-SV-1A-1 | | | | | | | |
| FLNG. BOLT | NO. CENT. HDW | N/A | N/A | ASP-3693 | 1980 | REPLCEMNT | NO |
| FLNG. BOLT | CARDINAL | N/A | N/A | ASP-11630 | 1989 | REPLCEMNT | NO |
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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.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for a systematic approach to data collection and the importance of using reliable sources of information.

3. The third part of the document describes the process of identifying and addressing potential risks and challenges. It stresses the importance of proactive risk management and the need to develop effective strategies to mitigate potential threats.

4. The fourth part of the document discusses the role of communication and collaboration in achieving the organization's goals. It emphasizes the importance of clear communication and the need for all team members to work together effectively.

5. The fifth part of the document provides a summary of the key findings and conclusions of the study. It reiterates the importance of maintaining accurate records and the need for a systematic approach to data collection and analysis.

AMENDED
FORM NIS-2 (Back)

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

BOLTING PURCHASED PER SPECIFICATION DCCPV105OCN.

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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
4-12-91 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.F. Whitcomb Commissions MICH 0055, END N.E.I.
 Inspector's Signature National Board, State, Province, Endorsements

Date 4-6 1993

*FACTORY MUTUAL ENGINEERING ASSOCIATION



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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/21/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A015327, 1-SV-1A-2, SAFETY VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manuf. Serial No. | Nat. Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-SV-1A-2 | | | | | | | |
| DISC | DRESSER IND. | N/A | N/A | ASP-11416 | 1989 | REPLCEMNT | NO |
| | | | | | | | |
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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.

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FORM NIS-2 (Back)

Remarks UNIT 1, REPLACED DISC IN VALVE 1-SV-1A-2.
Applicable Manufacturer's Data Reports to be attached

SEE ATTACHED CODE DATA REPORT.

Ref. JO # A015327 File:ME-VAL-1-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.

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

Date 5-13 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 12/20/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A37427, 1-SV-1B-1, SAFETY VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CUSHALL Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manuf. Serial No. | Nat. Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-SV-1B-1 | | | | | | | |
| FLNG. BOLT | NO. CENT. HDW | N/A | N/A | ASP-3693 | 1980 | REPLCEMNT | NO |
| FLNG. BOLT | CARDINAL | N/A | N/A | ASP-11630 | 1989 | REPLCEMNT | NO |
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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.

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AMMENDED
FORM NIS-2 (Back)

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

BOLTING PURCHASED PER SPECIFICATION DCCPV105OCN.

Ref. JO # A37427 File:ME-VAL-1-SV-1B-1 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-12-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 4-6 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/21/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A016490, 1-SV-1B-2, SAFETY VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 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
1-SV-1B-2 | | | | | | | |
| DISC | DRESSER IND. | N/A | N/A | ASP-11416 | 1989 | REPLCEMNT | NO |
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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.

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FORM NIS-2 (Back)

Remarks UNIT 1, REPLACED DISC IN VALVE 1-SV-1B-2.
Applicable Manufacturer's Data Reports to be attached

SEE ATTACHED CODE DATA REPORT.

Ref. JO # A016490 File:ME-VAL-1-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, 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.

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

Date 5-13 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/21/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A015329, 1-SV-1B-3, SAFETY VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manuf. Serial No. | Nat. Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-SV-1B-3 | | | | | | | |
| DISC | DRESSER IND. | N/A | N/A | ASP-11416 | 1989 | REPLCEMNT | NO |
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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.

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FORM NIS-2 (Back)

9. Remarks UNIT 1, REPLACED DISC IN VALVE 1-SV-1B-3.
Applicable Manufacturer's Data Reports to be attached

SEE ATTACHED CODE DATA REPORT.

Ref. JO # A015329 File:ME-VAL-1-SV-1B-3 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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.

[Signature] Commissions MILHOSS, ENDORSE
 Inspector's Signature National Board, State, Province, Endorsements

Date 5-13 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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 Date 12/20/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A37426, 1-SV-2B-1, SAFETY VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by CUSHALL Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code 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
1-SV-2B-1 | | | | | | | |
| FLNG. STUD | TEXAS BOLT | N/A | N/A | ASP-472 | 1976 | REPLCEMNT | NO |
| FLNG. NUTS | TEXAS BOLT | N/A | N/A | ASP-472 | 1976 | REPLCEMNT | NO |
| FLNG. BOLT | NO. CENT. HDW | N/A | N/A | ASP-3693 | 1980 | REPLCEMNT | NO |
| FLG. NUTS | CARDINAL | N/A | N/A | ASP-11630 | 1989 | REPLCMNT | 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.



AMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED INLET/OUTLET BOLTING ON VALVE 1-SV-2B-1.
Applicable Manufacturer's Data Reports to be attached

BOLTING STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV1050CN

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

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-12-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. M. M. M. Commissions MICH 0055, ENDN&E
Inspector's Signature National Board, State, Province, Endorsements

Date 4-6 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/24/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A015330, 1-SV-2B-1, SAFETY VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name
Same as #2 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 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
1-SV-2B-1 | | | | | | | |
| DISC | DRESSER IND. | N/A | N/A | ASP-11485 | 1989 | REPLCEMNT | NO |
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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.

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FORM NIS-2 (Back)

9. Remarks UNIT 1, REPLACED DISC IN VALVE 1-SV-2B-1.
Applicable Manufacturer's Data Reports to be attached

SEE ATTACHED CODE DATA REPORT.

Ref. JO # A015330 File:ME-VAL-1-SV-2B-1 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-15-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Mutuspaugh Commissions Mich 0055, END N.E.T.
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-15 19 93

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 12/20/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A015326, 1-SV-3-2, SAFETY VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983,
Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manuf. Serial No. | Nat. Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-SV-3-2 | DRESSER IND. | BN-6321 | N/A | N/A | 1971 | REPAIRED | YES |
| | | | | | | | |
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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.

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FORM NIS-2 (Back)

9. Remarks UNIT 1, REPAIRED VALVE 1-SV-3-2 BY LAPPING SEAT.
Applicable Manufacturer's Data Reports to be attached

SEE ATTACHED CODE DATA REPORT.

Ref. JO # A015326 File:ME-VAL-1-SV-3-2

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

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

MR. Mutersbaugh Commissions MIL 0055, END N&I
 Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-15 19 93



INDUSTRIAL VALVES

DRESSER

FORM NVR-1 REPORT OF REPAIR ☒, MODIFICATION ☐, OR REPLACEMENT ☐ OF NUCLEAR PRESSURE RELIEF DEVICE

- Dresser Industries, Inc., Dresser Valve & Controls Div., Industrial Valve Operations,
Intersection U. S. Hwy. 167 & LA 3225 North, Alexandria, LA (Name of Repair Organization)
1. Work performed by Indiana Michigan Electric Co.
(Name)
2. Owner D. C. Cook Nuclear, One Cook Place, Bridgman, MI 49106
(Address)
3. Name, address and identification of nuclear power plant
D. C. Cook Nuclear, One Cook Place Bridgman, MI 49106
4. a. Identification of repaired pressure relief device: Safety Valve
b. Name of manufacturer: Dresser I. V. O.
c. Identifying nos. 37078A BN-6321 N/A Steam 6 1971
(type) (mfr's. serial no.) (Nat'l Bd. no.) (service) (size) (year built)
5. Applicable edition of ASME Code Section XI under which repairs, modifications or replacements were made: (edition) 1963
(addenda) Summer 1964 (code case) N/A
6. Applicable edition of ASME Code Section III to which repairs modifications or replacements were made: (edition) 1968
(addenda) Summer 1969 (code case) N/A
7. Design responsibilities: See 1, Above
8. Opening pressure: 1065 PSIG Blowdown (if applicable): 3-9% Set pressure and blowdown adjustments made at
(location) Wyl Laboratories, Huntsville, Alabama using (test media) Steam
9. Description of work: (include name and identifying no. of replacement parts) Disassembled, inspected, modified, reassembled and tested.

Replaced cotter pins P/N 0089461

10. Remarks:

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and the repair, modification or replacement of the pressure relief device described above conforms to Section XI and Section III of the ASME Code and the National Board rules as defined in the publications NB-65 and NB-102, current editions.

Certificate of Authorization no. 124 to use the "VR" stamp expires 3/30 19 93.
Certificate of Authorization no. 45 to use the "NR" stamp expires 7/30 19 93.

Date 12-19 1992 Signed Same as 1 above
(repair organization)

(authorized representative)

Principal PA Engr

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors, and certificate of competency issued by the state or province of TN and employed by The Hartford Steam Boiler Inspection and Insurance Co. of Hartford, CT have inspected the repair, modification or replacement described in this report on 12-19-92 and state that to the best of my knowledge and belief, this repair, modification or replacement has been made or constructed in accordance with Section XI and Section III of the ASME Code and the National Board rules as defined in the publications NB-65 and NB-102, current editions. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair, modification or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 12-17 1992 E. J. Paulk
(Authorized Inspector)

Commissions NB 6714 TN 6-5-5
(Nat'l Bd No. (including endorsements) state or province & no.)

Attachment #1

Pg 1 of 5011 68



Industrial Valve Operation

Dresser Industries, Inc.

P.O. Box 1430 • Alexandria, Louisiana 71309-1430

QUALITY SYSTEMS DEPARTMENT

PHONE: 318/640-6112

FAX: 318/640-6325

CERTIFICATE OF COMPLIANCE/CONFORMANCE

Indiana Michigan Electric Co.
D. C. Cook Nuclear
One Cook Place
Bridgman MI 49106

Subject: Your Order No. 08720-040-0
Dresser Order No. 01-20708-0

Gentlemen:

We hereby certify that the following listed valve was disassembled, inspected, cleaned, assembled, and tested meeting all requirements of the above purchase order.

We further certify that the work was performed at Wyle Laboratories in Huntsville, Alabama, in accordance with Dresser's Quality Assurance Manual for the Repair, Modification, and Replacement of ASME Code Section III Pressure Relief and Line Valves, Revision 3, dated 02/26/90, VR Certificate of Authorization Numbers 70, 95, 97 thru 118, and 120 thru 124, expiration date 03/30/93; and NR certificate of Authorization Numbers 45 and 47 thru 61, expiration date 03/30/93, and the work was performed in accordance with ASME Code Section XI, 1983 Edition, 1984 Summer Addenda, Class 2 Pressure Relief Valves.

Item No. 1 (1) 6" 3707RA
Serial No. BN-6321
Set @ 1085 PSIG

The following parts replaced were provided by Dresser Industries.

Item No. 1 (3) Cotter Pins P/N 0089461

Note: The remaining replacement parts were provided by Indiana Michigan.

Very truly yours,

John P. Watz
Principal Quality Assurance Engineer

BY: 
Billy E. Harris
Documentation Specialist

12/19/20
Date

BEH:mm

Attachment # 2

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pg 2 of 50

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 08/17/91
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A030566, 1-SV-3-2, SAFETY VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System MAIN STEAM
5. (a) Applicable Const. Code ANSI B31.1 1983 Ed., N/A Add. N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983, Summer 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manuf. Serial No. | Nat. Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE
1-SV-3-2 | | | | | | | |
| NUTS | CARDINAL | N/A | N/A | ASP-10827 | 1988 | REPLCEMNT | NO |
| | | | | | | | |
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7. Description of Work (See Remarks)

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

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



FORM NIS-2 (Back)

Remarks UNIT 1, REPLACED NUTS ON OUTLET FLANGE OF 1-SV-3-2
Applicable Manufacturer's Data Reports to be attached

NUTS PURCHASED PER SPECIFICATION DCCCE149OCN AND

P.O.08115-041-8X.

Ref. JO # A030566 File:ME-VAL-1-SV-3-2

ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-15-93 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.

F.R. Pisarsky Commissions Mich 0055, ENDRNI
Inspector's Signature National Board, State, Province, Endorsements

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 4-15 19 93

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| 1. Owner <u>INDIANA MICHIGAN POWER COMPANY</u> | Date <u>11/30/90</u> |
| Name _____ | |
| <u>P.O. Box 60 Fort Wayne, IN 46801</u> | Sheet <u>1</u> of <u>2</u> |
| Address _____ | |
| 2. Plant <u>D.C. COOK NUCLEAR POWER PLANT</u> | Unit <u>1</u> |
| Name _____ | |
| <u>One Cook Place, Bridgman, MI 49106</u> | <u>A04321, 1-SV-45A, SAFETY VALVE</u> |
| Address _____ | Repair Org. P.O. No., Job No., etc _____ |
| 3. Work Performed by <u>COX, SERVERSON</u> | Type Code Symbol Stamp <u>N/A</u> |
| Name _____ | Authorization No. <u>N/A</u> |
| <u>Same as #2</u> | Expiration Date <u>N/A</u> |
| Address _____ | |
| 4. Identification of System <u>REACTOR COOLANT</u> | |
| 5. (a) Applicable Const. Code <u>ANSI B31.1 1967 Ed.,</u> | <u>N/A</u> Add. <u>N/A</u> Code Case _____ |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1983,</u> | |
| <u>Summer 1983 Addenda</u> | |

| Name of Component | Name of Manufacturer | Manuf. Serial No. | Nat. Board No. | Other Identification | Year Built | Repaired Replaced or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------|----------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE 1-SV-45A | CROSBY | RV-2-8010C | N/A | N/A | 1971 | REPLACED | YES |
| VALVE | CROSBY | RV-1-8010B | N/A | ASP-13011 | 1990 | REPLCEMNT | YES |
| FLNG. BOLT | NOVA MACHINE | N/A | N/A | ASP-12239 | 1990 | REPLCEMNT | NO |
| FLNG. NUTS | NOVA MACHINE | N/A | N/A | ASP-13001 | 1990 | REPLCEMNT | NO |
| | | | | | | | |

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|-----|-------|--------------------|---------------------|
| N/A | Other | Pressure _____ psi | Test Temp. _____ °F |
|-----|-------|--------------------|---------------------|

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

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AMMEDED
FORM NIS-2 (Back)

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

1-SV-45A.

Ref. JO # A04321 File: ME-VAL-1-SV-45A ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-19-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 4-6 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 11/30/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A04322, 1-SV-45B, SAFETY VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by COX, SEVERSON Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System REACTOR COOLANT
5. (a) Applicable Const. Code 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
1-SV-45B | CROSBY | N56499-01-0007 | N/A | N/A | 1984 | REPLACED | YES |
| VALVE | CROSBY | N56499-00-0002 | N/A | ASP-11571 | 1974 | REPLCEMNT | YES |
| FLNG. BOLT | NOVA MACHINE | N/A | N/A | ASP-12239 | 1990 | REPLCEMNT | NO |
| FLNG. NUTS | NOVA MACHINE | N/A | N/A | ASP-13001 | 1990 | REPLCEMNT | 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.



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10. *Chlorophyll *a** and *Chlorophyll *b** were determined by the method of Arar and Collins (1971).

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AMENDED
FORM NIS-2 (Back)

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

1-SV-45B.

Ref. JO # A04322 File:ME-VAL-1-SV-45B ISI Class: 1

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed F.R. Pisarsky, Maint. Eng. Supervisor Date 315, 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 5-17-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date May 17 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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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 Date 12/16/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A52147, 1-SV-45C, SAFETY VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by COX Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System 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
1-SV-45C | CROSBY | RV-2-8010A | N/A | N/A | N/A | REPLACED | YES |
| VALVE | CROSBY | N56499-00-0003 | N/A | ASP-11564 | 1974 | REPLCEMNT | YES |
| INLT. FLNG | N/A | N/A | N/A | N/A | 1990 | REPAIRED | NO |
| STUDS | CARDINAL | N/A | N/A | ASP-12881 | 1990 | REPLCEMNT | NO |
| NUTS | CARDINAL,
NOVA | N/A
N/A | N/A
N/A | ASP-9828
ASP-13001 | 1987
1990 | REPLCMNT
REPLCMNT | NO
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.

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AMMENDED
FORM NIS-2 (Back)

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

DAMAGED FLANGE SURFACE FOR 1-SV-45C.

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

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this 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 V.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 12/4/90 to 1/14/91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M.R. Minterbaugh
Inspector's Signature

Commissions Mich 0055, ENR N/I
National Board, State, Province, Endorsements

Date. 4-6 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/09/90
Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
Name
One Cook Place, Bridgman, MI 49106 A018682, 1-SV-51, SAFETY VALVE
Address Repair Org. P.O. No., Job No., etc
3. Work Performed by MAINTENANCE DEPT. Type Code Symbol Stamp N/A
Name Authorization No. N/A
Same as #2 Expiration Date N/A
Address
4. Identification of System CHEMICAL VOLUME 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 or Replacement | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------|----------------|----------------------|------------|-------------------------|-------------------------------|
| VALVE 1-SV-51 | | | | | | | |
| DISC | CROSBY | N/A | N/A | ASP-12373 | 1990 | REPLCEMNT | NO |
| NOZZLE | CROSBY | N/A | N/A | ASP-12960 | 1990 | REPLCEMNT | 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.



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FORM NIS-2 (Back)

9. Remarks UNIT 1, REPLACED DISC AND NOZZLE IN VALVE 1-SV-51.
Applicable Manufacturer's Data Reports to be attached

DISC DEDICATED PER DEDICATION PLAN DCCPV12DP014, REV.1.

NOZZLE DEDICATED PER DEDICATION PLAN DCCPV12DP014, REV.3.

Ref. JO # A018682 File:ME-VAL-1-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 5-14, 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 5-17-93 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. [Signature] Commissions MICH 0055, END. N.E.T.
 Inspector's Signature National Board, State, Province, Endorsements

Date 5-17 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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

1. Owner INDIANA MICHIGAN POWER COMPANY Date 11/30/90
 Name
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1
 Name
One Cook Place, Bridgman, MI 49106 A03790, 1-SV-52, SAFETY VALVE
 Address Repair Org. P.O. No., Job No., etc
3. Work Performed by BOGGS Type Code Symbol Stamp N/A
 Name Authorization No. N/A
Same as #2 Expiration Date N/A
 Address
4. Identification of System CHEMICAL VOLUME 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
1-SV-52 | | | | | | | |
| FLNG. STUD | CARDINAL | N/A | N/A | ASP-11944 | 1989 | REPLCEMNT | NO |
| FLNG. 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 ☒ Other ☐ Pressure _____ psi Test Temp. _____ °F

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

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AMMENDED
FORM NIS-2 (Back)

9. Remarks Unit 1, REPLACED FLANGE BOLTING ON VALVE 1-SV-52.
Applicable Manufacturer's Data Reports to be attached

STUDS AND NUTS PURCHASED PER SPECIFICATION DCCPV105QCN.

Ref. JO # A03790 File:ME-VAL-1-SV-52 ISI Class: 2

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed 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 4-16-91 to , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Matras Commissions MICHUOSS, ENR N&E
Inspector's Signature National Board, State, Province, Endorsements

Date 4-6 19 93

*FACTORY MUTUAL ENGINEERING ASSOCIATION

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DATE: 10/19/93
REVISION: 0

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

PAGE: 1

REACTOR PRESSURE VESSEL AND CLOSURE HEAD

| SUMMARY EXAMINATION AREA | | ASME
SEC. XI
CATGY NDE | | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | INSTRUCTIONS |
|--------------------------|----------------|------------------------------|------|-----------|---|--------------|
| NUMBER | IDENTIFICATION | ITEM NO | METH | PROCEDURE | | |

CLOSURE HEAD MERIDIONAL WELDS (FIG NO A-2)

| | | | | | | |
|--------|---------------------------------------|--------------|----|-----|---------------------------|--|
| 001700 | 1-M-04
MERIDIONAL WELD AT 180 DEG. | B-A
B1.22 | UT | --- | RV-2
I - -
U. CONT. | ADDED EXAMINATION AREA FOR
ADDITIONAL COVERAGE DUE TO
LIMITATIONS ON MERIDIONAL WELD
#1-M-01. |
|--------|---------------------------------------|--------------|----|-----|---------------------------|--|

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

| | | | | | | |
|--------|--------------------------|--------------|----------|-----|---------------------------|--|
| 002700 | 1-C-01
HEAD TO FLANGE | B-A
B1.40 | HT
UT | --- | RV-2
I - -
U. CONT. | EXAMINE 33% EACH DESIGNATED
OUTAGE. |
|--------|--------------------------|--------------|----------|-----|---------------------------|--|

CLOSURE STUDS

| | | | | | | |
|--------|-------------------------|----------------|----------|-----|---|---|
| 005900 | 1-RPV-STUD 1 THROUGH 54 | B-G-1
B6.30 | HT
UT | --- | 3378037 (UNIT-1 RPV STUD)
- -
650' AUX. | EXAMINE 33% (18 STUDS) EACH
DESIGNATED OUTAGE. |
|--------|-------------------------|----------------|----------|-----|---|---|

CLOSURE NUTS

| | | | | | | |
|--------|------------------------|----------------|----|-----|------------------|--|
| 006000 | 1-RPV-NUT 1 THROUGH 54 | B-G-1
B6.10 | HT | --- | - -
650' AUX. | EXAMINE 33% (18) NUTS EACH
DESIGNATED OUTAGE. |
|--------|------------------------|----------------|----|-----|------------------|--|

CLOSURE WASHERS

| | | | | | | |
|--------|---------------------------|----------------|------------|-----|------------------|--|
| 006200 | 1-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. |
|--------|---------------------------|----------------|------------|-----|------------------|--|

RPV FLANGE THREADS

| | | | | | | |
|--------|--------------------------------------|----------------|----|-----|--|---|
| 006300 | 1-RPV-FLANGE THREADS
1 THROUGH 54 | B-G-1
B6.40 | UT | --- | 3378037 (UNIT-1 RPV STUD)
- -
U. CONT. | EXAMINE 33% (18) OF THE FLANGE
THREADS DURING EACH DESIGNATED
OUTAGE. |
|--------|--------------------------------------|----------------|----|-----|--|---|

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DATE: 10/19/93
REVISION: 0

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

PAGE: 2

PRESSURIZER

| SUMMARY EXAMINATION AREA | | ASME | | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | INSTRUCTIONS |
|--------------------------|----------------|---------|------|-----------|---|--------------|
| NUMBER | IDENTIFICATION | CATGY | NDE | PROCEDURE | | |
| ----- | ----- | ITEM NO | METH | ----- | ----- | ----- |

NOZZLE INSIDE RADIUS SECTIONS (FIG NO A-4)

| | | | | | |
|--------|--------------------------------|-----|----|-----|--------------------------------------|
| 009900 | 4"-1-RC-10-IRS
SPRAY NOZZLE | B-D | UT | --- | IR-CSCL-24-DCC
B - -
PRESS. DH |
|--------|--------------------------------|-----|----|-----|--------------------------------------|

| | | | | | |
|--------|--------------------------------|-----|----|-----|------------------------------------|
| 010500 | 14"-1-RC-5-IRS
SURGE NOZZLE | B-D | UT | --- | IR-CS-33-DCC
B - -
CONT. PRT |
|--------|--------------------------------|-----|----|-----|------------------------------------|

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

| | | | | | | |
|--------|--------------------------------|-----|----|-----|---|--|
| 011300 | 1-PRZ-24
NOZZLE TO SAFE-END | B-F | PT | --- | 3378027 (4-SS-120-.430)
B - -
PRESS. DH | AUGMENTED UT EXAMINATION
REQUIRED USING 45 DEG.
REFRACTED LONGITUDINAL WAVE
PER NRC I.N. 90-30. |
|--------|--------------------------------|-----|----|-----|---|--|

| | | | | | | |
|--------|--------------------------------|-----|----|-----|--|--|
| 011400 | 1-PRZ-25
NOZZLE TO SAFE-END | B-F | PT | --- | 3378032 (14-SS-160-1.40)
B - -
CONT. PRT | AUGMENTED UT EXAMINATION
REQUIRED USING 45 DEG.
REFRACTED LONGITUDINAL WAVE
PER NRC I.N. 90-30. |
|--------|--------------------------------|-----|----|-----|--|--|

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1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is essential for the proper management of the organization's finances and for ensuring that all activities are properly documented.

2. The second part of the document outlines the procedures for recording transactions. It details the steps that must be followed to ensure that all information is captured accurately and that the records are kept up-to-date.

3. The third part of the document describes the various methods used to collect and analyze data. It explains how this information is used to identify trends, assess performance, and make informed decisions about the future of the organization.

4. The fourth part of the document discusses the role of the management team in overseeing the financial and operational aspects of the organization. It highlights the importance of clear communication and collaboration between all levels of the organization.

5. The fifth part of the document provides a summary of the key findings and recommendations. It offers insights into the current state of the organization and suggests ways to improve efficiency and effectiveness.

6. The sixth part of the document contains a list of references and sources used in the research. It provides a comprehensive overview of the literature and data that informed the analysis.

7. The seventh part of the document is a conclusion that summarizes the main points of the report. It reiterates the importance of accurate record-keeping and the need for ongoing monitoring and evaluation.

8. The eighth part of the document is an appendix that contains additional information and data. It provides a detailed look at the raw data and the calculations used to derive the results.

9. The ninth part of the document is a glossary of terms. It defines the key concepts and terminology used throughout the report to ensure clarity and consistency.

10. The tenth part of the document is a list of figures and tables. It provides a visual representation of the data and results, making it easier to understand the findings.

DATE: 10/19/93
REVISION: 0

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

PAGE: 3

STEAM GENERATOR NO. 13

| SUMMARY EXAMINATION AREA | | ASME | | PROCEDURE | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | INSTRUCTIONS |
|---|-----------------------------|---------|------|-----------|---|--------------|
| NUMBER | IDENTIFICATION | CATGY | NDE | | | |
| | | ITEM NO | METH | | | |
| <u>NOZZLE INSIDE RADIUS SECTIONS (FIG NO A-5)</u> | | | | | | |
| 014100 | STM-13-I-IRS | B-D | UT | --- | IR-CSCL-24-DCC | |
| | INLET NOZZLE INSIDE RADIUS | B3.140 | | | B - - | |
| | SECTION | | | | CONT. L3 | |
| 014200 | STM-13-O-IRS | B-D | UT | --- | IR-CSCL-24-DCC | |
| | OUTLET NOZZLE INSIDE RADIUS | B3.140 | | | B - - | |
| | SECTION | | | | CONT. L3 | |
| <u>NOZZLE TO ELBOW AND ELBOW TO NOZZLE WELDS (FIG NO A-5)</u> | | | | | | |
| 014300 | STM-13-02 | B-F | PT | --- | 3378033 (MAIN RPV COOLANT) | |
| | INLET NOZZLE TO ELBOW | B5.70 | UT | --- | B - - | |
| | | | | | CONT. L3 | |
| 014350 | STM-13-03 | B-F | PT | --- | 3378033 (MAIN RPV COOLANT) | |
| | OUTLET NOZZLE TO ELBOW | B5.70 | UT | --- | B - - | |
| | | | | | CONT. L3 | |

DATE: 10/19/93

REVISION: 0

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

PAGE: 4

STEAM GENERATOR NO. 14

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/ | | INSTRUCTIONS |
|--------------------------|----------------|---------|------|-----------------------|----------|--------------|
| NUMBER | IDENTIFICATION | CATGY | NDE | SIZE-SCHEDULE-ACCESS/ | LOCATION | |
| | | ITEM NO | METH | PROCEDURE | | |

NOZZLE INSIDE RADIUS SECTIONS (FIG NO A-5)

| | | | | | | |
|--------|-----------------------------|--------|----|-----|----------------|--|
| 015000 | STM-14-I-IRS | B-D | UT | --- | IR-CSCL-24-DCC | |
| | INLET NOZZLE INSIDE RADIUS | B3.140 | | | B - - | |
| | SECTION | | | | CONT. L4 | |
| 015100 | STM-14-O-IRS | B-D | UT | --- | IR-CSCL-24-DCC | |
| | OUTLET NOZZLE INSIDE RADIUS | B3.140 | | | B - - | |
| | SECTION | | | | CONT. L4 | |

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DATE: 10/19/93
REVISION: 0

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

PAGE: 5

REACTOR COOLANT SYSTEM

| SUMMARY
NUMBER | EXAMINATION AREA
IDENTIFICATION | ASME
SEC. XI
CATGY NDE | | PROCEDURE | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | | INSTRUCTIONS |
|-----------------------------------|---|------------------------------|-----------|------------|---|---|---|--------------|
| | | ITEM NO | METH | | | | | |
| <u>LINE 1-RC-2 (FIG NO A-7A)</u> | | | | | | | | |
| 023800 | 1-RC-2-24N
3-IN. NOZZLE (BRANCH
CONNECTION) | B-J
B9.32 | PT
--- | --- | B | - | - | CONT. L2 |
| 024200 | 1-RC-2-12FLU-I
LONGITUDINAL SEAM | B-J
B9.12 | PT
UT | ---
--- | 37-CCSS-X-3.0-9-DCC
B | - | - | CONT. L2 |
| 024300 | 1-RC-2-12FLU-O
LONGITUDINAL SEAM | B-J
B9.12 | PT
UT | ---
--- | 37-CCSS-X-3.0-9-DCC
B | - | - | CONT. L2 |
| <u>LINE 1-RC-3 (FIG NO A-8B)</u> | | | | | | | | |
| 027200 | 1-RC-3-20F
PUMP TO PIPE | B-J
B9.11 | PT
UT | ---
--- | 37-CCSS-X-3.0-9-DCC
B | - | - | CONT. L3 |
| <u>LINE 1-RC-4 (FIG NO A-9B)</u> | | | | | | | | |
| 030500 | 1-RC-4-60N
1-1/2-IN. NOZZLE (BRANCH
CONNECTION) | B-J
B9.32 | PT
--- | --- | B | - | - | CONT. L4 |
| 030600 | 1-RC-4-27S
PIPE TO PIPE | B-J
B9.11 | PT
UT | ---
--- | 37-CCSS-X-3.0-9-DCC
B | - | - | CONT. L4 |
| <u>LINE 1-RC-6 (FIG NO A-11A)</u> | | | | | | | | |
| 032400 | 1-RC-6-12S-A
BRANCH CONNECTION TO PIPE | B-J
B9.21 | PT
--- | --- | B | - | - | PRESS. DH |

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

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REACTOR COOLANT SYSTEM

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/ | | INSTRUCTIONS |
|-----------------------------------|------------------------------|---------|------|---|-----------|--|
| NUMBER | IDENTIFICATION | CATGY | NDE | ITEM NO | PROCEDURE | |
| | | ITEM NO | METH | | | LOCATION |
| <u>LINE 1-RC-6 (FIG NO A-11A)</u> | | | | | | |
| 033600 | 1-RC-6-22F
TEE TO PIPE | B-J | PT | --- | | B - -
PRESS. DH |
| | | B9.21 | | | | |
| <u>LINE 1-RC-6 (FIG NO A-11B)</u> | | | | | | |
| 034800 | 1-RC-6-34F
VALVE TO PIPE | B-J | PT | --- | | B - -
PRESS. DH |
| | | B9.21 | | | | |
| <u>LINE 1-RC-7 (FIG NO A-12)</u> | | | | | | |
| 035300 | 1-RC-7-03S
PIPE TO ELBOW | B-J | PT | --- | | 3378028 (6-SS-160-.71)
B - -
PRESS. DH |
| | | B9.11 | UT | --- | | |
| 035800 | 1-RC-7-09S
PIPE TO FLANGE | B-J | PT | --- | | 3378028 (6-SS-160-.71)
B - -
PRESS. DH |
| | | B9.11 | UT | --- | | |
| <u>LINE 1-RC-8 (FIG NO A-13)</u> | | | | | | |
| 036100 | 1-RC-8-02S
ELBOW TO PIPE | B-J | PT | --- | | 3378028 (6-SS-160-.71)
B - -
PRESS. DH |
| | | B9.11 | UT | --- | | |
| 036400 | 1-RC-8-05S
PIPE TO ELBOW | B-J | PT | --- | | 3378028 (6-SS-160-.71)
B - -
PRESS. DH |
| | | B9.11 | UT | --- | | |
| <u>LINE 1-RC-9 (FIG NO A-14)</u> | | | | | | |
| 037500 | 1-RC-9-08S
ELBOW TO PIPE | B-J | PT | --- | | 3378028 (6-SS-160-.71)
B - -
PRESS. DH |
| | | B9.11 | UT | --- | | |

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

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REACTOR COOLANT SYSTEM

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | INSTRUCTIONS |
|-----------------------------------|------------------------------|--------------|----------|---|---|---|
| NUMBER | IDENTIFICATION | CATGY | NDE | ITEM NO | METH. PROCEDURE | |
| ----- | | | | | | |
| <u>LINE 1-RC-10 (FIG NO A-15)</u> | | | | | | |
| 038400 | 1-RC-10-07S
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. |
| 038500 | 1-RC-10-08F
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. |
| 038600 | 1-RC-10-09F
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. |
| 038700 | 1-RC-10-10S
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. |
| 038800 | 1-RC-10-11S
ELBOW TO PIPE | B-J
B9.11 | PT
UT | --- | 3378027 (4-SS-120-.430)
B - -
CONT. PRT | |
| 042400 | 1-RC-10-35S
ELBOW TO PIPE | B-J
B9.11 | PT
UT | --- | 3378027 (4-SS-120-.430)
B - -
PRESS. DH | |

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

| | | | | | | |
|--------|-------------------------------|--------------|----------|-----|---|--|
| 044000 | 1-RC-11-14F
ELBOW TO VALVE | B-J
B9.11 | PT
UT | --- | 3378027 (4-SS-120-.430)
B - -
CONT. PRT | |
|--------|-------------------------------|--------------|----------|-----|---|--|

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

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REACTOR COOLANT SYSTEM

| SUMMARY
NUMBER | EXAMINATION AREA
IDENTIFICATION | ASME
SEC. XI
CATGY NDE | | PROCEDURE | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | INSTRUCTIONS |
|------------------------------------|------------------------------------|------------------------------|----------|------------|---|--|--------------|
| | | ITEM NO | METH | | | | |
| <u>LINE 1-RC-11 (FIG NO A-16)</u> | | | | | | | |
| 044900 | 1-RC-11-23S
ELBOW TO PIPE | B-J
B9.11 | PT
UT | ---
--- | 3378027 (4-SS-120-.430)
B - -
CONT. PRT | | |
| <u>LINE 1-RC-12 (FIG NO A-17)</u> | | | | | | | |
| 046000 | 1-RC-12-15S
PIPE TO ELBOW | B-J
B9.11 | PT
UT | ---
--- | 3378027 (4-SS-120-.430)
B - -
CONT. PRT | | |
| <u>LINE 1-RC-14 (FIG NO A-19A)</u> | | | | | | | |
| 051500 | 1-RC-14-13S
PIPE TO FLANGE | B-J
B9.21 | PT | ---
--- | B - -
CONT. L2 | | |
| 051550 | 1-RC-14-13S-FB
FLANGE BOLTING | B-G-2
B7.50 | VT-1 | ---
--- | B - -
CONT. L2 | | |
| 051600 | 1-RC-14-16S
FLANGE TO PIPE | B-J
B9.21 | PT | ---
--- | B - -
CONT. L2 | | |
| 051900 | 1-RC-14-17S
PIPE TO ELBOW | B-J
B9.21 | PT | ---
--- | B - -
CONT. L2 | | |
| 052000 | 1-RC-14-18S
ELBOW TO PIPE | B-J
B9.21 | PT | ---
--- | B - -
CONT. L2 | | |

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

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REACTOR COOLANT SYSTEM

| SUMMARY
NUMBER | EXAMINATION AREA
IDENTIFICATION | ASME
SEC. XI | | PROCEDURE | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | | INSTRUCTIONS |
|------------------------------------|------------------------------------|-----------------|---------------------|-----------|---|---|---|--------------|
| | | CATGY | NDE
ITEM NO METH | | | | | |
| <u>LINE 1-RC-15 (FIG NO A-20)</u> | | | | | | | | |
| 053300 | 1-RC-15-01S-A
PIPE TO PIPE | B-J | PT
B9.21 | --- | B | - | - | CONT. L3 |
| 053400 | 1-RC-15-02S
PIPE TO ELBOW | B-J | PT
B9.21 | --- | B | - | - | CONT. L3 |
| 053500 | 1-RC-15-03S
ELBOW TO PIPE | B-J | PT
B9.21 | --- | B | - | - | CONT. L3 |
| 053900 | 1-RC-15-05F
PIPE TO VALVE | B-J | PT
B9.21 | --- | B | - | - | CONT. L3 |
| 054000 | 1-RC-15-06F
VALVE TO PIPE | B-J | PT
B9.21 | --- | B | - | - | CONT. L3 |
| 054750 | 1-RC-15-13S-FB
FLANGE BOLTING | B-G-2 | VT-1
B7.50 | --- | B | - | - | CONT. L3 |
| <u>LINE 1-RC-501 (FIG NO A-22)</u> | | | | | | | | |
| 060800 | 1-RC-501-12F
PIPE TO TEE | B-J | PT
B9.40 | --- | B | - | - | CONT. PRT |
| <u>LINE 1-RC-506 (FIG NO A-25)</u> | | | | | | | | |
| 068900 | 1-RC-506-16S
PIPE TO TEE | B-J | PT
B9.40 | --- | B | - | - | CONT. L2 |

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

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REACTOR COOLANT SYSTEM

| SUMMARY
NUMBER | EXAMINATION AREA
IDENTIFICATION | ASME
SEC. XI | | PROCEDURE | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | INSTRUCTIONS |
|------------------------------------|------------------------------------|-----------------|---------------------|-----------|---|---------------|--------------|
| | | CATGY | NDE
ITEM NO METH | | | | |
| <u>LINE 1-RC-506 (FIG NO A-25)</u> | | | | | | | |
| 069000 | 1-RC-506-17S
TEE TO REDUCER | B-J | PT
B9.40 | --- | B | -
CONT. L2 | - |
| 069100 | 1-RC-506-18S
TEE TO PIPE | B-J | PT
B9.40 | --- | B | -
CONT. L2 | - |
| 069200 | 1-RC-506-19S
PIPE TO MANIFOLD | B-J | PT
B9.40 | --- | B | -
CONT. L2 | - |
| 069300 | 1-RC-506-20S
MANIFOLD TO PIPE | B-J | PT
B9.40 | --- | B | -
CONT. L2 | - |
| 069400 | 1-RC-506-21S
PIPE TO ELBOW | B-J | PT
B9.40 | --- | B | -
CONT. L2 | - |
| 069500 | 1-RC-506-22S
ELBOW TO PIPE | B-J | PT
B9.40 | --- | B | -
CONT. L2 | - |
| <u>LINE 1-RC-507 (FIG NO A-26)</u> | | | | | | | |
| 071800 | 1-RC-507-06S
CROSS TO PIPE | B-J | PT
B9.40 | --- | B | -
CONT. L2 | - |
| 071900 | 1-RC-507-07S
PIPE TO ELBOW | B-J | PT
B9.40 | --- | B | -
CONT. L2 | - |

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INSERVICE INSPECTION SCHEDULE
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REACTOR COOLANT SYSTEM

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | INSTRUCTIONS |
|------------------------------------|-----------------------------------|-----------|------|---|------|-------------------|
| NUMBER | IDENTIFICATION | CATGY | NDE | ITEM NO | METH | |
| | | PROCEDURE | | | | |
| ----- | | | | | | |
| <u>LINE 1-RC-507 (FIG NO A-26)</u> | | | | | | |
| 072000 | 1-RC-507-08F
ELBOW TO PIPE | B-J | PT | --- | | |
| | | B9.40 | | | | B - -
CONT. L2 |
| 072100 | 1-RC-507-09S
PIPE TO VALVE | B-J | PT | --- | | |
| | | B9.40 | | | | B - -
CONT. L2 |
| 072200 | 1-RC-507-10S
VALVE TO PIPE | B-J | PT | --- | | |
| | | B9.40 | | | | B - -
CONT. L2 |
| 073450 | 1-RC-507-21S-FB
FLANGE BOLTING | B-G-2 | VT-1 | --- | | |
| | | B7.50 | | | | B - -
CONT. L2 |
| <u>LINE 1-RC-508 (FIG NO A-27)</u> | | | | | | |
| 076400 | 1-RC-508-17S
PIPE TO ELBOW | B-J | PT | --- | | |
| | | B9.40 | | | | B - -
CONT. L3 |

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

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BEACTOR COOLANT SYSTEM

| SUMMARY EXAMINATION AREA | | ASME | | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/ | |
|--------------------------|----------------|-------|-----|-----------|---|--------------|
| NUMBER | IDENTIFICATION | CATGY | NDE | PROCEDURE | LOCATION | INSTRUCTIONS |
| ITEM NO | METH | | | | | |

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

| | | | | | | |
|--------|---------------|-------|----|-----|----------|--|
| 076500 | 1-RC-508-18S | B-J | PT | --- | | |
| | ELBOW TO PIPE | B9.40 | | | B, - - | |
| | | | | | CONT. L3 | |

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

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REACTOR COOLANT SYSTEM

| SUMMARY EXAMINATION AREA | | ASME | CALIBRATION BLOCK/ | | INSTRUCTIONS |
|------------------------------------|-----------------------------------|--------------------------------------|--------------------|-----------------------------------|--------------|
| NUMBER | IDENTIFICATION | SEC. XI
CATGY NDE
ITEM NO METH | PROCEDURE | SIZE-SCHEDULE-ACCESS/
LOCATION | |
| ----- | | | | | |
| <u>LINE 1-RC-508 (FIG NO A-27)</u> | | | | | |
| 076600 | 1-RC-508-19S
PIPE TO TEE | B-J
B9.40 | PT
--- | B -
CONT. L3 | - |
| 077450 | 1-RC-508-27S-FB
FLANGE BOLTING | B-G-2
B7.50 | VT-1
--- | B -
CONT. L3 | - |
| 077500 | 1-RC-508-28S
TEE TO PIPE | B-J
B9.40 | PT
--- | B -
CONT. L3 | - |
| 077600 | 1-RC-508-29S
PIPE TO MANIFOLD | B-J
B9.40 | PT
--- | B -
CONT. L3 | - |
| <u>LINE 1-RC-509 (FIG NO A-28)</u> | | | | | |
| 080300 | 1-RC-509-23F
PIPE TO TEE | B-J
B9.40 | PT
--- | B -
CONT. L3 | - |
| 080400 | 1-RC-509-24S
TEE TO REDUCER | B-J
B9.40 | PT
--- | B -
CONT. L3 | - |
| 080500 | 1-RC-509-25S
TEE TO PIPE | B-J
B9.40 | PT
--- | B -
CONT. L3 | - |
| 080600 | 1-RC-509-26S
PIPE TO ELBOW | B-J
B9.40 | PT
--- | B -
CONT. L3 | - |

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

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REACTOR COOLANT SYSTEM

| SUMMARY EXAMINATION AREA | | ASHE | | CALIBRATION BLOCK/ | | INSTRUCTIONS | | |
|------------------------------------|-----------------------------------|---------|------|-----------------------|-------------------|--------------|--|--|
| NUMBER | IDENTIFICATION | CATGY | NDE | SIZE-SCHEDULE-ACCESS/ | | | | |
| | | ITEM NO | METH | PROCEDURE | | | | |
| | | | | LOCATION | | | | |
| <u>LINE 1-RC-509 (FIG NO A-28)</u> | | | | | | | | |
| 080700 | 1-RC-509-27S
ELBOW TO PIPE | B-J | PT | --- | B - -
CONT. L3 | | | |
| 080800 | 1-RC-509-28S
PIPE TO FLANGE | B-J | PT | --- | B - -
CONT. L3 | | | |
| 080850 | 1-RC-509-28S-FB
FLANGE BOLTING | B-G-2 | VT-1 | --- | B - -
CONT. L3 | | | |

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COOK NUCLEAR PLANT UNIT 1
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SAFETY INJECTION SYSTEM

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/ | | INSTRUCTIONS |
|-----------------------------------|-----------------|---------|------|-----------------------|------------------------|--------------|
| NUMBER | IDENTIFICATION | CATGY | NDE | SIZE-SCHEDULE-ACCESS/ | LOCATION | |
| | | ITEM NO | METH | PROCEDURE | | |
| <u>LINE 1-SI-21 (FIG NO A-31)</u> | | | | | | |
| 090800 | 1-SI-21-39S | B-J | PT | --- | 3378029 (8-SS-140-.81) | |
| | TEE TO REDUCER | B9.11 | UT | --- | S - - | |
| | | | | | ANNULUS | |
| <u>LINE 1-SI-22 (FIG NO A-32)</u> | | | | | | |
| 091300 | 1-SI-22-03S | B-J | PT | --- | 3378028 (6-SS-160-.71) | |
| | PIPE TO ELBOW | B9.11 | UT | --- | S - - | |
| | | | | | CONT. L2 | |
| <u>LINE 1-SI-23 (FIG NO A-33)</u> | | | | | | |
| 093200 | 1-SI-23-02F | B-J | PT | --- | 3378028 (6-SS-160-.71) | |
| | ELBOW TO ELBOW | B9.11 | UT | --- | S - - | |
| | | | | | ANNULUS | |
| 093700 | 1-SI-23-07S | B-J | PT | --- | 3378028 (6-SS-160-.71) | |
| | ELBOW TO PIPE | B9.11 | UT | --- | S - - | |
| | | | | | CONT. L3 | |
| <u>LINE 1-SI-25 (FIG NO A-34)</u> | | | | | | |
| 096900 | 1-SI-25-34S | B-J | PT | --- | 3378028 (6-SS-160-.71) | |
| | REDUCER TO PIPE | B9.11 | UT | --- | S - - | |
| | | | | | ANNULUS | |
| 097000 | 1-SI-25-35F | B-J | PT | --- | 3378028 (6-SS-160-.71) | |
| | PIPE TO ELBOW | B9.11 | UT | --- | S - - | |
| | | | | | ANNULUS | |
| <u>LINE 1-SI-27 (FIG NO A-36)</u> | | | | | | |
| 099100 | 1-SI-27-06F | B-J | PT | --- | 3378028 (6-SS-160-.71) | |
| | PIPE TO ELBOW | B9.11 | UT | --- | S - - | |
| | | | | | CONT. L4 | |

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SAFETY INJECTION SYSTEM

| SUMMARY
NUMBER | EXAMINATION AREA
IDENTIFICATION | ASME
SEC. XI
CATGY NDE | | PROCEDURE | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | INSTRUCTIONS |
|-----------------------------------|---|------------------------------|----------|------------|---|--------|--|
| | | ITEM NO | METH | | | | |
| <u>LINE 1-SI-29 (FIG NO A-37)</u> | | | | | | | |
| 100900 | 1-SI-29-03S-HL
HANGER LUG | B-K-1
B10.10 | PT
UT | ---
--- | B
ANNULUS | -
- | 100% UT NOT FEASIBLE DUE TO
WELD CONFIGURATION. |
| 101500 | 1-SI-29-09S
PIPE TO ELBOW | B-J
B9.11 | PT
UT | ---
--- | 3378030 (10-SS-140-1.0)
B
CONT. L1 | -
- | |
| 102000 | 1-SI-29-14F
ELBOW TO PIPE | B-J
B9.11 | PT
UT | ---
--- | 3378030 (10-SS-140-1.0)
B
CONT. L1 | -
- | |
| 103000 | 1-SI-29-26F
ELBOW TO BRANCH CONNECTION | B-J
B9.11 | PT
UT | ---
--- | 3378030 (10-SS-140-1.0)
B
CONT. L1 | -
- | |
| <u>LINE 1-SI-31 (FIG NO A-38)</u> | | | | | | | |
| 103400 | 1-SI-31-02S
TEE TO ELBOW | B-J
B9.11 | PT
UT | ---
--- | 3378030 (10-SS-140-1.0)
B
ANNULUS | -
- | |
| 104400 | 1-SI-31-11F
ELBOW TO PIPE | B-J
B9.11 | PT
UT | ---
--- | 3378030 (10-SS-140-1.0)
B
CONT. L2 | -
- | |
| 105100 | 1-SI-31-19S
PIPE TO PIPE | B-J
B9.11 | PT
UT | ---
--- | 3378030 (10-SS-140-1.0)
B
CONT. L2 | -
- | |
| <u>LINE 1-SI-33 (FIG NO A-39)</u> | | | | | | | |
| 107700 | 1-SI-33-14S
PIPE TO ELBOW | B-J
B9.11 | PT
UT | ---
--- | 3378030 (10-SS-140-1.0)
B
CONT. L3 | -
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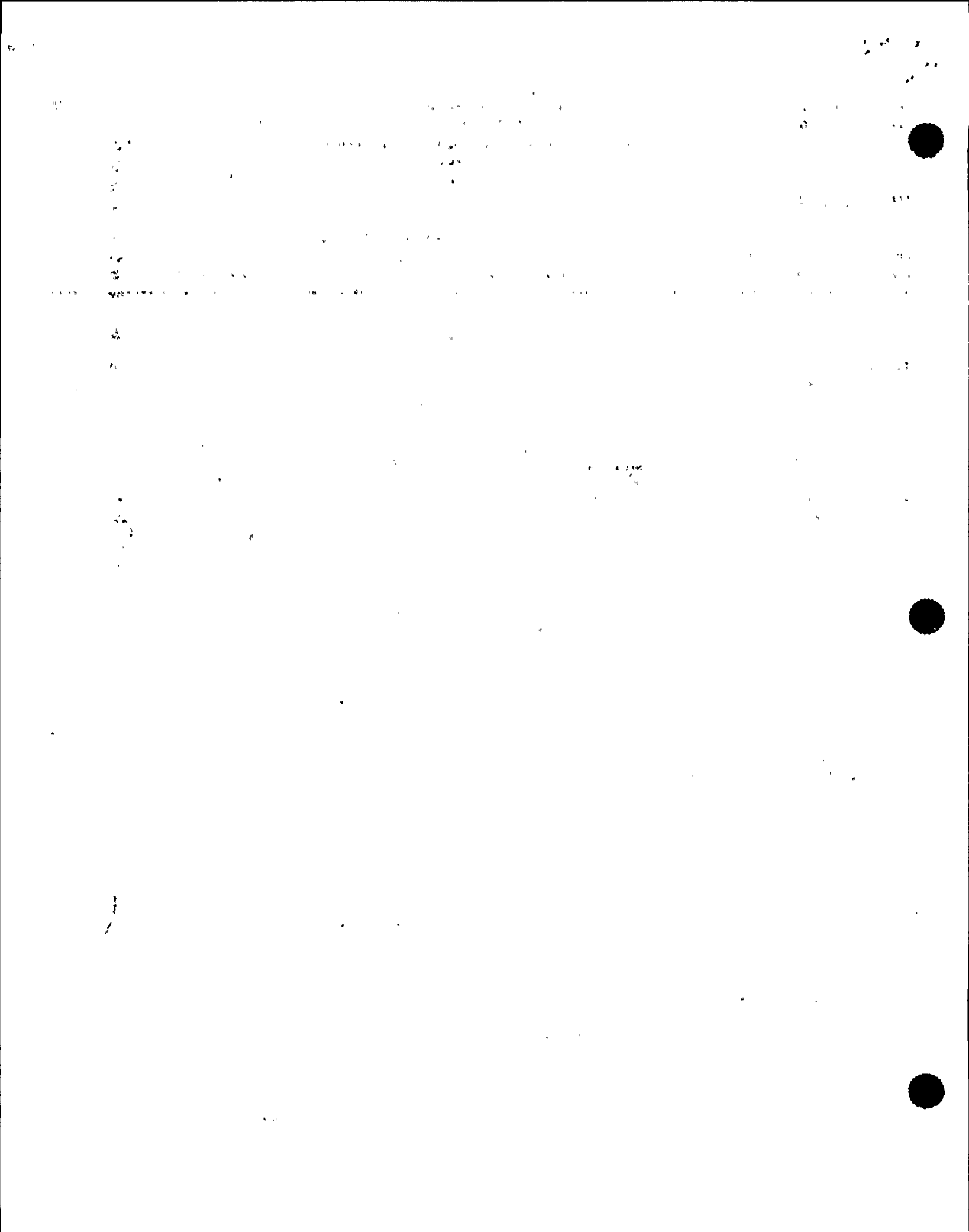
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SAFETY INJECTION SYSTEM

| SUMMARY EXAMINATION AREA | | ASHE | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | INSTRUCTIONS | |
|------------------------------------|------------------|-------|---------------------|---|-------------------------|--------------|--|
| NUMBER | IDENTIFICATION | CATGY | NDE
ITEM NO METH | PROCEDURE | | | |
| <hr/> | | | | | | | |
| <u>LINE 1-SI-33 (FIG NO A-39)</u> | | | | | | | |
| 109000 | 1-SI-33-28S | B-J | PT | --- | 3378030 (10-SS-140-1.0) | | |
| | REDUCER TO ELBOW | B9.11 | UT | --- | B - - | | |
| | | | | | CONT. L3 | | |
| <u>LINE 1-SI-35 (FIG NO A-40)</u> | | | | | | | |
| 110300 | 1-SI-35-08S | B-J | PT | --- | 3378030 (10-SS-140-1.0) | | |
| | PIPE TO ELBOW | B9.11 | UT | --- | B - - | | |
| | | | | | CONT. L4 | | |
| 112000 | 1-SI-35-23S | B-J | PT | --- | 3378030 (10-SS-140-1.0) | | |
| | REDUCER TO TEE | B9.11 | UT | --- | B - - | | |
| | | | | | CONT. L4 | | |
| 112300 | 1-SI-35-26S | B-J | PT | --- | 3378028 (6-SS-160-.71) | | |
| | ELBOW TO PIPE | B9.11 | UT | --- | B - - | | |
| | | | | | CONT. L4 | | |
| <u>LINE 1-SI-545 (FIG NO A-41)</u> | | | | | | | |
| 112800 | 1-SI-545-28S | B-J | PT | --- | - - | | |
| | PIPE TO VALVE | B9.40 | | | ANNULUS | | |
| 113400 | 1-SI-545-34S | B-J | PT | --- | - - | | |
| | PIPE TO ELBOW | B9.40 | | | ANNULUS | | |
| 114400 | 1-SI-545-44S | B-J | PT | --- | B - - | | |
| | PIPE TO ELBOW | B9.40 | | | CONT. L3 | | |



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

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SAFETY INJECTION SYSTEM

| SUMMARY
NUMBER | EXAMINATION AREA
IDENTIFICATION | ASME
SEC. XI
CATGY NDE | | PROCEDURE | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | | INSTRUCTIONS |
|-------------------------------------|------------------------------------|------------------------------|------|-----------|---|---|---|--------------|
| | | ITEM NO | METH | | | | | |
| <u>LINE 1-SI-545 (FIG NO A-41A)</u> | | | | | | | | |
| 115700 | 1-SI-545-57S
VALVE TO PIPE | B-J
B9.40 | PT | --- | B | - | - | CONT. L3 |
| <u>LINE 1-SI-546 (FIG NO A-42)</u> | | | | | | | | |
| 116700 | 1-SI-546-24F
PIPE TO ELBOW | B-J
B9.40 | PT | --- | | - | - | ANNULUS |
| 118400 | 1-SI-546-39S
ELBOW TO PIPE | B-J
B9.40 | PT | --- | B | - | - | CONT. L2 |
| 119400 | 1-SI-546-47S
ELBOW TO PIPE | B-J
B9.40 | PT | --- | B | - | - | CONT. L2 |
| <u>LINE 1-SI-548 (FIG NO A-43A)</u> | | | | | | | | |
| 121200 | 1-SI-548-35F
ELBOW TO PIPE | B-J
B9.40 | PT | --- | S | - | - | ANNULUS |
| 121800 | 1-SI-548-41F
ELBOW TO PIPE | B-J
B9.40 | PT | --- | B | - | - | CONT. L1 |
| <u>LINE 1-SI-549 (FIG NO A-44A)</u> | | | | | | | | |
| 125500 | 1-SI-549-53S-D
PIPE TO ELBOW | B-J
B9.40 | PT | --- | B | - | - | CONT. L4 |

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COOK NUCLEAR PLANT UNIT 1
INSERVICE INSPECTION SCHEDULE
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CLASS 1 COMPONENTS

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SAFETY INJECTION SYSTEM

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | INSTRUCTIONS |
|-------------------------------------|-------------------------------|-------|---------------------|---|-------------------|--------------|
| NUMBER | IDENTIFICATION | CATGY | NDE
ITEM NO METH | PROCEDURE | | |
| <u>LINE 1-SI-549 (FIG NO A-44A)</u> | | | | | | |
| 126200 | 1-SI-549-58S
PIPE TO VALVE | B-J | PT | --- | B - -
CONT. L4 | |
| 126400 | 1-SI-549-60S
PIPE TO ELBOW | B-J | PT | --- | B - -
CONT. L4 | |

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

PAGE: 20

CHEMICAL AND VOLUME CONTROL SYSTEM

| SUMMARY
NUMBER | EXAMINATION AREA
IDENTIFICATION | ASHE
SEC. XI | | PROCEDURE | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | | INSTRUCTIONS |
|------------------------------------|------------------------------------|-----------------|------|-----------|---|---|---|--------------|
| | | CATGY | NDE | | | | | |
| ITEM NO | METH | ITEM NO | METH | | | | | |
| <hr/> | | | | | | | | |
| <u>LINE 1-CS-92 (FIG NO A-45)</u> | | | | | | | | |
| 127100 | 1-CS-92-23F
PIPE TO VALVE | B-J | PT | --- | B | - | - | |
| | | B9.21 | | | | | | CONT. L4 |
| <u>LINE 1-CS-99 (FIG NO A-48)</u> | | | | | | | | |
| 129500 | 1-CS-99-02S
PIPE TO TEE | B-J | PT | --- | I | - | - | |
| | | B9.21 | | | | | | CONT. L4 |
| 129600 | 1-CS-99-03F
PIPE TO PIPE | B-J | PT | --- | I | - | - | |
| | | B9.21 | | | | | | CONT. L4 |
| <u>LINE 1-CS-780 (FIG NO A-56)</u> | | | | | | | | |
| 140500 | 1-CS-780-06S
PIPE TO ELBOW | B-J | PT | --- | B | - | - | |
| | | B9.40 | | | | | | REGEN HXRM |
| 141000 | 1-CS-780-11F
ELBOW TO PIPE | B-J | PT | --- | B | - | - | |
| | | B9.40 | | | | | | REGEN HXRM |

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

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RESIDUAL HEAT REMOVAL SYSTEM

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | INSTRUCTIONS | |
|-----------------------------------|------------------------------|--------|-----|---|--|---|--|
| NUMBER | IDENTIFICATION | CATGY | NDE | ITEM NO | PROCEDURE | | |
| ----- | | | | | | | |
| <u>LINE 1-RH-27 (FIG NO A-57)</u> | | | | | | | |
| 143500 | 1-RH-27-13F
PIPE TO TEE | B-J | PT | --- | 3378029 (8-SS-140-.81)
B - -
ANNULUS | | |
| | | B9.11 | UT | --- | | | |
| <u>LINE 1-RH-28 (FIG NO A-58)</u> | | | | | | | |
| 143700 | 1-RH-28-01S-HL
HANGER LUG | B-K-1 | PT | --- | B - -
CONT. L2 | UT ON WELD NOT FEASIBLE DUE TO
WELD CONFIGURATION. | |
| | | B10.10 | | | | | |
| 145100 | 1-RH-28-13S
ELBOW TO PIPE | B-J | PT | --- | 3378032 (14-SS-160-1.40)
I - -
ANNULUS | | |
| | | B9.11 | UT | --- | | | |

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REVISION: 0

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

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WASTE DISPOSAL SYSTEM

| SUMMARY EXAMINATION AREA | | ASME | | | CALIBRATION BLOCK/ | | | INSTRUCTIONS |
|------------------------------------|---------------------------|---------|-------|-----------|-----------------------|---|---|--------------|
| NUMBER | IDENTIFICATION | SEC. XI | CATGY | NDE | SIZE-SCHEDULE-ACCESS/ | | | |
| | | ITEM NO | METH | PROCEDURE | LOCATION | | | |
| ----- | | | | | | | | |
| <u>LINE 1-WD-640 (FIG NO A-60)</u> | | | | | | | | |
| 146100 | 1-WD-640-02S | B-J | PT | --- | | | | |
| | PIPE TO VALVE | B9.40 | | | I | - | - | |
| | | | | | CONT. L1 | | | |
| <u>LINE 1-WD-644 (FIG NO A-62)</u> | | | | | | | | |
| 147000 | 1-WD-644-01F | B-J | PT | --- | | | | |
| | BRANCH CONNECTION TO PIPE | B9.40 | | | I | - | - | |
| | | | | | CONT. L3 | | | |
| 147300 | 1-WD-644-04S | B-J | PT | --- | | | | |
| | PIPE TO VALVE | B9.40 | | | I | - | - | |
| | | | | | CONT. L3 | | | |
| <u>LINE 1-WD-651 (FIG NO A-63)</u> | | | | | | | | |
| 147920 | 1-WD-651-02S | B-J | PT | --- | | | | |
| | PIPE TO VALVE | B9.40 | | | I | - | - | |
| | | | | | CONT. L4 | | | |

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

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REACTOR COOLANT PUMP NO. 11

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | INSTRUCTIONS |
|------------------------------------|------------------------|-----------|-----|---|-----------------------|----------------------|
| NUMBER | IDENTIFICATION | CATGY | NDE | ITEM NO | METH | |
| | | PROCEDURE | | | | |
| <u>PUMP FLYWHEEL (FIG NO A-64)</u> | | | | | | |
| 148600 | FLYWHEEL
(IN PLACE) | -- | UT | IN PLACE | RC-FLYWHEEL-CS-31-DCC | UT OF BORE & KEYWAY. |
| | | RG1.14 | | | -
CONT. L1 | |

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REVISION: 0

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

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REACTOR COOLANT PUMP NO. 12

| SUMMARY EXAMINATION AREA | | ASME | | | CALIBRATION BLOCK/ | INSTRUCTIONS |
|------------------------------------|------------------------|---------|-------|-----------|-----------------------|-----------------------|
| NUMBER | IDENTIFICATION | SEC. XI | CATGY | NDE | SIZE-SCHEDULE-ACCESS/ | |
| | | ITEM NO | METH | PROCEDURE | LOCATION | |
| <u>PUMP FLYWHEEL (FIG NO A-64)</u> | | | | | | |
| 149400 | FLYWHEEL
(IN PLACE) | -- | UT | IN PLACE | RC-FLYWHEEL-CS-31-DCC | UT OF BORE & KEYWAYS. |
| | | RG1.14 | | | - | |
| | | | | | CONT. L2 | |

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

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REACTOR COOLANT PUMP NO. 13

| SUMMARY
NUMBER | EXAMINATION AREA
IDENTIFICATION | ASHE
SEC. XI
CATGY NDE
ITEM NO METH | PROCEDURE | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | INSTRUCTIONS |
|-------------------|------------------------------------|--|-----------|---|--------------|
|-------------------|------------------------------------|--|-----------|---|--------------|

SUPPORT COMPONENTS (FIG NO A-64)

| | | | | | |
|--------|-------------------|--------------------|-----|-------------------|--|
| 149700 | SUPPORT LUG NO. 1 | B-K-1 PT
B10.20 | --- | B - -
CONT. L3 | UT OF WELD NOT FEASIBLE DUE
TO ATTENUATIVE PROPERTIES OF
PUMP CASING MATERIAL. |
| 149800 | SUPPORT LUG NO. 2 | B-K-1 PT
B10.20 | --- | B - -
CONT. L3 | UT OF WELD NOT FEASIBLE DUE
TO ATTENUATIVE PROPERTIES OF
PUMP CASING MATERIAL. |
| 149900 | SUPPORT LUG NO. 3 | B-K-1 PT
B10.20 | --- | B - -
CONT. L3 | UT OF WELD NOT FEASIBLE DUE
TO ATTENUATIVE PROPERTIES OF
PUMP CASING MATERIAL. |

CIRCUMFERENTIAL WELDS (FIG NO A-64)

| | | | | | |
|--------|------------------|----------------------|-----|-------------------|-----------------|
| 150000 | PUMP CASING WELD | B-L-1 VT-1
B12.10 | --- | B - -
CONT. L3 | CODE CASE N-481 |
|--------|------------------|----------------------|-----|-------------------|-----------------|

PUMP FLYWHEEL (FIG NO A-64)

| | | | | | |
|--------|------------------------|-----------------|----------|--|-------------------------|
| 150200 | FLYWHEEL
(IN PLACE) | -- UT
RG1.14 | IN PLACE | RC-FLYWHEEL-CS-31-DCC
- -
CONT. L3 | UT OF EXPOSED SURFACES. |
|--------|------------------------|-----------------|----------|--|-------------------------|

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

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REACTOR COOLANT PUMP NO. 14

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | | INSTRUCTIONS |
|------------------------------------|------------------------|--------|-----|---|------|-----------|--|
| NUMBER | IDENTIFICATION | CATGY | NDE | ITEM NO | METH | PROCEDURE | |
| <hr/> | | | | | | | |
| <u>PUMP FLYWHEEL (FIG NO'A-64)</u> | | | | | | | |
| 151000 | FLYWHEEL
(IN PLACE) | -- | UT | | | IN PLACE | RC-FLYWHEEL-CS-31-DCC
-
CONT. L4 |
| | | RG1.14 | | | | | |

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

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VALVE PRESSURE RETAINING BOLTING (2" AND LESS)

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/ | | INSTRUCTIONS |
|--------------------------|----------------|---------|------|-----------------------|--|--------------|
| NUMBER | IDENTIFICATION | SEC. XI | | SIZE-SCHEDULE-ACCESS/ | | |
| | | CATGY | NDE | LOCATION | | |
| | | ITEM NO | METH | PROCEDURE | | |

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

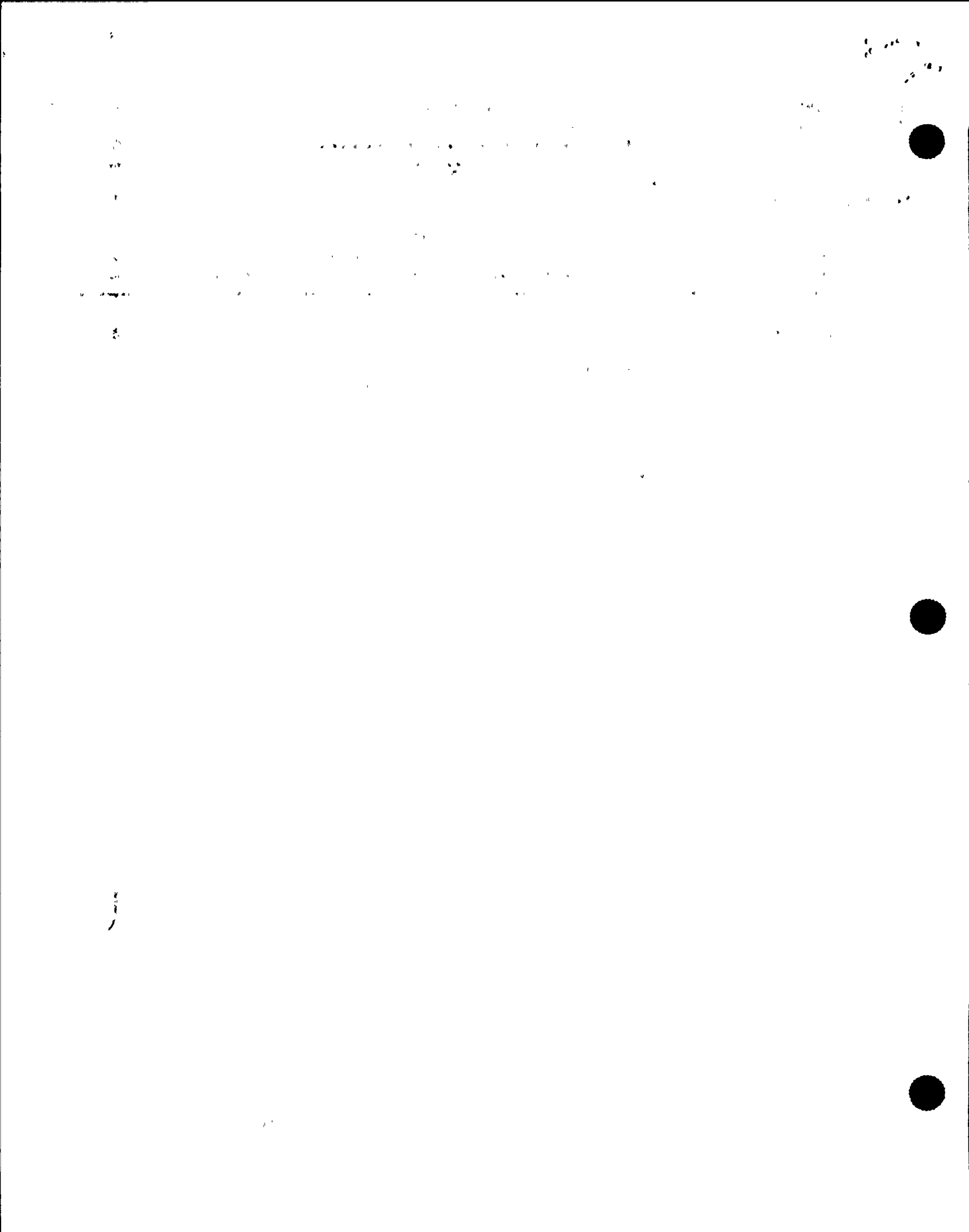
| | | | | | |
|--------|----------------|-------|------|-----|-------------------|
| 224600 | SI-158-L4 | B-G-2 | VT-1 | --- | |
| | FLANGE BOLTING | B7.70 | | | B - -
CONT. L4 |

LINE 1-SI-68 (FIG NO A-37)

| | | | | | |
|--------|----------------|-------|------|-----|-------------------|
| 225750 | SI-161-L1 | B-G-2 | VT-1 | --- | |
| | FLANGE BOLTING | B7.70 | | | B - -
CONT. L1 |

LINE 1-RH-30 (FIG NO A-39)

| | | | | | |
|--------|----------------|-------|------|-----|------------------|
| 226300 | RH-134 | B-G-2 | VT-1 | --- | |
| | FLANGE BOLTING | B7.70 | | | I - -
ANNULUS |



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

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STEAM GENERATOR NO. 12

| SUMMARY EXAMINATION AREA | | ASME | | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | INSTRUCTIONS |
|--------------------------|----------------|---------|-------|-----------|---|--------------|
| NUMBER | IDENTIFICATION | SEC. XI | CATGY | NDE | | |
| | | ITEM NO | METH | PROCEDURE | | |

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

| | | | | | | |
|--------|-----------------|-------|----|---|------------------|--|
| 300190 | STM-12-MSN | C-B | HT | - | PL-3.0-CS-22-DCC | |
| | SHELL TO NOZZLE | C2.21 | UT | - | B - - | |
| | | | | | CONT. L2 | |

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

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STEAM GENERATOR NO. 14

| SUMMARY EXAMINATION AREA | | ASHE | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/ | | INSTRUCTIONS |
|--------------------------|----------------|---------------------------|---|----------|--------------|
| NUMBER | IDENTIFICATION | CATGY NDE
ITEM NO METH | PROCEDURE | LOCATION | |

CIRCUMFERENTIAL WELDS (FIG NO B-4)

| | | | | | |
|--------|--------------------------|-------|----|---|------------------|
| 300360 | STM-14-07 | C-A | UT | - | PL-3.0-CS-22-DCC |
| | SHELL TO TRANSITION CONE | C1.10 | | | B - - |
| | | | | | CONT. L4 |

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

| | | | | | |
|--------|-----------------|-------|----|---|------------------|
| 300400 | STM-14-FWN | C-B | HT | - | PL-3.0-CS-22-DCC |
| | NOZZLE TO SHELL | C2.21 | UT | - | B - - |
| | | | | | CONT. L4 |

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

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REGENERATIVE HEAT EXCHANGER

| SUMMARY EXAMINATION AREA | | ASME | | | CALIBRATION BLOCK/ | INSTRUCTIONS |
|---|---------------------------------|--------------|-------|-----------|---|--------------|
| NUMBER | IDENTIFICATION | SEC. XI | CATGY | NDE | SIZE-SCHEDULE-ACCESS/ | |
| | | ITEM NO | METH | PROCEDURE | LOCATION | |
| <u>CIRCUMFERENTIAL WELDS (FIG NO B-5)</u> | | | | | | |
| 300520 | RHE-1-26
CAP TO SHELL | C-A
C1.20 | UT | - | 9.625-CCSS-X-1.0-2-DCC
I - -
REGEN HXRM | |
| 300530 | RHE-1-28
TUBE SHEET TO SHELL | C-A
C1.30 | UT | - | 9.625-CCSS-X-1.0-2-DCC
I - -
REGEN HXRM | |
| 300540 | RHE-1-29
SHELL TO TUBE SHEET | C-A
C1.30 | UT | - | 9.625-CCSS-X-1.0-2-DCC
I - -
REGEN HXRM | |
| 300550 | RHE-1-32
SHELL TO CAP | C-A
C1.20 | UT | - | 9.625-CCSS-X-1.0-2-DCC
I - -
REGEN HXRM | |

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

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CHEMICAL AND VOLUME CONTROL TANK

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | INSTRUCTIONS |
|--------------------------|----------------|---------|------|---|--|--------------|
| NUMBER | IDENTIFICATION | CATGY | NDE | | | |
| | | ITEM NO | METH | PROCEDURE | | |

INTEGRALLY WELDED VESSEL SUPPORTS (FIG NO B-6)

300730 1-CVCT-2VS-10, 11, & 12 C-C PT -
C3.10

VCT RM

2

[illegible][illegible]

1. *Phragmites* *communis* L.

Figure 1. The proposed model for the effect of the perceived effort on the perceived exertion. The model is based on the concept of the perceived effort, which is the subjective feeling of the effort required to perform a task. The perceived effort is influenced by the physical effort, the psychological effort, and the social effort. The perceived effort is then used to calculate the perceived exertion, which is the subjective feeling of the effort required to perform a task. The perceived exertion is then used to calculate the perceived effort, which is the subjective feeling of the effort required to perform a task.

[illegible]

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COOK NUCLEAR PLANT UNIT 1
INSERVICE INSPECTION SCHEDULE
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CLASS 2 COMPONENTS

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RHR HEAT EXCHANGER WEST

| SUMMARY
NUMBER | EXAMINATION AREA
IDENTIFICATION | ASME
SEC. XI
CATGY NDE
ITEM NO METH | PROCEDURE | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | INSTRUCTIONS |
|-------------------|------------------------------------|--|-----------|---|--------------|
|-------------------|------------------------------------|--|-----------|---|--------------|

CIRCUMFERENTIAL WELDS (FIG NO B-8A)

| | | | | | |
|--------|---------------|-------|----|---|------------------|
| 300830 | W-RHRHEX-2 | C-A | UT | - | PL-SS-1.0-27-DCC |
| | SHELL TO HEAD | C1.20 | | | I - - |
| | | | | | W RHR HXRM |

4 2 2



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

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BORON INJECTION TANK

| SUMMARY EXAMINATION AREA | | ASHE | | CALIBRATION BLOCK/ | | INSTRUCTIONS |
|--------------------------|----------------|---------|-------|--------------------|-----------------------|--------------|
| NUMBER | IDENTIFICATION | SEC. XI | CATGY | NDE | SIZE-SCHEDULE-ACCESS/ | |
| | | ITEM NO | METH | PROCEDURE | LOCATION | |
| ----- | | | | | | |

INTEGRALLY WELDED VESSEL SUPPORTS (FIG NO B-9)

300940 1-BIT-VS-3 C-C HT -
C3.10

BIT RM

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

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EMERGENCY CORE COOLING SYSTEM

| SUMMARY EXAMINATION AREA | | ASHE | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/ | | INSTRUCTIONS | |
|-----------------------------------|--|-------|-----|---|------------------------|--------------|--|
| NUMBER | IDENTIFICATION | CATGY | NDE | ITEM NO | PROCEDURE | | |
| ----- | | | | | | | |
| <u>LINE 1-SI-2 (FIG NO B-10)</u> | | | | | | | |
| 301350 | 1-SI-2-31S
ELBOW TO PIPE | C-F | PT | - | - | - | |
| | | C5.11 | | | | W CTS PPRM | |
| <u>LINE 1-SI-3 (FIG NO B-11)</u> | | | | | | | |
| 302080 | 1-SI-3-38F
TEE TO TEE | C-F | PT | - | - | - | |
| | | C5.11 | | | I | W CTS PPRM | |
| <u>LINE 1-SI-4 (FIG NO B-12)</u> | | | | | | | |
| 302300 | 1-SI-4-15S
PIPE TO ELBOW | C-F | PT | - | - | - | |
| | | C5.11 | | | I | VESTIBULE | |
| 302350 | 1-SI-4-20S
ELBOW TO PIPE | C-F | PT | - | - | - | |
| | | C5.11 | | | I | VESTIBULE | |
| <u>LINE 1-SI-21 (FIG NO B-14)</u> | | | | | | | |
| 302530 | 1-SI-21-02S
ELBOW TO PIPE | C-F | PT | - | 3378029 (8-SS-140-.81) | S - - | |
| | | C5.21 | UT | - | | ANNULUS | |
| 302675 | 1-SI-21-16S-HL 1 THROUGH 4
HANGER LUG | C-C | PT | - | S - - | ANNULUS | |
| | | C3.20 | | | | | |
| 302730 | 1-SI-21-22F
ELBOW TO VALVE | C-F | PT | - | 3378029 (8-SS-140-.81) | - - | |
| | | C5.21 | UT | - | | ANNULUS | |

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

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EMERGENCY CORE COOLING SYSTEM

| SUMMARY EXAMINATION AREA | | ASHE | | CALIBRATION BLOCK/ | | INSTRUCTIONS | |
|-----------------------------------|----------------|---------|------|-----------------------|------------------------|--------------|--|
| NUMBER | IDENTIFICATION | CATGY | NDE | SIZE-SCHEDULE-ACCESS/ | | | |
| | | ITEM NO | METH | PROCEDURE | LOCATION | | |
| | | | | | | | |
| | | | | | | | |
| ----- | | | | | | | |
| <u>LINE 1-SI-24 (FIG NO B-15)</u> | | | | | | | |
| 302760 | 1-SI-24-03F | C-F | PT | - | 3378029 (8-SS-140-.81) | U. CONT. | |
| | ELBOW TO VALVE | C5.21 | UT | - | S - - | | |
| | | | | | | | |
| <u>LINE 1-SI-25 (FIG NO B-16)</u> | | | | | | | |
| 303110 | 1-SI-25-18F | C-F | PT | - | 3378029 (8-SS-140-.81) | ANNULUS | |
| | PIPE TO ELBOW | C5.21 | UT | - | S - - | | |
| | | | | | | | |
| <u>LINE 1-SI-32 (FIG NO B-19)</u> | | | | | | | |
| 303450 | 1-SI-32-02S | C-F | PT | - | | ANNULUS | |
| | PIPE TO ELBOW | C5.11 | | | S - - | | |
| | | | | | | | |
| <u>LINE 1-SI-68 (FIG NO B-21)</u> | | | | | | | |
| 303970 | 1-SI-68-22F | C-F | PT | - | 3378028 (6-SS-160-.71) | CONT. L1 | |
| | PIPE TO VALVE | C5.21 | UT | - | B - - | | |
| | | | | | | | |
| <u>LINE 1-SI-69 (FIG NO B-22)</u> | | | | | | | |
| 304020 | 1-SI-69-04S | C-F | PT | - | 3378028 (6-SS-160-.71) | ANNULUS | |
| | ELBOW TO PIPE | C5.21 | UT | - | S - - | | |
| | | | | | | | |
| <u>LINE 1-SI-70 (FIG NO B-23)</u> | | | | | | | |
| 304220 | 1-SI-70-04S | C-F | PT | - | 3378029 (8-SS-140-.81) | ANNULUS | |
| | ELBOW TO PIPE | C5.21 | UT | - | S - - | | |
| | | | | | | | |

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COOK NUCLEAR PLANT UNIT 1
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EMERGENCY CORE COOLING SYSTEM

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/ | | INSTRUCTIONS |
|-----------------------------------|----------------|---------|------|---|------------------------|--------------|
| NUMBER | IDENTIFICATION | CATGY | NDE | PROCEDURE | LOCATION | |
| | | ITEM NO | METH | | | |
| <u>LINE 1-SI-70 (FIG NO B-23)</u> | | | | | | |
| 304370 | 1-SI-70-18F | C-F | PT | - | 3378028 (6-SS-160-.71) | |
| | PIPE TO ELBOW | C5.21 | UT | - | B - - | |
| | | | | | CONT. L3 | |
| <u>LINE 1-SI-71 (FIG NO B-24)</u> | | | | | | |
| 304470 | 1-SI-71-06S | C-F | PT | - | 3378029 (8-SS-140-.81) | |
| | ELBOW TO PIPE | C5.21 | UT | - | - - | |
| | | | | | ANNULUS | |
| <u>LINE 1-RH-1 (FIG NO B-25)</u> | | | | | | |
| 304870 | 1-RH-1-11S | C-F | PT | - | | |
| | ELBOW TO PIPE | C5.11 | | | B - - | |
| | | | | | E RHR PPRM | |
| 304945 | 1-RH-1-16F-PS | C-C | PT | - | | |
| | PIPE SUPPORT | C5.20 | | | B - - | |
| | | | | | E CHG PPRM | |
| <u>LINE 1-RH-2 (FIG NO B-26)</u> | | | | | | |
| 305170 | 1-RH-2-07S | C-F | PT | - | | |
| | PIPE TO ELBOW | C5.11 | | | B - - | |
| | | | | | W RHR PPRM | |
| 305275 | 1-RH-2-15F-PS | C-C | PT | - | | |
| | PIPE SUPPORT | C3.20 | | | B - - | |
| | | | | | W CHG PPRM | |
| 305310 | 1-RH-2-19S | C-F | PT | - | | |
| | ELBOW TO TEE | C5.11 | | | I - - | |
| | | | | | W RHR HXRM | |

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EMERGENCY CORE COOLING SYSTEM

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/ | | INSTRUCTIONS | |
|-----------------------------------|-------------------------------|--------------|------|-----------------------|---------------------|--------------|--|
| NUMBER | IDENTIFICATION | CATGY | NDE | SIZE-SCHEDULE-ACCESS/ | | | |
| | | ITEM NO | METH | PROCEDURE | | | |
| | | | | LOCATION | | | |
| | | | | | | | |
| <u>LINE 1-RH-4 (FIG NO B-28)</u> | | | | | | | |
| 305760 | 1-RH-4-10S
ELBOW TO PIPE | C-F
C5.11 | PT | - | B - -
VESTIBULE | | |
| <u>LINE 1-RH-5 (FIG NO B-29)</u> | | | | | | | |
| 305870 | 1-RH-5-02S
REDUCER TO PIPE | C-F
C5.11 | PT | - | - -
W RHR HXRM | | |
| <u>LINE 1-RH-6 (FIG NO B-30)</u> | | | | | | | |
| 306460 | 1-RH-6-15S
PIPE TO ELBOW | C-F
C5.11 | PT | - | S - -
E RHR HXRM | | |
| <u>LINE 1-RH-11 (FIG NO B-35)</u> | | | | | | | |
| 308100 | 1-RH-11-08S
PIPE TO ELBOW | C-F
C5.11 | PT | - | - -
VESTIBULE | | |

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CHEMICAL AND VOLUME CONTROL SYSTEM

| SUMMARY EXAMINATION AREA | | ASHE | | CALIBRATION BLOCK/ | |
|--------------------------|----------------|---------|------|-----------------------|--------------|
| | | SEC. XI | | SIZE-SCHEDULE-ACCESS/ | |
| NUMBER | IDENTIFICATION | CATGY | NDE | LOCATION | INSTRUCTIONS |
| | | ITEM NO | METH | PROCEDURE | |

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

| | | | | | |
|--------|---------------|-------|----|------------|--|
| 308750 | 1-CS-35-26F | C-F | PT | - | |
| | PIPE TO VALVE | C5.11 | | | |
| | | | | W CHG PPRH | |

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COOK NUCLEAR PLANT UNIT 1
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OUTAGE 1 (1994), THIRD PERIOD, SECOND INTERVAL
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CONTAINMENT SPRAY PIPING

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | | INSTRUCTIONS |
|-----------------------------------|--------------------------------|-------|---------------------|---|---|---|
| NUMBER | IDENTIFICATION | CATGY | NDE
ITEM NO METH | PROCEDURE | | |
| ----- | | | | | | |
| <u>LINE 1-CTS-1 (FIG NO B-41)</u> | | | | | | |
| 308810 | 1-CTS-1-01F
PUMP TO REDUCER | C-F | PT | - | -
W CTS PPRH | |
| <u>LINE 1-CTS-4 (FIG NO B-44)</u> | | | | | | |
| 309830 | 1-CTS-4-05S
TEE TO ELBOW | C-F | PT | --- | 10-SS-40-.365-26-DCC
-
E CTS PPRH | 7.5% AUGMENTED UT REQUIREMENT.
TO BE EXAMINED EACH INTERVAL. |
| 309980 | 1-CTS-4-18S
PIPE TO ELBOW | C-F | PT | - | S -
E CTS PPRH | |
| <u>LINE 1-CTS-5 (FIG NO B-45)</u> | | | | | | |
| 310290 | 1-CTS-5-16S
FLANGE TO PIPE | C-F | PT | - | -
E CTS HXRH | |
| <u>LINE 1-CTS-6 (FIG NO B-46)</u> | | | | | | |
| 310540 | 1-CTS-6-08S
PIPE TO FLANGE | C-F | PT | - | S -
E CTS HXRH | |

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INSERVICE INSPECTION SCHEDULE
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CLASS 2 COMPONENTS

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FEEDWATER SYSTEM

| SUMMARY EXAMINATION AREA | | ASME | | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/ | | INSTRUCTIONS |
|-----------------------------------|-------------------------------|---------|------|---|-----------|-----------------------|
| NUMBER | IDENTIFICATION | CATGY | NDE | ITEM NO | PROCEDURE | |
| | | ITEM NO | METH | | | |
| ----- | | | | | | |
| <u>LINE 1-FW-10 (FIG NO B-47)</u> | | | | | | |
| 310980 | 1-FW-10-22S-PS | C-C | MT | - | | |
| | PIPE TO PENETRATION SEAL WELD | C3.20 | | | | I - -
W MS ENC |
| <u>LINE 1-FW-12 (FIG NO B-49)</u> | | | | | | |
| 311240 | 1-FW-12-05S | C-F | MT | --- | | 14'-CS-80-.750-12-DCC |
| | ELBOW TO PIPE | C5.21 | UT | --- | | B - -
MS ACC |
| <u>LINE 1-FW-26 (FIG NO B-55)</u> | | | | | | |
| 312420 | 1-FW-26-05S | C-F | MT | - | | |
| | PIPE TO ELBOW | C5.11 | | | | S - -
596' PLAT |
| <u>LINE 1-FW-27 (FIG NO B-56)</u> | | | | | | |
| 312620 | 1-FW-27-03S | C-F | MT | - | | |
| | PIPE TO TEE | C5.11 | | | | S - -
596' PLAT |

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| SUMMARY
NUMBER | EXAMINATION AREA
IDENTIFICATION | ASHE
SEC. XI | | PROCEDURE | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/
LOCATION | INSTRUCTIONS |
|------------------------------------|------------------------------------|------------------|-------------|------------|---|--------------|
| | | CATGY
ITEM NO | NDE
METH | | | |
| <u>LINE 1-MS-11 (FIG NO B-64)</u> | | | | | | |
| 314360 | 1-MS-11-08S
PIPE TO CAP | C-F
C5.21 | HT
UT | ---
--- | 30-CS-X-1.00-38-DCC
I - -
W MS ENC | |
| <u>LINE 1-MS-192 (FIG NO B-70)</u> | | | | | | |
| 315550 | 1-MS-192-05F
PIPE TO ELBOW | C-F
C5.11 | HT | - | I - -
E MS ENC | |

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INSERVICE INSPECTION SCHEDULE
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CLASS 2 COMPONENTS

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MAIN STEAM ISOLATION VALVE-LINE 1-MS-2

| SUMMARY EXAMINATION AREA | | ASME | CALIBRATION BLOCK/
SIZE-SCHEDULE-ACCESS/ | | INSTRUCTIONS |
|--------------------------|----------------|--------------------------------------|---|----------|--------------|
| NUMBER | IDENTIFICATION | SEC. XI
CATGY NDE
ITEM NO METH | PROCEDURE | LOCATION | |
| ----- | | | | | |

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

| | | | | | |
|--------|----------------|-------|----|---|--------------------|
| 317090 | MSIV-MRV-210 | C-D | UT | - | 2.75-S-8-CS-40-DCC |
| | FLANGE BOLTING | C4.40 | | | B - - |
| | | | | | E MS ENC |

