

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

163 of 465

NIS-2-352-00

- Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address
- Date August 20, 2000  
Sheet 1 of 2  
Unit # 2  
C48719-11  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A
4. Identification of System Chemical Volume Control Sys ASME CODE CLASS 2  
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCS-R35 2x2x3/8" Steel Angle	M&E# 30-153030	ASP# 21574	N/A	A36 1990	N/A	Replace- ment	No
2-GCS-R47 1/2"x2" Flat ir	M&E# 30-153145	ASP# 21539	N/A	A36-93A	N/A	Replace- ment	No
2-GCS-R47 2x2x1/4 Steel Angle	M&E# 30-153012	ASP# 21493	N/A	A36 1990	N/A	Replace- ment	No

7. Description of work Rework and Demolish Existing Supports

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

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

Applicable Manufacturer's Data Reports to be attached

Ref. JO C48719-11

Repair/Replacement Plan C48719-11      ISI Class 2

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

Type Code Symbol Stamp N/A

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

Signed Conrad V Reid, Senior Planner Date August 20, 2000  
Owner or Owner's Designee, Title

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period                      to                     , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 20

**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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NIS-2-350-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date August 14, 2000

Sheet 1 of 2

Unit # 2

C48722-04  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Chemical Volume Control Sys ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-CS-535 3" Sch 160 Ball Valve	Temp M&E# 00-12087	ASP# 21484	N/A	End Caps SA-479 Tp 316	N/A	Replace- ment	No

7. Description of work Install new ball valve

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

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

## FORM NIS-2 (Back)

## Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO C48722-04

Repair/Replacement Plan C48722-04 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 Conrad V Reid, Senior PlannerDate August 14, 2000

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 10/20/99 to 9/2/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions

MICHOSS, ENDNFI  
National Board, State, Province, EndorsementsDate Sept 2 20 00



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

167 of 465  
NIS-2-348-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address  
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address  
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date August 14, 2000  
Sheet 1 of 2  
Unit # 2  
C48722-13  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Chemical Volume Control Sys ASME CODE CLASS 2  
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/8" Filler Metal	M&E# 30-044990	ASP# 21073	N/A	ER 308L SFA 5.9	N/A	Replacement	No
3/32" Filler Metal	M&E# 30-044988	ASP# 19186	N/A	ER 308 SFA 5.9	N/A	Replacement	No

7. Description of work Excavate and reweld pipe joint to obtain alignment

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO C48722-13

Repair/Replacement Plan C48722-13 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/A

Signed Conrad V Reid, Senior Planner Date August 14, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919  
 Have inspected the components described in this Owner's Report during the period 12-18-99 to 7-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date Sept 2 2000

**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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NIS-2-349-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date August 14, 2000

Sheet 1 of 2

Unit # 2

C48723-04  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Chemical Volume Control Sys ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-CS-536 4" Sch 120 Ball Valve	Temp M&E# 00-12088	ASP# 21484	N/A	End Cap SA-479 Tp 316	N/A	Replacement	No
2-ACS-L954 -1/2x2-1/2x 3/8 angle	M&E# 30-153031	ASP# 21057	N/A	A36 1991	N/A	Replacement	No
2-ACS-L954 1/2"x6" flat bar	M&E# 30-153149	ASP# 21519	N/A	A36-93A	N/A	Replacement	No
2-ACS-L954 1/2"x4-1/2" Hilti Kwik bolt II	M&E# 30-046269	ASP# 14398	N/A	KBII-12- 412	N/A	Replacement	No

7. Description of work Install new ball valve and replace hanger removed to facilitate welding

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO C48723-04

Repair/Replacement Plan C48723-04 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 Conrad V Reid, Senior PlannerDate August 14, 2000

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1/10/00 to 9-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date Sept 2 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS** 171 of 465  
As Required by the Provisions of the ASME Code Section XI

NIS-2-347-00

- Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address
- Date August 14, 2000  
Sheet 1 of 2  
Unit # 2  
C48723-13  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A
4. Identification of System Chemical Volume Control Sys ASME CODE CLASS 2  
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
1/8" Filler Metal	M&E# 30-045075	ASP# 17518	N/A	ER 316 SFA 5.9	N/A	Replacement	No

7. Description of work Excavate and reweld pipe joint to obtain alignment

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO C48723-13

Repair/Replacement Plan C48723-13

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/A

Signed Conrad V Reid, Senior Planner Date August 14, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 12/18/99 to 9/2/99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions MICH0055, END NSE  
National Board, State, Province, Endorsements

Date Sept 2 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-29-99  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C48835-02  
One Cook Place, Bridgman, MI 49106 Component# 2-QRV-251
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CHARGING (CVCS)
5. (a) Applicable Construction Code: ASME SECT. III 1986. NO Add., Code Case: NONE  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-QRV-251						
TRIM ASSEMBLY	ASME SA-564 GR. 630	COPES- VULCAN	M & E 30-036160 ASP 13191	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 NDE: NONE Pressure: psi Test Temperature \_\_\_\_\_ F.

**Description of Work:** REPLACED TRIM ASSEMBLY DURING VALVE  
 REFURBISHMENT.

Job Order/File: C48835-02

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Demetrius Amos manir Super welding Date 9-8-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FMIC OF JOHNSTON, RI have inspected the components described in this Owner's Report during the period 5/18/99 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

**Section XI**

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

MA Martin  
 Inspector's Signature

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

Date: SEPT 9 19 2000



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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NIS-2-267-99

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 08/14/99

Sheet 1 of 2

Unit # 2

C48983-08  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Boron Injection ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-TK-11 2 1/2" x 13 1/2" S.S. Studs	P.O.# NV04-10888	ASP# 21212	N/A	A193-97A Gr B6	N/A	Replacement	NO

7. Description of work Replacement of Rejected Bolts during Reinstallation of Manway Cover on Boron Injection Tank 2-TK-11

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C48983-08

Design Change: N/A

Repair/Replacement Traveler: C48983-08

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/A

Signed Conrad V Reid, Senior Planner Date February 22, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 5/22/99 to 3/4/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MT Matusz Commissions NB9030, Mich 0055, ENRINFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date March 4 15 2000

**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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NIS-2-401-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date Sep. 5, 00

Sheet 1 of 2

Unit 2

C49333-03  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Leakage Detecting Closure Sys ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
5/8" Hardened Washer	M&E # 30-212690	ASP # 20515	N/A	ASTM F-436-93	N/A	Replacement	No

7. Description of work. Reinstall Man-Way on 2-TK-87.

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

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

## FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref JOA: C49333-03

Repair / Replacement C49333-03

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/A

Signed Conrad V Reid, Senior Planner Date 09/04, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 7-2-99 to 9-6-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 K. B. B. B.Commissions Mi. 762 N&I  
National Board, State, Province, EndorsementsDate Sept. 6 2000

**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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NIS-2-402-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date Sep. 5, 00

Sheet 1 of 2

Unit 2

C49334-03  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Leakage Detecting Closure Sys ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
5/8" Hardened Washer	M&E # 30-212690	ASP # 20515	N/A	ASTM F-436-93	N/A	Replacement	No

7. Description of work. Reinstall Man-Way on 2-TK-86.

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

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

## FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref JOA: C49334-03

Repair / Replacement C49334-03

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 Conrad V Reid, Senior PlannerDate 09/05, 20 00

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler  
 And Pressure Vessel Inspectors and the State or Province of Michigan and employed  
 by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919

Have inspected the components described in this Owner's Report during the period  
7-2-99 to 9-6-00, and state that to the best of my knowledge  
 and belief, the Owner has performed examinations and taken corrective measures  
 described in this Owner's Report in accordance with the requirements of the ASME  
 Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any  
 Warranty, expressed or implied, concerning the examinations and corrective measures  
 Described in this Owner's Report. Furthermore, neither the Inspector nor his  
 Employer shall be 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 K. BlakeCommissions Mi. 762 N&I

National Board, State, Province, Endorsements

Date Sept 6 20 00

**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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INS-2-407-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date Sep. 9, 00

Sheet 1 of 2

Unit 2

C50321-08  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Glycol System ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GR-R1017 5/8" x 6" U Bolt Fig 137	M&E# 30-024124	ASP # 20611	N/A	SA 36	N/A	Replacement	No
Lat Bar 1/2"x4"x10"	M&E# 30-153148	ASP # 20280	N/A	A36 1991	N/A	Replacement	No
Tube Steel 3x3x1/4"	M&E# 30-150169	ASP# 20486	N/A	A500 1990 GrB	N/A	Replacement	No
2-GR-R1050 Plate 1/2"x 3-1/2"x 8-11/16"	M&E# 30-153188	ASP# 20802	N/A	A36 - 93A	N/A	Replacement	No
Plate 3/8" x 2-5/8 x 2-5/8	M&E# 30-153142	ASP# 20620	N/A	A36 - 90	N/A	Replacement	No
Steel Plate Base 1/2"x6"x6"	M&E# 30-153250	ASP# 16017	N/A	A36 - 1993	N/A	Replacement	No
2-AR-5300 Angle 2x2x1/4"	M&E 30-153012	ASP# 21201	N/A	A36 - 1990	N/A	Replacement	No
Tube Steel 3x3x1/4"	M&E# 30-150169	ASP# 20486	N/A	A500 1990 GrB	N/A	Replacement	No
U-Bolt Fig 137S 1/2" leg	Temp M&E# 00-13697	ASP# 21606	N/A	SA36	N/A	Replacement	No

7. Description of work. Restore Class 1 piping supports per DCP-629 in Glycol system

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

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

## FORM INS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref JOA: C50321-08

Repair / Replacement C50321-08

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/A

Signed Conrad V Reid, Senior Planner  
 Owner or Owner's Designee, Title

Date September 9, 20 00

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 9-13-99 to 9-11-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions

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

Date Sept 11 20 00



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

183 of 465

NIS-2-302-00

Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address  
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address  
3. Work Performed by Installation Services  
Name  
Same as #2

Date 06/16/00  
Sheet 1 of 5  
Unit # 2  
C50518-1410 R  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Component Cooling Water ASME CODE CLASS 2 & 3  
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. 416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-CCW-454 2-CCW-453 4" Sch 40 BW 90 C/S	M&E# 30-015932	ASP# 20201	N/A	SA 234 Gr WPB	N/A	Replace- ment	N/A
2-CCW-454 2-CCW-453 4" Sch 120 BW 90 S/S	M&E# 30-019500	ASP# 677	N/A	SA 403 Gr WP-S-316	N/A	Replace- ment	N/A
2-CCW-454 2-CCW-453 1" 6000# SW 90 S/S	M&E 30-017262	ASP# 20169	N/A	SA 182 Gr F304	N/A	Replace- ment	N/A
2-CCW-454 2-CCW-453 4" Pipe Sch 120 S/S	M&E 30-019223	ASP# 1093	N/A	SA 376 Gr TP 316	N/A	Replace- ment	N/A
2-CCW-454 2-CCW-453 4" Pipe Sch 40 C/S	M&E 30-014964	ASP# 20513	N/A	SA 106 Gr B	N/A	Replace- ment	N/A
2-CCW-454 2-CCW-453 1" Pipe Sch 160 S/S	M&E 30-016809	ASP# 10718	N/A	SA 376 Gr TP-304	N/A	Replace- ment	N/A

7. Description of work 2-DCP-581 Install new valves 2-CCW-454 and 2-CCW-453 with associated piping.

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

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

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

184 of 465

NIS-2-302-00

Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address  
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address  
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 06/13/00  
Sheet 2 of 5  
Unit # 2  
C50518-14  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Component Cooling Water ASME CODE CLASS 2 & 3  
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. 416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-CCW-454 2-CCW-453 4" Globe Valve Class 2500 Crane Model 7191-UL	M&E# 00-12849 PO# NU04- 0000002111 Rev2	ASP# 22129	N/A	SA 351 Gr CF8M Body	N/A	Replacement	N/A
2-CCW-454 2-CCW-453 4" Transition Spool 3" long Sch 120 to Sch 40	PO# NU04- 0000002111 Rev2	ASP# 22129	N/A	SA 182 Gr F316	N/A	Replacement	N/A
2-CCW-454 2-CCW-453 1" 6000# SW Weldolet SS	Temp M&E 00-015824	ASP# 22073	N/A	SA 182 Gr F304	N/A	Replacement	N/A
2-CCW-454 2-CCW-453 1" 6000# Threaded Cap SS	Temp M&E 00-015823	ASP# 22073	N/A	SA 182 Gr F304	N/A	Replacement	N/A
2-GCCW-L202 5/8" x 6" long Hilti Kwik Bolt II	M&E 30-046272	ASP# 16284	N/A	N/A	N/A	Replacement	N/A
2-GCCW-L202 Tube Steel 3x1/4 C/S	M&E 30-150169	ASP# 21834	N/A	A 500 Gr B 1990	N/A	Replacement	N/A
2-GCCW-L202 10x10x1/2" Base Plate	M&E 30-153188	ASP# 21858	N/A	A36-93A	N/A	Replacement	N/A

# 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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NIS-2-302-00

Owner AMERICAN ELECTRIC POWER COMPANY

Date 06/13/00

Name

P.O. Box 60 Fort Wayne, IN 46801

Sheet 3 of 5

Address

2. Plant D.C. COOK NUCLEAR POWER PLANT

Unit # 2

Name

One Cook Place, Bridgman, MI 49106

C50518-14

Address

Repair Org. P.O. No., Job No., etc

3. Work Performed by Installation Services

Type Code Symbol Stamp N/A

Name

Authorization No. N/A

Same as #2

Expiration Date N/A

Address

4. Identification of System Component Cooling Water ASME CODE CLASS 2 & 3

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. 416-1 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCCW-L202 ¾" x 3" Flat Bar C/S	M&E 30-153129	ASP# 20802	N/A	A36-91	N/A	Replacement	N/A
2-GCCW-V298 3" Sch 40 pipe C/S	M&E 30-014962	ASP# 19196	N/A	SA106 GrB	N/A	Replacement	N/A
2-GCCW-V298 1-1/2"x 1-1/2"x1/4" Angle C/S	M&E 30-153010	ASP# 21519	N/A	A36 1993	N/A	Replacement	N/A
2-ACCW-R4041 ¾" Weldless Eye Nut Grinnell Fig. 290N	M&E# 30-024428	ASP# 15639	N/A	N/A	N/A	Replacement	N/A
2-ACCW-R4041 ¾" x 9" lg Rod TFL Grinnell Fig 140N	Temp M&E# 00-015798	ASP# 22226	N/A	N/A	N/A	Replacement	N/A
2-ACCW-R4041 Size 10 Variable Spring Can Grinnell Fig. 82N	Temp M&E 00-015799	ASP# 22226	N/A	N/A	N/A	Replacement	N/A
2-ACCW-R4041 ¾" Structural Welding Lug Grinnell Fig. 55N with 7/8" bolts w/ pin & cotter Fig 291N	Temp M&E 00-015800	ASP# 22226	N/A	N/A	N/A	Replacement	N/A

# 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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NIS-2-302-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 06/13/00  
Sheet 4 of 5  
Unit # 2  
C50518-14  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Component Cooling Water ASME CODE CLASS 2 & 3
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. 416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-ACCW-R4041 W4x13 Wide Flange	M&E 30-153288	ASP# 19609	N/A	A36-90	N/A	Replacement	N/A
2-ACCW-R4041 W6x25 Wide Flange	Temp M&E 00-016593	ASP# 22107	N/A	A36-91	N/A	Replacement	N/A
2-ACCW-R4041 1/2" x 7" Hilti Kwik Bolt II	M&E 30-046271	ASP# 21553	N/A	N/A	N/A	Replacement	N/A
2-ACCW-R4041 12"x12"x1/2" Base Plate	M&E 30-153193	ASP# 21962	N/A	A36-93A	N/A	Replacement	N/A
2-ACCW-R4041 1/2" Heavy Hex Nuts	M&E 30-211890	ASP# 21890	N/A	SA194 Gr 2H	N/A	Replacement	N/A
2-ACCW-R4041 4" Pipe Clamp Fig. 295N C/S	M&E 30-024208	ASP# 10965	N/A	N/A	N/A	Replacement	N/A

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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Sheet 5 of 5  
NIS-2-302-00

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C50518-10

Design Change: 2-DCP-581

Repair/Replacement Plan: C50518-10 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 Conrad V Reid, Senior Planner Date June 15, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 2-9-00 to 7-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 NB 9039, MI-40055, END N/A  
Inspector's Signature National Board, State, Province, Endorsements

Date July 5 15 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 1-12-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C50580-08/14 RCH  
One Cook Place, Bridgman, MI 49106 Component# 2-IMO-910
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: REFUELING WATER STORAGE TANK SUPPLY
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-IMO-910 <del>REPL</del>						
YOKE ASSEMBLY INCLUDES STEM, DISC(disk) & BONNET	ASTM A351 GRADE CF8 (for both bonnet & disk)	ANCHOR VALVE CO	ASP 22015 P.O.# 0000002493	N/A	REPLACED (machined disk/wedge)	NO
ROD, THREADED 5/8 IN 11 UNC	ASME SA453 GRADE 660		M & E 30-212290 ASP 21374	N/A	REPLACED	NO
NUT, HEX 5/8 IN 11 UNC	ASME SA194 GR 8F		M & E 30-212090 ASP 21506 & 21027	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure N/A

NDE: PT FOR VALVE WEDGE / VT2 Functional Test \_\_\_\_\_ Temperature \_\_\_\_\_ F.

Description of Work: REPLACED YOKE ASSEMBLY USING NEW YOKE ASSEMBLY KIT  
AND ASSOCIATED FASTENERS. INITIAL BLUE CHECK ON NEW WEDGE WAS

UNSAT. MACHINED DISK/WEDGE TO FIT. VT-2 FUNCTIONAL WAS PERFORMED ON  
ACT.# 12 WITH CREM PROVIDED FOR VERIFICATION.

Job Order/File: C50580-08ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding Supervisor Date 9-7-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by . FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 1-4-00 to 9-7-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: SEPT 7 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 01-12-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C50581-08/14 ~~224~~  
One Cook Place, Bridgman, MI 49106 Component# 2-IMO-911
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: REFUELING WATER
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add. Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-IMO-911						
Yoke assembly including disk/wedge And bonnet	ASTM A351 grade CF8	ANCHOR VALVE	ASP# 22015 P.O.# 2493 INCLUDED WITHIN REFERENCED ASP	N/A	REPLACED AND MACHINED WEDGE/DISK	NO
Nuts 5/8"	ASME SA-194 gr.8F	N/a	M&E# 30-212090 ASP# 21506	N/a	Replaced	NO
Rod, threaded 5/8"	ASME SA-453 gr.660	N/a	M&E# 30-212290 ASP# 21374	N/a	Replaced	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure ✓  
NDE: PT(DISK/WEDGE) VT-2 functional test Pressure: psi Test Temperature F.



**Description of Work:** Replaced the yoke assembly which included the bonnet and disk/wedge assembly including associated fasteners. Wedge/disk was machined to fit. VT-2 was performed on activity#12 with crem included for verification.

Job Order/File: C50581-08ISI Class: 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-7-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 1-4-00 to 9-7-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M. F. M. Thompson Commissions MICH 0055, END NBT  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 7 18 2000

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

192 of 465  
INS-2-406-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date Sep. 9, 00

Sheet 1 of 2

Unit 2

C50582-06  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Main Steam ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-MCM-221 4" Globe Valve	Temp M&E # 00-12849	ASP # 22129	N/A	SA216 Gr WCB	N/A	Replace- ment	No
Pipe " Sch 80	M&E # 30-014985	ASP # 18219	N/A	SA106 GrB	N/A	Replace- ment	No

7. Description of work. Replace motor operated valve 2-MCM-221 with new valve and short spool piece

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

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

## FORM INS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref JOA: C50582-06

Repair / Replacement C50582-06

IS 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 Conrad V Reid, Senior Planner  
 Owner or Owner's Designee, Title

Date September 9, 20 00

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-20-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

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

Date SEPT 12 20 00

**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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NIS-2-408-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date Sep. 9, 00

Sheet 1 of 2

Unit 2

C50584-06  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Main Steam ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-MCM-231 4" Globe Valve	Temp M&E # 00-12849	ASP # 22129	N/A	SA216 Gr WCB	N/A	Replacement	No
Pipe " Sch 80	M&E # 30-014985	ASP # 18219	N/A	SA106 GrB	N/A	Replacement	No

7. Description of work. Replace motor operated valve 2-MCM-231 with new valve and short spool piece

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

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

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Page 2 of 2

INS-2-408-00

## FORM INS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref JOA: C50584-06

Repair / Replacement C50584-06

IS 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 Conrad V Reid, Senior Planner Date September 9, 20 00  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 8-20-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date Sept 12 20 00

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 01-07-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C50585-04  
One Cook Place, Bridgman, MI 49106 Component# 2-NMO-151
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: pressurizer
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add. Code Case: n/a  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-NMO-151						
WEDGE	ASTM A182 F XM-19	VELAN	EXISTING	N/A	MODIFIED DRILLED	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A  
 NDE: PT Pressure: psi Test Temperature F.

Description of work: **DRILLED HOLE IN WEDGE PER DCP 181. PT PERFORMED IN AREA OF DRILLED HOLE**

Job Order/File: C50585-04ISI Class 1**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned: Dewayne Timmons, welding supervisorDate 9/20/00

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 11-29-99 to 4-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MA [Signature]

Inspector's Signature

Commissions

Mich 0055, End N&E

National Board, State, Province, Endorsements

Date: SEPT 1319<sup>th</sup> 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 01-07-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C50586-04  
One Cook Place, Bridgman, MI 49106 Component# 2-NMO-152
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: pressurizer
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add., Code Case: n/a  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-NMO-152						
WEDGE	ASTM A182 F XM-19	VELAN	EXISTING	N/A	MODIFIED DRILLED	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A  
 NDE: PT Pressure: psi Test Temperature F.

Description of work: **DRILLED HOLE IN WEDGE PER DCP 181. PT PERFORMED IN AREA OF DRILLED HOLE**



Job Order/File: C50586-04 ISI Class 1**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-12-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 11-29-99 to 9-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: Sept 13 10 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 01-06-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C50587-04  
One Cook Place, Bridgman, MI 49106 Component# 2-NMO-153
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: pressurizer
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add., Code Case: n/a  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-NMO-153						
WEDGE	ASTM A182 F XM-19	VELAN	EXISTING	N/A	MODIFIED DRILLED	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A  
 NDE: PT Pressure: psi Test Temperature F.

Description of work: **DRILLED HOLE IN WEDGE PER DCP 181. PT PERFORMED IN AREA OF DRILLED HOLE**

Job Order/File: C50587-04 ISI Class 1**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-13-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 11/29/99 to 9-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: Sept 13 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 12-3-99  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C50917-01  
One Cook Place, Bridgman, MI 49106 Component# 2-CTS-131W
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CTS-131W						
ROD, THREADED 3/4 IN 10 UNC	ASME SA453 GRADE 660		M & E 30-212295 ASP 19160	N/A	REPLACED	NO
NUT, HEX 3/4 IN 10 UNC	ASME SA194 GR 8F		M & E 30212100 ASP 21310	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure N/A  
 NDE: NONE Pressure: psi Test Temperature F.

Description of Work: REPLACED EXISTING CARBON STEEL BOLTING WITH CORRECT STAINLESS STEEL BOLTING MATEREIAL AS PER THE PIPING DESIGN TABLES.  
 NO PMT REQUIRED, AS THIS SECTION OF PIPING DOES NOT SEE ANY PRESSURE OR FLOW.

Job Order/File: C50917-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: *Devin G. Gagnier* MAINT. SUPERV. WELDING Date 9-2-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 10-15-97 to 9-4-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,  
 Section XI

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

*Michael Doss*  
 Inspector's Signature

Commissions MICH D055, END N&I  
 National Board, State, Province, Endorsements

Date: SEPT 4 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 1-12-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C51050-02  
One Cook Place, Bridgman, MI 49106 Component# 2-QRV-251
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CHARGING (CVCS)
5. (a) Applicable Construction Code: ASME SECT. III-1986. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-QRV-251						
VALVE BODY	ASTM A-351 GR. CF8M (316)	DRESSER	EXISTING	N/A	REPAIRED	NO
TRIM ASSEMBLY	ASTM A-276 TP 316	DRESSER	M & E 30-036160 ASP 22033	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure N/A  
 NDE: VT/PT FOLLOWING MACHING. Pressure: psi                      Test Temperature                      F.

**Description of Work:** RESTORED THE VALVE GASKET SEATING SURFACE BY MACHINING OF WELD BUILD UP METAL (PERFORMED IN ACT-03). MACHINED DOWN BUILT UP AREA ( WITH A TOL. OF +.003/- .000 )  
 REPLACED VALVE TRIM ASSEMBLY WITH NEW ASSEMBLY.

Job Order/File: C51050-02

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned: Donna J. Jones managing welding Date 9-8-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FMIC OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 12-6-99 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MR. M. J. Jones Commissions MICH 0055, ENCL N&E  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 9 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 1-7-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C51050-03  
One Cook Place, Bridgman, MI 49106 Component# 2-QRV-251
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CHARGING (CVCS)
5. (a) Applicable Construction Code: ASME-SECT.III 1986 Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-QRV-251						
VALVE BODY	ASTM A-351 GR. CF8M (316)	DRESSER INDUSTRIES, MASONEILAN INTERNATIONAL	EXISTING	N/A	REPAIRED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure N/A

NDE: VT /PT OF EXCAVATION / VT/PT FOLLOWING MACHING.

ACC. CRITERIA PER ASME SEC. III 1986 ED.

Pressure: psi                      Test Temperature                      F.



**Description of Work:** REMOVED SURFACE IMPERFECTIONS BY RECONSTRUCTION OF THE GASKET SEATING SURFACE BY APPLICATION OF WELD METAL. A PT INSPECTION OF THE MACHINED/EXCAVATED/WELDED AREA WAS PERFORMED BY QC (SAT) IN ACT-02 OF JO.

**Job Order/File:** C51050-03

**ISI Class** 2

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Dwight Harris MAINT Super Welding Date 9-2-00  
Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 10-12-99 to 9-4-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

W.R. Montgomery Commissions MICHIGAN, END N&E  
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 4 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 12-8-99  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C51571-01  
One Cook Place, Bridgman, MI 49106 Component# 2-STN-42W
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-STN-42W						
ROD, THREADED 1-3/8 IN 8UN	ASME SA453 GRADE 660		M & E 30-212317 ASP 15984	N/A	REPLACED	NO
NUTS, HEX 1-3/8 IN - 8UN	ASME SA-194 GRADE 8F		M & E 30-047350 ASP'S 10636 (15), 12362 (13) & 19729 (12)	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure N/A  
 NDE: NONE Pressure: psi Test Temperature F.

Description of Work: ERFORMED STUD CHANGEOUT USING NEW STUDS & NUTS.  
ONE FOR ONE BOLT CHANGE OUT. NO PMT REQUIRED.

Job Order/File: C51571-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp RMCertificate of Authorization No. RM Expiration Date RMSigned: Ralph J. Jones Owner's Designee Date 9-1-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 12/1/99 to 8/26/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

Section XI

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

MA Mataranga Commissions MIC 6055, END N&I  
Inspector's Signature National Board, State, Province, Endorsements

Date: August 28<sup>th</sup> 9/2 18 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 1-7-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C51730-02  
One Cook Place, Bridgman, MI 49106 Component# 2-IMO-330
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: REFUELING WATER STORAGE TANK SUPPLY
5. (a) Applicable Construction Code: ASME SECT. III 1986 Ed. NO Add., Code Case: N/A  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-IMO-330						
DISC	SA351-GR. CF8M	ANCHOR DARLING	M & E 30-033708 <del>ASP 13878</del> <i>2-7-2000</i> <b>EXISTING</b>	N/A	REPAIRED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure N/A  
NDE: PT Pressure: psi Test Temperature \_\_\_\_\_ F.

**Description of Work: MACHNED WEDGE TO DIMENSIONS SUPPLIED BY  
MANUFACTURER, AS PER DCP 181 ATTCHMENT 3**

Job Order/File: C51730-02ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-12-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FMIC of Johnston R.I.

have inspected the components described in this Owner's Report during the period 11-14-99 to 9-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: Sept 13 18 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 1-7-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C51731-02  
One Cook Place, Bridgman, MI 49106 Component# 2-IMO-331
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: REFUELING WATER STORAGE TANK SUPPLY
5. (a) Applicable Construction Code: ASME SECT. III 1986 Ed. NO Add., Code Case: N/A  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-IMO-331						
DISC	SA351-GR. CF8M	ANCHOR DARLING	M & E 30-033708 ASP13878	N/A	REPAIRED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure N/A  
NDE: PT \_\_\_\_\_ Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

**Description of Work: MACHNED WEDGE TO DIMENSIONS SUPPLIED BY  
MANUFACTURER, AS PER DCP 181 ATTCHMENT 3**

Job Order/File: C51731-02ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons welding supervisor Date 9-12-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by FMIC of Johnston R.I.

have inspected the components described in this Owner's Report during the period 11/22/99 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Mick M. Murrain Commissions MICH 0055, ENR NSE  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 12 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 1-11-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C51745-03  
One Cook Place, Bridgman, MI 49106 Component# 2-IRV-310
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code: ASME SECT. III 1986 NO Add. Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-IRV-310						
KIT HD METAL BALL SEAL	SEAL PROT. RING SA 351, CF8M BALL SEAL A743, CF10SMNN	FISHER, V100 8 INCH BALL VALVE	M & E 30-038980 ASP 20032	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure N/A  
 NDE: IN-SERV VT-2 Pressure: psi Test Temperature \_\_\_\_\_ F.

**Description of Work:** VALVE WAS DISASSEMBLED AND REFUEBISHED  
USING NEW PARTS.

AN IN-SERVICE VT-2 WAS PERFORMED IN ACT 10 (SAT).



Job Order/File: C51745-03

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned: [Signature] Owner's Supv. Welding Date 9-7-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by FMIC OF JOHNSTON, RI

have inspected the components described in this Owner's Report during the period 1-4-00 to 9-7-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

[Signature]  
Inspector's SignatureCommissions MI. F62 NBI  
National Board, State, Province, EndorsementsDate: Sept. 7 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 01-05-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C51807-03 ~~REH~~  
One Cook Place, Bridgman, MI 49106 Component# 2-ARH-R-826
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-ARH-R-826						
Existing steel Support member	ASME A-36	N/a	Existing	N/a	Repaired	N/a

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure N/A  
 NDE: VT/MT weld repair Pressure: psi Test Temperature F.

**Description of Work: ADJACENT TUBING HAD DETERIORATED A SECTION OF A PIPE SUPPORT MEMBER WHICH WAS REPAIRED BY THE ADDITION OF WELD METAL AND GROUND TO AN ACCEPTABLE SURFACE CONFIGURATION.**

Job Order/File: C51807-03ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, Welding supervisor Date 9-2-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 12-22-99 to 7-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Michael J. Timmons Commissions MICH 0055 END N.E.I.  
 Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 5 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 01-09-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C52075-02  
One Cook Place, Bridgman, MI 49106 Component# 2-STN-42E
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Residual Heat Removal
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: none  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-STN-42E						
Bolts	SA-453 gr.660 1-3/8"(qty. 20)	N/A	P.O.# :00-016612 ASP#:22064	N/A	Replaced	N/A
Nuts	SA-194 gr. 8F (qty.40)	N/A	P.O.#: 00-016613 ASP#: 22064	N/A	Replaced	N/A

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A ☒ NDE: \_\_\_\_\_ Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

Description of Work: Upon disassembly of the strainer, incorrect fasteners were discovered & replaced with the correct fasteners according to the applicable material specifications.

Job Order/File: C52075-02 ISI Class 2**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in the report are correct and this repair and/or 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: Dwight J. Lyons manit Supv. welding Date 9-2-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 12-22-99 to 9-4-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: SEPT 4 18 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 12-24-99  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C52239-04  
One Cook Place, Bridgman, MI 49106 Component# 2-SV-1A-1
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: MAIN STEAM
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-SV-1A-1						
ROD, THREADED 1-3/8 IN 8 UN	ASME SA-193 GR B7		M & E 30-211680 ASP 20094	N/A	REPLACED	NO
NUT 7/8 IN 9 UNC	ASME SA194 GR 2H HEAVY		M & E 30-211900 ASP 15684	N/A	REPLACED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a  
 NDE: n/a Pressure: psi n/a Test Temperature n/a F.

Description of Work: Fasteners were replaced on the safety valve upon  
reinstallation of an "off site" refurbishment by vendor.

Job Order/File: C52239-04

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned: Dewayne Timmons, welding supervisorDate 9-2-00

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 12-22-99 to 9-4-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M. A. McIntosh  
Inspector's Signature

Commissions

MICROSS, GND NBI

National Board, State, Province, Endorsements

Date: SEPT 4 19 2000

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

222 of 465

NIS-2-344-00

Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address  
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address  
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date July 24, 2000  
Sheet 1 of 3  
Unit # 2  
C52305 A02 and A03  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Containment Spray ASME CODE CLASS 2  
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 1989  
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2" Pipet 3000#	PO# 66371-042-8g	ASP# 20565	N/A	SA182 Gr 304	N/A	Replacement	No
1-1/4" Pipet 3000# threaded	Temp M&E# 00-013888	ASP# 21665	N/A	A182 97c F304	N/A	Replacement	No
1" Pipet 3000# Threaded	Temp M&E# 00-013886	ASP# 21617	N/A	A182 97c F304	N/A	Replacement	No
1-1/4" Pipet 3000# Threaded	Temp M&E# 00-013888	ASP# 21617	N/A	A182 97c F304	N/A	Replacement	No
Spray Nozzle Spraco 1713A	Temp M&E# 00-008069	ASP# 21851	N/A	A351 Gr CF8	N/A	Replacement	No
Pipe 1" Sch 40 Stainless	M&E# 30-016708	ASP# 20377	N/A	SA312 Gr TP304	N/A	Replacement	No
Pipe Elbow 90 1" 3000# Stainless	M&E# 30-016995	ASP# 18467	N/A	SA182 Gr F304	N/A	Replacement	No
Plug Pipe Threaded 2" Stainless	Temp M&E# 00-013887	ASP# 21617	N/A	A182-98 Gr F304	N/A	Replacement	No

7. Description of work Add access to Containment Spray Header drill holes, install pipets, remove nozzles, install pipe plugs and reinstall nozzles

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

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



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[illegible]

## FORM NIS-2 (Back)

## Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JO: C52305 A02 and A03      Design Change: 2-DCP-903Repair/Replacement Traveler: C52305 A02      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/A

Signed Conrad V Reid, Senior Planner Date July 24, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 10/13/99 to 9-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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. Mutsaers Commissions MICH0055, END N&I  
Inspector's Signature National Board, State, Province, Endorsements

Date September 2 2000

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

225 of 465

NIS-2-410-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date September 12, 2000

Sheet 1 of 2

Unit 2

C52324-01  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Auxiliary Feedwater ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-FFI-240 1-1/8" Heavy Hex Nut	M&E# 30-211920	ASP # 21566	N/A	SA194 Gr 2H	N/A	Replacement	No
1-1/8" All hread Rod	M&E # 30-211655	ASP # 21633	N/A	SA 193 Gr B7	N/A	Replacement	No

7. Description of work. Adjust Flange bolts to provide clearance to adjacent steel; replace damaged bolts.

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

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

## FORM INS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref JOA: C52324-01

Repair / Replacement C52324-01

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/A

Signed Conrad V Reid, Senior Planner Date September 12, 20 00  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 3-3-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date Sept 12 20 00

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

As Required by the Provisions of the ASME Code Section XI

NIS-2-312-00

1. Owner AMERICAN ELECTRIC POWER COMPANYDate 06/30/00

Name

P.O. Box 60 Fort Wayne, IN 46801Sheet 1 of 2

Address

2. Plant D.C. COOK NUCLEAR POWER PLANTUnit # 2

Name

One Cook Place, Bridgman, MI 49106

Address

3. Work Performed by Installation ServicesC52377-08 (Fab) 14 (Install)

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Name

Authorization No. N/ASame as #2Expiration Date N/A

Address

4. Identification of System Boron InjectionASME CODE CLASS 15. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-SI-141-L1 1-1/2" elbow 90 6000#	M&E# 30-017263	ASP# 17106	N/A	SA182 Gr F-304	N/A	Replacement	N/A
2-SI-141-L1 1/2" Valve	Temp M&E# 00-013646	ASP# 21930	N/A	Body SA182 Gr F316	N/A	Replacement	N/A
2-SI-141-L1 1-1/2" Pipe Sch160	M&E 30-016811	ASP# 2985	N/A	SA376 Gr TP-304	N/A	Replacement	N/A
2-RO-724 Restricting Orifice	Temp M&E# 00-013378	ASP# 21874	N/A	Body SA479 Gr TP316	N/A	Replacement	N/A
2-SI-141-L1 1-1/2" Elbow 90 6000#	M&E# 30-017263	ASP# 21715	N/A	SA182 Gr F-304	N/A	Replacement	N/A
2-SI-141-L1 1-1/2" Pipe Coupling	M&E 30-17244	ASP# 1127	N/A	SA182 Gr F304	N/A	Replacement	N/A

7. Description of work 2-DCP-558 Install Valve and Orifice for SI-141-L1

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

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

## FORM NIS-2 (Back)

## Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C52377-08 &amp; 14 Design Change: 2-DCP-558

Repair/Replacement Plan: C52377-14 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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date June 30, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 12-20-99 to 7-10-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 NB9030, Mich 0055, "E-2 R & I"  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 10 2000

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

As Required by the Provisions of the ASME Code Section XI

NIS-2-313-00

1. Owner AMERICAN ELECTRIC POWER COMPANYDate 07/03/00

Name

P.O. Box 60 Fort Wayne, IN 46801Sheet 1 of 2

Address

2. Plant D.C. COOK NUCLEAR POWER PLANTUnit # 2

Name

One Cook Place, Bridgman, MI 49106

Address

3. Work Performed by Installation ServicesC52377-09 (Fab) 15 (Install)

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/A

Name

Same as #2

Address

4. Identification of System Boron InjectionASME CODE CLASS 15. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. 416-1 Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-SI-141-L2 1-1/2" elbow 90 6000#	M&E# 30-017263	ASP# 21715	N/A	SA182 Gr F-304	N/A	Replace- ment	N/A
SI-141-L2 1-1/2" Globe Valve	Temp M&E# 00-013646	ASP# 21930	N/A	Body SA 182 Gr F316	N/A	Replace- ment	N/A
2-SI-141-L2 1-1/2" Pipe Sch160	M&E 30-016811	ASP# 2985	N/A	SA376 Gr TP-304	N/A	Replace- ment	N/A
2-RO-725 Restricting Orifice	Temp M&E# 00-013378	ASP# 21874	N/A	Body SA 479 GR TP-316	N/A	Replace- ment	N/A
2-SI-141-L2 1-1/2" Pipe Coupling	M&E 30-17244	ASP# 1127	N/A	SA182 Gr F304	N/A	Replace- ment	N/A

7. Description of work 2-DCP-558 Install Valve and Orifice for SI-141-L2

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

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

## FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JO: C52377-09 & 15      Design Change: 2-DCP-558Repair/Replacement Plan: C52377-15    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/ACertificate of Authorization No. N/A      Expiration Date N/A

Signed Conrad V Reid, Senior Planner      Date June 30, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 12-16-99 to 7-6-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 P. Muterbaugh      Commissions NR 7030, Mich 0055, ENR NIT  
 Inspector's Signature      National Board, State, Province, Endorsements

Date July 6 <sup>th</sup> 2000



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

NIS-2-314-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name

P.O. Box 60 Fort Wayne, IN 46801

Address

2. Plant D.C. COOK NUCLEAR POWER PLANT

Name

One Cook Place, Bridgman, MI 49106

Address

3. Work Performed by Installation Services

Name

Same as #2

Address

Date 06/30/00

Sheet 1 of 2

Unit # 2

C52377-10 (Fab) 16 (Install)

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Boron Injection

ASME CODE CLASS 1

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-SI-141-L3 1-1/2" elbow 90 6000#	M&E# 30-017263	ASP# 17106	N/A	SA182 Gr F-304	N/A	Replacement	N/A
2-SI-141-L3 1-1/2" Valve	Temp M&E# 00-013646	ASP# 21930	N/A	Body SA182 Gr F316	N/A	Replacement	N/A
2-SI-141-L3 1-1/2" Pipe Sch160	M&E 30-016811	ASP# 2985	N/A	SA376 Gr TP-304	N/A	Replacement	N/A
2-RO-726 Restricting Orifice	Temp M&E# 00-013378	ASP# 21874	N/A	Body SA479 Gr TP316	N/A	Replacement	N/A
2-SI-141-L3 1-1/2" Pipe Coupling	M&E 30-17244	ASP# 1127	N/A	SA182 Gr F304	N/A	Replacement	N/A
2-SI-141-L3 1-1/2" elbow 90 6000#	M&E# 30-017263	ASP# 21715	N/A	SA182 Gr F-304	N/A	Replacement	N/A

7. Description of work 2-DCP-558 Install Valve and Orifice for SI-141-L3

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

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

## FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JO: C52377-10 & 16      Design Change: 2-DCP-558Repair/Replacement Plan: C52377-16    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/ACertificate of Authorization No. N/A      Expiration Date N/A

Signed Conrad V Reid Senior Planner      Date June 30, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 12-20-99 to 7-6-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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. Matuszanski Commissions NB 9030, Mich 0055, End NFI  
 Inspector's Signature      National Board, State, Province, Endorsements

Date July 6 15 2000

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

NIS-2-315-00

1. Owner AMERICAN ELECTRIC POWER COMPANYDate 06/30/00

Name

P.O. Box 60 Fort Wayne, IN 46801Sheet 1 of 2

Address

2. Plant D.C. COOK NUCLEAR POWER PLANTUnit # 2

Name

One Cook Place, Bridgman, MI 49106

Address

3. Work Performed by Installation ServicesC52377-11 (Fab) 17 (Install)

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Name

Authorization No. N/ASame as #2Expiration Date N/A

Address

4. Identification of System Boron InjectionASME CODE CLASS 15. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-SI-141-L4 1-1/2" Valve	Temp M&E# 00-013646	ASP# 21930	N/A	Body SA182 GR F316	N/A	Replacement	N/A
2-SI-141-L4 1-1/2" Pipe Sch160	M&E 30-016811	ASP# 2985	N/A	SA376 Gr TP-304	N/A	Replacement	N/A
2-RO-727 Restricting Orifice	Temp M&E# 00-013378	ASP# 21874	N/A	Body SA479 GR TP316	N/A	Replacement	N/A

7. Description of work 2-DCP-558 Install Valve and Orifice for SI-141-L4

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

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

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C52377-11 & 17 Design Change: 2-DCP-558

Repair/Replacement Plan: C52377-17 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 Conrad V Reid, Senior Planner Date June 30, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 12-20-99 to 7-6-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 NB 9030, Mich 0055, END NFI  
Inspector's Signature National Board, State, Province, Endorsements

Date July 6 15 2000

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

NIS-2-316-00

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1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 06/30/00

Sheet 1 of 2

Unit # 2

C52377-12 (Fab) 18 (Install)  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Boron Injection ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-SI-121-N 2" Valve	Temp M&E# 00-013647	ASP# 21930	N/A	Body SA182 Gr F316	N/A	Replace- ment	N/A
SI-141-L4 2" Pipe Sch160	M&E 30-016812	ASP# 7762	N/A	SA376 Gr TP-304	N/A	Replace- ment	N/A
2-RO-722 Restricting Orifice	Temp M&E# 00-013377	ASP# 21874	N/A	Body SA479 Gr TP316	N/A	Replace- ment	N/A
2-SI-141-L4 2" Pipe Coupling 6000#	M&E 30-017245	ASP# 7539	N/A	SA182 Gr F-304	N/A	Replace- ment	N/A
2-SI-121-N 4"x2" Sch 120 x 160 Conc Red	Temp M&E# 00-014425	ASP# 21804	N/A	SA403 Gr WP316	N/A	Replace- ment	N/A
2-SI-141-L4 2" Pipe Elbow 45	M&E 30-017255	ASP# 7806	N/A	SA182 Gr F-304	N/A	Replace- ment	N/A

7. Description of work 2-DCP-558 Install Valve and Orifice for SI-141-L4

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

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

## FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JO: C52377-12 & 18      Design Change: 2-DCP-558Repair/Replacement Plan: C52377-18      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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date June 30, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 12-20-99 to 7-6-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 D. Whitcomb Commissions NB 5030, Mich 0035, ENR NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 6 <sup>am</sup>18 2000

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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

NIS-2-317-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 06/30/00

Sheet 1 of 2

Unit # 2

C52377-13 (Fab) 19 (Install)  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Boron Injection ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-SI-121-S 2" Valve	Temp M&E# 00-013647	ASP# 21930	N/A	Body SA182 Gr F316	N/A	Replace- ment	N/A
-SI-121-S " Pipe Sch160	M&E 30-016812	ASP# 7762	N/A	SA376 Gr TP-304	N/A	Replace- ment	N/A
2-RO-723 Restricting Orifice	Temp M&E# 00-013377	ASP# 21874	N/A	Body SA479 Gr TP316	N/A	Replace- ment	N/A
2-SI-121-S 1" Pipe Elbow 90 6000#	M&E 30-017262	ASP# 20169	N/A	SA182 Gr F-304	N/A	Replace- ment	N/A
2-SI-121-S 4"x1" Sockolet 6000#	Temp M&E# 00-014424	ASP# 21804	N/A	SA 182 Gr F304	N/A	Replace- ment	N/A
2-SI-121-S 4"x2" Sch 120 x 160 Conc Red	Temp M&E# 00-014425	ASP# 21804	N/A	SA 403 Gr WP316	N/A	Replace- ment	N/A
2-SI-121-S 1" Pipe Sch 160	M&E 30-016809	ASP# 21810	N/A	SA376 Gr TP-304	N/A	Replace- ment	N/A

7. Description of work 2-DCP-558 Install Valve and Orifice for SI-121-S

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

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

## FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C52377-13 &amp; 19 Design Change: 2-DCP-558

Repair/Replacement Plan: C52377-19 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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date June 30, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 12-20-99 to 7-6-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. Thompson Commissions Mich 0055, NB 7030, ENR N/A  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 6 25 2000



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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 3-15-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C52381-01  
One Cook Place, Bridgman, MI 49106 Component# 2-DW-163N
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTROL ROOM AIR CONDITIONING CHILL WATER
5. (a) Applicable Construction Code: ASME SEC. III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-DW-163N						
DISC, MALE	SA-351-CF8	CRANE CO	M & E 30-033742 ASP 13952	N/A	REPLACED	NO
DISC, FEMALE	SA-351-CF8	CRANE CO	M & A 30-033743 ASP 13952	N/A	REPLACED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a  
NDE: n/a Pressure: psi Test Temperature F.

**Description of Work:** Disassembled valve and inspected, blue check of valve disc failed, replaced disc's with new.

**Job Order/File:** C52381-01

**ISI Class** 3

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Bewayne Timmons, welding Supervisor Date 9-9-00  
Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 2-14-00 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Mick Doss Commissions Mick Doss, ENR NFI  
Inspector's Signature National Board, State, Province, Endorsements

Date: 9/9 19 2000

**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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NIS-2-298-00

- Owner AMERICAN ELECTRIC POWER COMPANY Date 06/09/00  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 4  
Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #2  
Name  
One Cook Place, Bridgman, MI 49106 C52477-07  
Address Repair Org. P.O. No., Job No., etc  
 3. Work Performed by Installation Services Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address
4. Identification of System: (East) Containment Spray Pump ASME CODE CLASS 2  
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component Dwg. 2-CTS-13 Sht. 1	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
Reducing Tee 10"x 10"x 6" Sch. 40 SS	Temp. M&E # 00-014385	ASP# 21740	N/A	SA 403 GR.WP304	N/A	Replace- ment	N/A
Dwg. 2-CTS-13 Sht. 2							
6" Orifice Pl. 3/8" Tk.	P.O.# 66708- 042-8	ASP# 20943	N/A	SA 240 TP304	N/A	Replace- ment	N/A
6" SS Pipe Sch. 40	Temp. M&E # 00-014381	ASP# 21740	N/A	SA 312 Gr.TP-304	N/A	Replace- ment	N/A
6" 90 Elbow Sch. 40 SS	Temp. M&E # 00-014382	ASP# 21740	N/A	SA 403 Gr.TP-304	N/A	Replace- ment	N/A
6" 300# BW Gate Valve SS	Temp. M&E# 00-010241	ASP# 21685	N/A	Crane Model# 2355 12H-CF8M-WE	N/A	Replace- ment	N/A
6" 300# BW Globe Valve SS	Temp. M&E# 00-010242	ASP# 21685	N/A	Crane Model# 361- 12H-CF8M-WE	N/A	Replace- ment	N/A
6" 300# BW RF Sch. 40 Flange SS	Temp. M&E # 00-014384	ASP# 21740	N/A	SA 182 Gr.F304	N/A	Replace- ment	N/A
3/4" Rod Class "A"	M&E # 30-212295	ASP# 19160	N/A	SA 453 Gr.660	N/A	Replace- ment	N/A

7. Description of Work : Install the Unit #2 East CTS test loop piping and supports per design drawings for DCP-265.

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

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

**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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NIS-2-298-00

1. Owner AMERICAN ELECTRIC POWER COMPANY

Date 06/09/00

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

Sheet 2 of 4

2. Plant D.C. COOK NUCLEAR POWER PLANT

Unit #2

Name  
One Cook Place, Bridgman, MI 49106

C52477-07

3. Work Performed by Installation Services

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Name

Authorization No. N/A

Same as #2

Expiration Date N/A

Address

4. Identification of System: (East) Containment Spray Pump ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
3/4" Heavy Hex nuts	M&E # 30-212100	ASP# 21871	N/A	SA 194 GR.8F	N/A	Replace- ment	N/A
Fig. 2-SI-8 Sht. 1							
Reducing Tee 12"x 12"x 6" Sch. 40	Temp. M&E# 00-014386	ASP# 21740	N/A	SA 403 GR.WP304	N/A	Replace- ment	N/A
2-ACTS-R4004 Sht. 1 thru 3							
6" Pipe Sch. 40 SS	Temp. M&E # 00-014381	ASP# 21740	N/A	SA 312 Gr.TP304	N/A	Replace- ment	N/A
Steel Plate 1"x 20"x 20"	M&E# 30-153214	ASP# 21499	N/A	ASTM A36-91	N/A	Replace- ment	N/A
1" x 12"lg. HKB II	M&E# 30-046288	ASP# 14640	N/A	Hilti Kwik Bolt	N/A	Replace- ment	N/A
2-ACTS-R4005 Sht. 1 thru 3							
Steel Angle 4"x 4"x 3/8"	M&E # 30-153034	ASP# 11779	N/A	ASTM A36-90	N/A	Replace- ment	N/A

7. Description of Work : Install the Unit #2 East CTS test loop piping and supports per design drawings for DCP-265.

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

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

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

As Required by the Provisions of the ASME Code Section XI

NIS-2-298-00

2430F 465

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 06/09/00  
Sheet 3 of 4  
Unit #2  
C52477-07  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System: (East) Containment Spray Pump ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-ACTS-R4005 Sht.1 thru 3							
Steel Plate 1/4"x 48"x 8"	M&E# 30-153217	ASP# 20802	N/A	ASTM A36-91	N/A	Replace- ment	N/A
3/4"x 7"lg. HKB II	M&E# 30-046279	ASP# 14549	N/A	Hilti Kwik Bolt	N/A	Replace- ment	N/A
5/8" x 6" Grinnell Fig.137N U-Bolt	M&E # 30-024124	ASP# 20611	N/A	ASME III NF 1974 thru 1986	N/A	Replace- ment	N/A

7. Description of Work : Install the Unit #2 East CTS test loop piping and supports per design drawings for DCP-265.

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

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

## FORM NIS-2 (Back)

9. Remarks : VT-2 System leakage test per Code Case N-416-1 ( See C52477-28 )  
Applicable Manufacturer's Data Reports to be attached

Repair/Replacement Traveler: C52477-07 ISI Class: 2

JOA C52477-07 Design Change: 12-DCP-265

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James Ponton  
James Ponton, Senior Planner  
 Owner or Owner's Designee, Title

Date 7/10/00 19

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by Factory Mutual Insurance Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 11-15-99 to 7-17-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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. Minterbaugh Commissions NB9030, Mich 055, END N&I  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 17 15 2000

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

As Required by the Provisions of the ASME Code Section XI

245 &amp; 465

NIS-2-299-00

- Owner AMERICAN ELECTRIC POWER COMPANY Date 06/12/00  
 Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 4  
 Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #2  
 Name  
One Cook Place, Bridgman, MI 49106 C52480-07  
 Address  
 3. Work Performed by Installation Services Repair Org. P.O. No., Job No., etc  
 Name  
Same as #2 Type Code Symbol Stamp N/A  
 Authorization No. N/A  
 Expiration Date N/A  
 Address
4. Identification of System: (WEST) Containment Spray Pump ASME CODE CLASS 2  
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component Dwg. 2-CTS-10 Sht. 1 of 2	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
Reducing Tee 10"x 10"x 6" Sch. 40 SS	Temp. M&E # 00-014385	ASP# 21740	N/A	SA 403 GR.WP304	N/A	Replace- ment	N/A
Dwg. 2-CTS-10 Sht. 2 of 2							
6" Orifice Pl. 3/8" Tk.	P.O.# 66708- 042-8	ASP# 20943	N/A	SA 240 TP304	N/A	Replace- ment	N/A
6" SS Pipe Sch. 40	Temp. M&E # 00-014381	ASP# 21740	N/A	SA 312 Gr.TP-304	N/A	Replace- ment	N/A
6" 90 Elbow Sch. 40 SS	Temp. M&E # 00-014382	ASP# 21740	N/A	SA 403 Gr.TP-304	N/A	Replace- ment	N/A
6" 300# BW Gate Valve SS	Temp. M&E# 00-010241	ASP# 21685	N/A	Crane Model# 2355 12H-CF8M-WE	N/A	Replace- ment	N/A
6" 300# BW Globe Valve SS	Temp. M&E# 00-010242	ASP# 21712	N/A	Crane Model# 361- 12H-CF8M-WE	N/A	Replace- ment	N/A
6" 300# BW RF Sch. 40 Flange SS	Temp. M&E # 00-014384	ASP# 21740	N/A	SA 182 Gr.F304	N/A	Replace- ment	N/A
3/4" Rod Class "A"	M&E # 30-212295	ASP# 19160	N/A	SA 453 Gr.660	N/A	Replace- ment	N/A

7. Description of Work : Install the Unit #2 West CTS test loop piping and supports per design drawings for DCP-265.

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

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

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

As Required by the Provisions of the ASME Code Section XI

246 of 465

NIS-2-299-00

- Owner AMERICAN ELECTRIC POWER COMPANY Date 06/12/00  
 Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 2 of 4  
 Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #2  
 Name  
One Cook Place, Bridgman, MI 49106 C52480-07  
 Address  
 3. Work Performed by Installation Services Repair Org. P.O. No., Job No., etc  
 Name Same as #2 Authorization No. N/A  
 Address Expiration Date N/A  
 4. Identification of System: (West) Containment Spray Pump ASME CODE CLASS 2  
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
3/4" Heavy Hex nuts	M&E # 30-212100	ASP# 21871	N/A	SA 194 GR.8F	N/A	Replace- ment	N/A
6" 45 Deg. bow SS Sch.40	Temp. M&E # 00-014383	ASP# 21740	N/A	SA 403 Gr.WP304	N/A	Replace- ment	N/A
2-SI-7 Sht.2 of 2							
Reducing Tee 12"x 12"x 6" Sch.40	Temp. M&E# 00-014386	ASP# 21740	N/A	SA 403 GR.WP304	N/A	Replace- ment	N/A
2-ACTS-R4002 Sht.1 thur 3							
6" Pipe Sch.40 SS	Temp. M&E # 00-014381	ASP# 21740	N/A	SA 312 Gr.TP304	N/A	Replace- ment	N/A
Steel Plate 1"x 20"x 20"	M&E# 30-153214	ASP# 21499	N/A	ASTM A36-91	N/A	Replace- ment	N/A
1" x 12"lg. HKB II	M&E# 30-046288	ASP# 14640	N/A	Hilti Kwik Bolt	N/A	Replace- ment	N/A
2-ACTS-R4003 Sht.1 thru 3							
Steel Angle 4"x 4"x 3/8"	M&E # 30-153034	ASP# 11779	N/A	ASTM A36-90	N/A	Replace- ment	N/A

7. Description of Work : Install the Unit #2 West CTS test loop piping and supports per design drawings for DCP-265.

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

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



## 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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NIS-2-299-00

- Owner AMERICAN ELECTRIC POWER COMPANY Date 06/12/00  
 Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 3 of 4  
 Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit #2  
 Name  
One Cook Place, Bridgman, MI 49106 C52480-07  
 Address  
 3. Work Performed by Installation Services Repair Org. P.O. No., Job No., etc  
 Name Same as #2 Type Code Symbol Stamp N/A  
 Authorization No. N/A  
 Expiration Date N/A  
 Address
4. Identification of System: (West) Containment Spray Pump ASME CODE CLASS 2  
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-ACTS-R4003 Sht.1 thru 3							
Steel Plate 3/4" x 48" x 3"	M&E # 30-153217	ASP# 20802	N/A	ASTM-A36-91	N/A	Replacement	N/A
2-SI-7 Sht.2 of 2							
3/4" x 7"Lg. HKB II	M&E# 30-046279	ASP# 14398	N/A	Hilti Kwik Bolt	N/A	Replacement	N/A
5/8" x 6"Lg. Grinnell Fig.137N U-Bolt	M&E# 30-024124	ASP# 20611	N/A	ASTM III NF 1974 thru 1986	N/A	Replacement	N/A

7. Description of Work : Install the Unit #2 West CTS test loop piping and supports per design drawings for DCP-265.

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

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

## FORM NIS-2 (Back)

Remarks : VT-2 System leakage test per Code Case N-416-1 ( See C52480-28 )  
Applicable Manufacturer's Data Reports to be attached

Repair/Replacement Traveler: C52480-07 ISI Class: 2

JOA C52480-07 Design Change: 12-DCP-265

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed James Ponton  
James Ponton, Senior Planner  
 Owner or Owner's Designee, Title

Date 7/10/80 9th  
29

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by Factory Mutual Insurance Co. of Johnston, R.I. 02919  
 Have inspected the components described in this Owner's Report during the period 15-89 to 7-24-80, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 Montrosspaul Commissions Mich 0055, End N&T  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 24 15 2000

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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

NIS-2-405-00

1. Owner AMERICAN ELECTRIC POWER COMPANY

Date Sep. 5, 00

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

Sheet 1 of 2

Address

2. Plant D.C. COOK NUCLEAR POWER PLANT

Unit 2

Name

One Cook Place, Bridgman, MI 49106

C52480-31

Address

3. Work Performed by Installation Services

Repair Org. P.O. No., Job No., etc

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

ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
TS 3x3x1/4"	M&E # 30-150169	ASP # 22500	N/A	A500 1990	N/A	Replacement	No
Plate 1/2"	M&E # 30-153148	ASP # 20280	N/A	A36 1991	N/A	Replacement	No
Plate 1/2"	M&E # 30-153193	ASP # 22277	N/A	A-36-93A	N/A	Replacement	No
Hilti Bolts 1/2"	M&E # 30-046270	ASP # 21944	N/A	KB II 12-512	N/A	Replacement	No
Plate 1/2"	M&E # 30-153172	ASP # 12776	N/A	A-36-91	N/A	Replacement	No
U-Bolt 5/8" x 6"	M&E # 30-024124	ASP # 22461	N/A	Fig # 137N	N/A	Replacement	No
Plate 3/8"	M&E # 30-153141	ASP # 21893	N/A	A-36-90	N/A	Replacement	No

7. Description of work. Fabricate and install pipe support 2-ACTS-R4007 as per 12-DCP-265.

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

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

## FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JOA: C52480-31Design Change 12-DCP-265Repair / Replacement Plan C52480-31ISI 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 Conrad V Reid, Senior PlannerDate 09/05, 2000Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 3-27-00 to 9-6-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 SignatureCommissions Mi. 762 NBINational Board, State, Province, EndorsementsDate Sept. 6 2000

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

251 of 465

NIS-2-411-00

- Owner AMERICAN ELECTRIC POWER COMPANY Date September 13, 2000  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2  
Name  
One Cook Place, Bridgman, MI 49106 C52486-01, 02, 03  
Address Repair Org. P.O. No., Job No., etc  
 3. Work Performed by Installation Services 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 ASME CODE CLASS 1  
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-SV-45C	M&E# 30-036392 ASP# 18905	N56499 -01- 0009	N/A	Style HB-BP-86- E 6M6	N/A	Replaced	No

7. Description of work Removed and Replaced Valve 2-SV-45C per Condition Report 99-04280-6. Job Order C52486-02 had no work performed and was Admin Closed.

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO. C52486-01, 03, 03 Design Change: N/A

Repair/Replacement Traveler: C52486-01, 02, 03 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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date September 13, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 11-15-99 to 9-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Date Sept 13 20.00

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 10-30-99  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C52534-10  
One Cook Place, Bridgman, MI 49106 Component# 2-VCR-21
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: ICE CONDENSER VENTILATION
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add. Code Case: NONE  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-VCR-21						
NUT, HEX ½-13 UNC	ASME SA-194 GR. 2H		M & E 30-211860 ASP 15684	N/A	REPLACED	NO
BOLT 1/2X1-3/4 IN UNC	ASTM A307-89 GR-A		M&E 30-048057 ASP 13414	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: VT2 FUNCTIONAL Pressure: psi Test Temperature \_\_\_\_\_ F.

Description of Work: Valve bonnet nuts replaced with new ones.

Job Order/File: C52534-10ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned Donna J. Simpson Maint. Supv. Wellnig Date 9-4-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 10/29/99 to 9/6/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Donna J. Simpson  
Inspector's Signature

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

Date: SEPT 6 19 2000



## 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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NIS-2-404-00

- Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address
- Date Sep. 5, 00  
Sheet 1 of 2  
Unit 2  
C52585-24  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A
4. Identification of System Containment Spray ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
CAP PIPE 2IN 3000 LB FSS SOCKET WELD	M&E # 30-016938	ASP # 1237	N/A	SA-182 GR F-304	N/A	Replace- ment	No
CAP PIPE 2IN 3000 LB FSS SOCKET WELD	M&E # 30-16938	ASP # 597	N/A	SA-182 GR F-304	N/A	Replace- ment	No

7. Description of work. Reinstall structural support for hanger 2-ACTS-R7A

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref JOA: C52585-24

Repair / Replacement C52585-24

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/A

Signed Conrad V Reid, Senior Planner Date 09/05, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 11-5-99 to 9-6-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

K. Blake  
 Inspector's Signature

Commissions Mi. 762 NFI  
 National Board, State, Province, Endorsements

Date Sept. 6 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-4-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# CS2613-02  
One Cook Place, Bridgman, MI 49106 Component# 2-CCM-430
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: COMPONENT COOLING WATER
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CCM-430	ASTM A182-61t Grade F316	CONVAL	M&E# 30-035793 ASP3 18275	N/a	Replaced	N/a

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: VT-2 Functional \_\_\_\_\_ Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

**Description of Work:** REPLACED YOKE ASSEMBLY WITH NEW 8 BOLT YOKE  
ASSEMBLY PER EE 2000-0070. VT-2 WAS PERFORMED DURING SYSTEM LEAK TEST  
ON C52613-08.

Job Order/File: C52613-02ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons welding Supervisor Date 9-2-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 2-9-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M R Matusz Commissions MICHODSE, ENDORS  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 12 19 2000

As Required by the Provisions of the ASME Code Section XI

**NIS-2-292-00**

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

## FORM NIS-2 (Back)

9. Remarks : VT-3 Inspection required.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C52761-16

Design Change: 2-DCP-164

Repair/Replacement Traveler: C52761-16

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/A

Signed James Ponton  
James Ponton, Senior Planner  
Owner or Owner's Designee, Title

Date 7/12/00

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by Factory Mutual Insurance Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-14-00 to 7-17-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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. Whitman Commissions NB 39030, Mich 0055, End NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 17 18 2000

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

As Required by the Provisions of the ASME Code Section XI

261 of 465

NIS-2-305-00

- Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address
- Date 06/16/00
- Sheet 1 of 2
- Unit # 2
- C52850-04  
 Repair Org. P.O. No., Job No., etc  
 Type Code Symbol Stamp N/A  
 Authorization No. N/A  
 Expiration Date N/A
4. Identification of System Refueling Water Storage Sys. ASME CODE CLASS 3
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
10" Pipe Sch 10	Temp. M&E# 00-015200	ASP# 21975	N/A	SA-312 Gr TB-304	N/A	Replacement	N/A
10" 90 Deg Elbow Schedule 10S	Temp M&E# 00-15201	ASP# 21975	N/A	SA-403 Gr WP-304	N/A	Replacement	N/A
10" 45 Deg Elbow Schedule 10S	Temp M&E# 00-15202	ASP# 21975	N/A	SA-430 GR.WP-304	N/A	Replacement	N/A
10" Tee Schedule 10S	TEMP M&E# 00-15203	ASP# 21975	N/A	SA-403 GR.WP-304	N/A	Replacement	N/A

7. Description of work Modify the RWST Overflow Line per 2-DCP-729
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
 N/A ☒ Other ☐ Pressure N/A psi Test Temp. N/A °F

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JO. C52850-04      Design Change: 2=DCP-729Repair/Replacement Traveler: C52850-04 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/A

Signed  Conrad V Reid, Senior Planner Date June 16, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-7-00 to 7-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

 Commissions NR 9030, Mich 0053, END NIT  
Inspector's Signature National Board, State, Province, Endorsements

Date July 5 <sup>PM</sup> 19 2000



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

As Required by the Provisions of the ASME Code Section XI

263 of 465

NIS-2-306-00

- Owner AMERICAN ELECTRIC POWER COMPANY  
P.O. Box 60 Fort Wayne, IN 46801  
 Name  
 Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
One Cook Place, Bridgman, MI 49106  
 Name  
 Address
3. Work Performed by Installation Services  
Same as #2  
 Name  
 Address
- Date 06/15/00  
 Sheet 1 of 2  
 Unit # 2  
C52850-05  
 Repair Org. P.O. No., Job No., etc  
 Type Code Symbol Stamp N/A  
 Authorization No. N/A  
 Expiration Date N/A
4. Identification of System Refueling Water Storage Sys. ASME CODE CLASS 3  
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed. N/A Add. N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
Steel Plate ½" Thick SS	Temp. M&E# 00-014849	ASP# 21972	N/A	ASTM-204 Type 304	N/A	Replace- ment	N/A

7. Description of work Install New Nozzle Reinforcement Pad on Tank 2-TK-33 per Design Change 2-DCP-729

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

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

## FORM NIS-2 (Back)

Remarks VT @ Fit Up and Final, plus Final PT  
Applicable Manufacturer's Data Reports to be attached

Ref. JO. C52850-05      Design Change: DCP-729

Repair/Replacement Traveler: C52850-05 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  Conrad V Reid, Senior Planner      Date July 1, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-7-00 to 7-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

      Commissions NB 9030, Mich 0055, End N/E  
Inspector's Signature      National Board, State, Province, Endorsements

Date July 5 15 2000

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

As Required by the Provisions of the ASME Code Section XI

265 of 465

NIS-2-307-00

1. Owner AMERICAN ELECTRIC POWER COMPANY

Date 06/17/00

Name

P.O. Box 60 Fort Wayne, IN 46801

Sheet 1 of 3

Address

2. Plant D.C. COOK NUCLEAR POWER PLANT

Unit #2

Name

One Cook Place, Bridgman, MI 49106

C52850-06

Address

3. Work Performed by Installation Services

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Name

Authorization No. N/A

Same as #2

Expiration Date N/A

Address

4. Identification of System Refueling Water Storage Sys. ASME CODE CLASS 3

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-ASI-R4006							
TUBE STEEL "X 3"X 1/4"	Temp. M&E# 00-014848	ASP# 21972	N/A	ASTM- A554-94 TYPE-304	N/A	Replace- Ment	N/A
STEEL ANGLE 3"X 3"X 3/8"	Temp. M&E# 00-014846	ASP# 21972	N/A	ASTM- A479-97A TYPE-304	N/A	Replace- Ment	N/A
STEEL ANGLE 4"X 4"X 3/8"	Temp. M&E# 00-014847	ASP# 21972	N/A	ASTM- A479-97A TYPE-304	N/A	Replace- Ment	N/A
STEEL PLATE 5/8" THICK 48" X 96"	M&E# 30-153220	ASP# 12735	N/A	ASTM- A240-89B TYPE-304	N/A	Replace- Ment	N/A
2-ASI-R4007							
TUBE STEEL 3"X 3"X 1/4"	Temp. M&E# 00-014848	ASP# 21972	N/A	ASTM- A554-94 TYPE-304	N/A	Replace- Ment	N/A
STEEL ANGLE 3"X 3"X 3/8"	Temp. M&E# 00-014846	ASP# 21972	N/A	ASTM- A479-97A TYPE-304	N/A	Replace- Ment	N/A
STEEL ANGLE 4"X 4"X 3/8"	Temp. M&E# 00-014847	ASP# 21972	N/A	ASTM- A479-97A TYPE-304	N/A	Replace- Ment	N/A

7. Description of Work : REMOVE EXSITING / INSTALL NEW / MODIFY EXISTING PIPE SUPPORTS ON THE RWST PIPING PER 2-DCP-729.

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

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

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

As Required by the Provisions of the ASME Code Section XI

266 OF 465

NIS-2-307-00

Owner AMERICAN ELECTRIC POWER COMPANY

Date 06/17/00

Name

P.O. Box 60 Fort Wayne, IN 46801

Sheet 2 of 3

Address

2. Plant D.C. COOK NUCLEAR POWER PLANT

Unit #2

Name

One Cook Place, Bridgman, MI 49106

C52850-06

Address

3. Work Performed by Installation Services

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Name

Authorization No. N/A

Same as #2

Expiration Date N/A

Address

4. Identification of System Refueling Water Storage Sys. ASME CODE CLASS 3

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
STEEL PLATE 5/8" THICK 48" X 96"	M&E# 30-153220	ASP# 12735	N/A	ASTM- A240-89B TYPE-304	N/A	Replace- Ment	N/A
-ASI-R4008							
TUBE STEEL 3"X 3"X 1/4"	Temp. M&E# 00-014848	ASP# 21972	N/A	ASTM- A554-94 TYPE-304	N/A	Replace- Ment	N/A
STEEL ANGLE 3"X 3"X 3/8"	Temp. M&E# 00-014846	ASP# 21972	N/A	ASTM- A479-97A TYPE-304	N/A	Replace- Ment	N/A
STEEL ANGLE 4"X 4"X 3/8"	Temp. M&E# 00-014847	ASP# 21972	N/A	ASTM- A479-97A TYPE-304	N/A	Replace- Ment	N/A
STEEL PLATE 5/8" THICK 48" X 96"	M&E# 30-153220	ASP# 12735	N/A	ASTM- A240-89B TYPE-304	N/A	Replace- Ment	N/A

7. Description of Work : REMOVE EXSITING / INSTALL NEW / MODIFY EXISTING PIPE SUPPORTS ON THE RWST PIPING PER 2-DCP-729.

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

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

## FORM NIS-2 (Back)

9. Remarks : VT at fitup and final, plus final PT.  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C52850-06

DESIGN CHANGE: DCP-729

REPAIR/REPLACEMENT TRAVELER: C52850-06

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 James Ponton  
James Ponton, Senior Planner  
 Owner or Owner's Designee, Title

Date 7/3/00, 58 73.00  
15

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by Factory Mutual Insurance Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-7-00 to 7/5/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 A. McIntosh Commissions NB 5030, Mich 00055, NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 5 15 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 3-2-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# CS2994-07  
One Cook Place, Bridgman, MI 49106 Component# 2-STN-37E
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CHARGING (CVCS)
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-STR-37E						
ROD, THREADED ¾-	ASME SA 453 GR. 660		M & E 30-212295 ASP 19160	N/A	REPLACED	NO
NUTS HEX ¾	ASME SA 194 GR. 2H		M & E 30-212100 ASP 21871	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: NONE Pressure: psi Test Temperature \_\_\_\_\_ F.

**Description of Work:** REPLACED UNIDENTIFIABLE COVER FLANGE FASTENERS.

NO NDE REQUIRED PER TRAVELER

Job Order/File: C52994-07

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned: [Signature] Date 8-31-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 3-2-00 to 9-1-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: September 1 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 1-19-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C53098-02  
One Cook Place, Bridgman, MI 49106 Component# 2-ICM-321
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add. Code Case: NONE  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-ICM-321						
BONNET ASSEMBLY	ASME SA-182 F316	VELAN VALVE CORP	M & E 30-043782 ASP 15830	N/A	REPLACED	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure ✓  
NDE: VT-2 FUNCTIONAL Pressure: psi Test Temperature F.

**Description of Work:** DISSAMBLER VALVE FOR INSPECTION. PERFORMED QC  
 VERIFIED BLUE CHECK (SAT). PERFORMED SYSTEM CLEANLINESS CLOSE OUT  
 W/QC (SAT). INSTALLED ORIGINAL STEM AND WEDGE INTO BODY. INSTALLED  
 NEW BONNET/YOKE ASSEMBLY ONTO VALVE W/NEW GASKET.



Job Order/File: C53098-02

ISI Class 2

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned: Dewayne Timmons, welding supervisorDate 9-4-00

Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 1-20-00 to 9-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Mark Montemayor  
Inspector's Signature

Commissions

Michigan, ENR N&I  
National Board, State, Province, Endorsements

Date: SEPT 5 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 01-06-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C53540-12.03  
One Cook Place, Bridgman, MI 49106 Component# 2-IMO-261
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Safety Injection
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-IMO-261						
BONNET	ASTM A351 gr.CF8	FLOW SERVE	P.O.# 2493 ASP# 22015	N/A	REPLACED & machined	NO
DISC	ASTM A 351 gr.CF8	FLOW SERVE	P.O.3 2493 ASP# 22015	N/A	REPLACED	NO
Bonnet studs 5/8"	ASME SA-453 gr.660	N/A	M&E# 30-212290 ASP# 21374	N/A	REPLACED	NO
NUTS	ASME SA-194 gr.8F	N/A	M&E# 30-212090 ASP# 21506	N/A	REPLACED	NO
						NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure √ VT-2 inservice test  
 NDE: pt machined bonnet pressure: psi Test Temperature F.

**Description of Work:** Replaced the valve bonnet and disk/wedge and machined the bonnet to fit. Bonnet fasteners were also replaced. A liquid penetrant test was performed on the machined surface of the bonnet. A VT-2 was performed on ACT.# 08 with crem remarks provided for verification.

**Job Order/File:** C53540-03,12 **ISI Class** 2

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-12-00  
Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 12-30-99 to 9-13-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M. J. Murtough Commissions Mich 0055, END NSE  
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 13 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 1-7-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C53540-11  
One Cook Place, Bridgman, MI 49106 Component# 2-IMO-261
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: REFUELING WATER STORAGE TANK SUPPLY
5. (a) Applicable Construction Code: ASME SECT. III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-IMO-261						
WEDGE	SA-461- GR. 630	ANCHOR DARLING	P.O. NU2493	N/A	REPAIRED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure N/A  
 NDE: PT Pressure: psi Test Temperature F.

Description of Work: **MACHNED WEDGE TO DIMENSIONS SUPPLIED BY  
 MANUFACTER, ATTACHED TO DIT-S00312 AND PMI5023.**

Job Order/File: C53540-11ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9/12/00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 1-6-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M. A. Montenegro Commissions Mich 0055, CN&N  
 Inspector's Signature National Board, State, Province, Endorsements

Date: SEP. 12 18 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 1-17-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C53621-01  
One Cook Place, Bridgman, MI 49106 Component# 2-CTS-131E
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add. Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CTS-131E						
ROD, THREADED 3/4 IN 10 UNC	ASME SA453 GRADE 660		<i>212295 3F 8244</i> M & E 30-212295 ASP 19160	N/A	REPLACED	NO
NUT, HEX 3/4 IN 10 UNC	ASME SA194 GR 8F		M & E 30-212100 ASP 21871	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure                       
 N/A                      NDE: NONE Pressure: psi Test Temperature                      F.

Description of Work: **DISASSEMBLED FLANGE FOR 2-CTS-131E AND REMOVED THE ORIFACE FOR BORESCOPE INSPECTION OF PIPING.**  
**REINSTALLED ORIFACE INTO FLANGE USING NEW BOLTING. TORQUED BOLTING TO CORRECT TIGHTNESS.**

Job Order/File: C53621-01

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in the report are correct and this repair and/or 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: Dwayne Simpson MAINT Supv. Reblig Date 9-1-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 1-17-00 to 9-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Michael R. McIntyre Commissions Mich 0055, ENCL V, I  
 Inspector's Signature National Board, State, Province, Endorsements

Date: September 2 19 2000

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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

NIS-2-308-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 06/28/00

Sheet 1 of 3

Unit # 2

C53807-03  
 Repair Org. P.O. No., Job No., etc  
 Type Code Symbol Stamp N/A  
 Authorization No. N/A  
 Expiration Date N/A

4. Identification of System Safety Injection ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 1983Ed., N/A Add. N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
INT-M-D-2-4154-H1 2x2x1/4 angle	M&E# 30-153012	ASP# 21493	N/A	A36 1990	N/A	Replacement	N/A
INT-M-D-2-4154-H1 Tube Clamp 3/8" JC White	M&E# 30-024266	ASP# 12343	N/A	SA 479 Gr 304	N/A	Replacement	N/A
INT-M-D-2-4154-H1 3/4"x3-1/2 Bolt	M&E 30-046658	ASP# 19984	N/A	A193 Gr B8 (86-95)	N/A	Replacement	N/A
INT-M-D-2-4154-H1 3/4" Hvy Hex Nut	M&E 30-212030	ASP# 21955	N/A	SA 194 Gr 8F	N/A	Replacement	N/A
INT-M-D-2-4154-H1 16 Gage Sheet Metal	M&E 30-153237	ASP# 20352	N/A	A240-92B TP304	N/A	Replacement	N/A

7. Description of work 2-DCP-4154 Remove/Install RHR Supports

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

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



Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address  
 3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 06/28/00  
 Sheet 2 of 3  
 Unit # 2  
C53807-03  
 Repair Org. P.O. No., Job No., etc  
 Type Code Symbol Stamp N/A  
 Authorization No. N/A  
 Expiration Date N/A

4. Identification of System Safety Injection ASME CODE CLASS 2  
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
INT-2-ASI-L68A 2"ODx1" ID Belleville Washer	M&E 00-0167735 PO# NU04-4715	ASP# 22149	N/A	AISI 6150 (UNS 061500)	N/A	Replace- ment	N/A
INT-2-ASI-L71A 2"ODx1" ID Belleville Washer	M&E 00-0167735 PO# NU04-4715	ASP# 22149	N/A	AISI 6150 (UNS 061500)	N/A	Replace- ment	N/A

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

Sheet 3 of 3  
NIS-2-308-00

**FORM NIS-2 (Back)**

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C53807-03                      Design Change: 2-DCP-4154

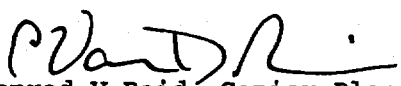
Repair/Replacement Plan: C53807-03    ISI Class: 2

**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                       Date June 29, 2000  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919

Have inspected the components described in this Owner's Report during the period 2-7-00 to 7-6-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

                      Commissions NB 9030, Mich 0055, END NBT  
Inspector's Signature                      National Board, State, Province, Endorsements

Date July 6 25 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 1-29-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C53941 - 09 R#  
One Cook Place, Bridgman, MI 49106 Component# 2-CTS-106
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CTS-106						
ALL THREAD 3/4 X 4 1/8 QTY 16	SA 453 GR.660		M&E 30-212295 ASP 19160	N/A	REPLACED	NO
NUTS, 3/4" UNC	SA-194 GR. 8F		M&E 30-212100 ASP 21871	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: NONE \_\_\_\_\_ Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

**Description of Work:** REPLACED EXISTING FLANGE BOLTING  
(SA-193 GR. B7 & SA-194 GR. 2H) WITH CORRECT BOLTING MATERIAL  
FOR APPLICATION.

Job Order/File: C53941-09ISI Class 3**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: [Signature] Major Supv. Welding Date 9-1-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 1-26-00 to 9-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,  
 Section XI

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

[Signature]  
 Inspector's Signature

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

Date: SEPTEMBER 2 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 02-05-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C53960-01  
One Cook Place, Bridgman, MI 49106 Component# 2-CTS-127E
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Containment Spray
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CTS-127E						
Orifice plate	ASTM A-167-93 TP 304	N/a	P.O.# 5360	N/a	Replaced	N/a

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure N/A  
NDE: None Pressure: psi Test Temperature F.

**Description of Work:**

This work was to support a borescopic inspection with subsequent replacement of the orifice plate. The original fasteners were reused.

Job Order/File: C53960-01 ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NR

Signed: Dewayne Timmons, welding supervisor Date 9-8-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FMIC OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 1-21-00 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MR. Winter Commissions MICHIGAN, END NIT  
 Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 9 19<sup>TH</sup> 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-5-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C53961 -01  
One Cook Place, Bridgman, MI 49106 Component# 2-CTS-127W
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CTS-127W						
ORIFICE	ASTM A167-93	ALLEGHENY		N/A	REPLACED	NO
PLATE	GR. 304	LU DLUM	P.O # 5360			

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure ✓  
 N/A NDE: NONE Pressure: psi Test Temperature F.

Description of Work: INSTALLED NEW ORIFICE PLATE OF CORRECT SIZE AND PRESSURE RATING (300 #). BOLTING MATERIAL WAS NOT REPLACED IN THS JOA. A VT-2 FUNCTIONAL TEST WAS PERFORMED IN ACT-02 OF THIS JOA AFTER NEW ORIFICE PLATE WAS INSTALLED (SAT). Note: the orifice plate was procured/installed iaw the corresponding material specification and therefore, "not" considered a "change" to the original configuration. Therefore, no design change was required for this work. Orifice plate was procured QAPD and subsequently is "not" assigned an ASP#.

Job Order/File: C53961-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons welding supervisor Date 9-8-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by FMIC OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 1-21-00 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: Sept 9 19 2000



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

As Required by the Provisions of the ASME Code Section XI

287 of 465

NIS-2-322-00

Owner AMERICAN ELECTRIC POWER COMPANY  
NameP.O. Box 60 Fort Wayne, IN 46801

Address

2. Plant D.C. COOK NUCLEAR POWER PLANT

Name

One Cook Place, Bridgman, MI 49106

Address

3. Work Performed by Installation Services

Name

Same as #2

Address

4. Identification of System Boron Injection

ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-RO-728 1-1/2" 1500# Orifice Flanges SW	Temp M&E# 00-016474	ASP# 22093	N/A	A182-97c Gr. F316	N/A	Replace- ment	No
2-RO-728 x6"lg Stud Bolts	Temp M&E# 00-16476	ASP# 22093	N/A	A193-97a Gr. B7	N/A	Replace- ment	No
2-RO-728 1" Heavy Hex Nuts	Temp M&E# 00-16477	ASP# 22093	N/A	SA194 Gr. 2H	N/A	Replace- ment	No
2-RO-728 x"thk Orifice Plate	Temp M&E# 0016481	ASP# 22147	N/A	A240-97a Gr. TP316	N/A	Replace- ment	No

7. Description of work Install Orifice Plate 2-RO-728 per 2-DCP-5588. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
N/A ☐ Other ☐ Pressure N/A psi Test Temp. N/A °F

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JO: C53964-01      Design Change: 2-DCP-558Repair/Replacement Travler C53964-01      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/A

Signed Conrad V Reid, Senior Planner Date July 5, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler  
 And Pressure Vessel Inspectors and the State or Province of Michigan and employed  
 by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919  
 Have inspected the components described in this Owner's Report during the period  
1-13-00 to 7-10-00, and state that to the best of my knowledge  
 and belief, the Owner has performed examinations and taken corrective measures  
 described in this Owner's Report in accordance with the requirements of the ASME  
 Code, Section XI.

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

Inspector's Signature Commissions N39630, Michigan, END N.B.T.  
National Board, State, Province, Endorsements

Date July 10 2000

# 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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NIS-2-326-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name

P.O. Box 60 Fort Wayne, IN 46801

Address

Date July 6, 2000

Sheet 1 of 2

2. Plant D.C. COOK NUCLEAR POWER PLANT

Name

One Cook Place, Bridgman, MI 49106

Address

Unit # 2

C53964-02

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed by Installation Services

Name

Same as #2

Address

4. Identification of System Boron Injection

ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-RO-729 1-1/2" 1500# Orifice Flanges SW	Temp M&E# 00-016474	ASP# 22093	N/A	A182-97c Gr. F316	N/A	Replace- ment	No
2-RO-729 1"x6"lg Stud Bolts	Temp M&E# 00-16476	ASP# 22093	N/A	A193-97a Gr. B7	N/A	Replace- ment	No
2-RO-729 1" Heavy Hex Nuts	Temp M&E# 00-16477	ASP# 22093	N/A	SA194 Gr. 2H	N/A	Replace- ment	No
2-RO-729 3/4"thk Orifice Plate	Temp M&E# 00-16481	ASP# 22147	N/A	A240-97a Gr TP316	N/A	Replace- ment	No

7. Description of work Install Orifice Plate 2-RO-729 per 2-DCP-558

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C53964-02 Design Change: 2-DCP-558

Repair/Replacement Traveler C53964-02 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/A

Signed Conrad V Reid, Senior Planner Date July 6, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-13-00 to 7-10-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 NB9030, Mich 0055, ENR NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 10 2000

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

As Required by the Provisions of the ASME Code Section XI

29 of 465  
NIS-2-327-001. Owner AMERICAN ELECTRIC POWER COMPANY  
NameP.O. Box 60 Fort Wayne, IN 46801  
AddressDate July 6, 2000Sheet 1 of 22. Plant D.C. COOK NUCLEAR POWER PLANT  
NameOne Cook Place, Bridgman, MI 49106  
AddressUnit # 2C53964-033. Work Performed by Installation Services  
NameSame as #2

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/A

Address

4. Identification of System Boron InjectionASME CODE CLASS 25. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-RO-730 1-1/2" 1500# Orifice Flanges SW	Temp M&E# 00-016474	ASP# 22093	N/A	A182-97c Gr. F316	N/A	Replace- ment	No
2-RO-730 1"x6"lg Stud Bolts	Temp M&E# 00-16476	ASP# 22093	N/A	A193-97a Gr. B7	N/A	Replace- ment	No
2-RO-730 1" Heavy Hex Nuts	Temp M&E# 00-16477	ASP# 22093	N/A	SA194 Gr. 2H	N/A	Replace- ment	No
2-RO-730 3/4"thk Orifice Plate	Temp M&E# 00-16481	ASP# 22147	N/A	A240-97a Gr. TP316	N/A	Replace- ment	No

7. Description of work Install Orifice Plate 2-RO-730 per 2-DCP-5588. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
N/A ☐ Other ☐ Pressure N/A psi Test Temp. N/A °F

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

## FORM NIS-2 (Back)

## Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C53964-03 Design Change: 2-DCP-558

Repair/Replacement Traveler C53964-03 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/A

Signed Conrad V Reid, Senior Planner Date July 6, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-5-00 to 7-10-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 Muterspaugh Commissions NB9034, MICH0655, END N&I  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 10 2000

# 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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NIS-2-328-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date July 6, 2000  
Sheet 1 of 2  
Unit # 2  
C53964-04  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Boron Injection ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-RO-731 1-1/2" 1500# Orifice Flanges SW	Temp M&E# 00-016474	ASP# 22093	N/A	A182-97c Gr. F316	N/A	Replace- ment	No
2-RO-731 2"x6"lg Stud Bolts	Temp M&E# 00-16476	ASP# 22093	N/A	A193-97c Gr B7	N/A	Replace- ment	No
2-RO-731 1" Heavy Hex Nuts	Temp M&E# 00-16477	ASP# 22093	N/A	SA194 Gr 2H	N/A	Replace- ment	No
2-RO-731 3/4"thk Orifice Plate	Temp M&E# 00-16481	ASP# 22147	N/A	A240-97a Gr.TP316	N/A	Replace- ment	No

7. Description of work Install Orifice Plate 2-RO-731 per 2-DCP-558

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JO: C53964-04      Design Change: 2-DCP-558Repair/Replacement Traveler C53964-04      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/A

Signed Conrad V Reid, Senior Planner      Date July 6, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-5-00 to 7-10-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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. Whitcomb      Commissions NB 9030, Mich 0055, ENR NFI  
Inspector's Signature      National Board, State, Province, Endorsements

Date July 10      2000



## 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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NIS-2-329-00

- Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address
- Date July 6, 2000
- Sheet 1 of 2
- Unit # 2
- C53964-05 and C53964-30  
 Repair Org. P.O. No., Job No., etc  
 Type Code Symbol Stamp N/A  
 Authorization No. N/A  
 Expiration Date N/A
4. Identification of System Safety Injection ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-IFI-260-OR 4" O.D. Orifice Plate 0.945" Bore	Temp M&E# 00-016480	ASP# 22147	N/A	A240-97a TP316	N/A	Replace- ment	No
2-IFI-260-OR 1-1/4" Stud Bolts	M&E# 30-212315	ASP# 18021	N/A	SA453 Gr 660	N/A	Replace- ment	No
2-IFI-260-OR 1-1/4" Nut	M&E# 30-212142	ASP# 22229	N/A	SA194 Gr 8F	N/A	Replace- ment	No

7. Description of work C53964-05 installed the new orifice plate C53964-30 changed the bolting to SA453 Gr660 with SA194 Gr 8F nuts. C53964-39 did the final torque on the studs, activity 39 was performed by MTM and no new material was added.

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C53964-05 and C53964-30 Design Change: 2-DCP-558

Repair/Replacement Traveler C53964-05 and C53964-30

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/A

Signed Conrad V Reid, Senior Planner Date July 6, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-29-00 to 7-10-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NB9030, Mich 0055, EN-9 NFI  
National Board, State, Province, Endorsements

Date July 10 2000

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

As Required by the Provisions of the ASME Code Section XI

297 of 465

NIS-2-330-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name

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

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

One Cook Place, Bridgman, MI 49106  
Address

3. Work Performed by Installation Services  
Name

Same as #2

Address

Date July 6, 2000

Sheet 1 of 2

Unit # 2

C53964-06 and C53964-31

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Safety Injection

ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-IFI-266-OR 4" O.D. Orifice Plate 0.943" ore	Temp M&E# 00-016480	ASP# 22147	N/A	A240-97a Gr TP316	N/A	Replace- ment	No
2-IFI-266-OR 1-1/4" Stud Bolts	M&E# 30-212315	ASP# 18021	N/A	SA453 Gr 660	N/A	Replace- ment	No
2-IFI-266-OR 1-1/4" Nut	M&E# 30-212142	ASP# 22229	N/A	SA194 Gr 8F	N/A	Replace- ment	No

7. Description of work C53964-06 installed the new orifice plate C53964-31 changed the bolting to SA453 Gr660 with SA194 Gr 8F nuts. C53964-40 did the final torque on the studs, activity 40 was performed by MTM and no new material was added.

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

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

FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C53964-06 and C53964-31 Design Change: 2-DCP-558

Repair/Replacement Traveler C53964-06 and C53964-31


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

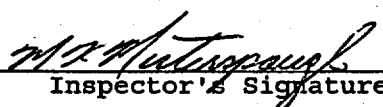
Certificate of Authorization No. N/A Expiration Date N/A

Signed  Date July 6, 2000  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-10-00 to 2-10-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

 Commissions NB 7030, Mich 0055, END "NI-I"  
Inspector's Signature National Board, State, Province, Endorsements

Date July 10 2000

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

299 of 465

NIS-2-331-00

Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address  
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address  
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date July 12, 2000  
Sheet 1 of 2  
Unit # 2  
C53964-08  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Safety Injection ASME CODE CLASS 2  
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-IFI-260 5"x5"x 1/4 Plate	M&E# 30-153197	ASP# 21858	N/A	A36-93a	N/A	Replacement	No
2-IFI-260 2"x12"x 3/8 Plate	M&E# 30-153192	ASP# 15485	N/A	A36 1993	N/A	Replacement	No
2-IFI-260 Rosemount Transmitter	Temp M&E# 00-016520	ASP# 22201	N/A	S/N 518786	N/A	Replacement	No
2-IFI-260 5/16" Heavy Hex Nut	M&E# 30-211830	ASP# 20021	N/A	SA194 Gr 2H	N/A	Replacement	No

7. Description of work Remove old transmitter and install new Rosemount Transmitter and Mounting Bracket

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref.-JO: C53964-08

Design Change: 2-DCP-558

Repair/Replacement Traveler C53964-08

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 Conrad V Reid, Senior PlannerDate July 12, 2000

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-10-00 to 7-19-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 K Blake

Commissions

Mi. 762NBI

National Board, State, Province, Endorsements

Date 7-19 2000

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

As Required by the Provisions of the ASME Code Section XI

301 of 465

NIS-2-332-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
NameP.O. Box 60 Fort Wayne, IN 46801

Address

2. Plant D.C. COOK NUCLEAR POWER PLANT

Name

One Cook Place, Bridgman, MI 49106

Address

3. Work Performed by Installation Services

Name

Same as #2

Address

Date July 12, 2000Sheet 1 of 2Unit # 2C53964-09

Repair Org. P.O. No., Job No., etc.

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/A4. Identification of System Safety Injection ASME CODE CLASS 25. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-IFI-266 5"x5"x 1/4 Plate	M&E# 30-153197	ASP# 21858	N/A	A36-93a	N/A	Replacement	No
2-IFI-266 3"x12"x 1/2 Plate	M&E# 30-153193	ASP# 21962	N/A	A36-93a	N/A	Replacement	No
2-IFI-266 Rosemount Transmitter	Temp M&E# 00-016520	ASP# 22201	N/A	S/N 518785	N/A	Replacement	No
2-IFI-266 5/16" Heavy Hex Nut	M&E# 30-211830	ASP# 20021	N/A	SA194 Gr 2H	N/A	Replacement	No

7. Description of work Remove old transmitter and install new Rosemount Transmitter and Mounting Bracket 2-IFI-2668. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A psi Test Temp. N/A °F

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C53964-09

Design Change: 2-DCP-558


Repair/Replacement Traveler C53964-09

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/A

Signed  Conrad V Reid, Senior Planner Date July 8, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-10-00 to 7-19-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

  
 Inspector's Signature

Commissions Mi. 762 NDI  
 National Board, State, Province, Endorsements

Date 7-19 2000



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

303 of 465

NIS-2-333-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date July 8, 2000

Sheet 1 of 2

Unit # 2  
C53964-32

Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Safety Injection ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-RO-728 1" Stud Bolts	M&E# 30-212309	ASP# 20987	N/A	SA 453 Gr 660	N/A	Replace- ment	No
2-RO-728 " Heavy Hex Nuts	M&E# 30-212120	ASP# 17651	N/A	SA 194 Gr 2H	N/A	Replace- ment	No

7. Description of work Remove old bolting and install new stainless steel studs in Orifice Flange 2-RO-728

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C53964-32

Design Change: 2-DCP-558

Repair/Replacement Traveler C53964-32

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/A

Signed Conrad V Reid, Senior Planner Date July 8, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-28-00 to 7-10-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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. McIntyre Commissions NB 9030, Mich 0255, End NIT  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 10 2000

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

305 of 465

NIS-2-334-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address

Date July 8, 2000

Sheet 1 of 2

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

Unit # 2

C53964-33

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed by Installation Services  
Name  
Same as #2  
Address

4. Identification of System Safety Injection ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-RO-729 1" Stud Bolts	M&E# 30-212309	ASP# 20987	N/A	SA 453 Gr 660	N/A	Replace- ment	No
2-RO-729 Heavy Hex Nuts	M&E# 30-212120	ASP# 17651	N/A	SA 194 Gr 2H	N/A	Replace- ment	No

7. Description of work Remove old bolting and install new stainless steel studs in Orifice Flange 2-RO-729. Orifice Plate installed under Job Order C53964-02

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

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

## FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JO: C53964-33Design Change: 2-DCP-558Repair/Replacement Traveler C53964-33ISI 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 Conrad V Reid, Senior Planner Date July 8, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-28-00 to 7-10-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 Matarazzo Commissions NB 9030, Mich 0055, END NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 10 2000

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

307 of 465

NIS-2-335-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date July 8, 2000

Sheet 1 of 2

Unit # 2

C53964-35  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Safety Injection ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-RO-730 1" Stud Bolts	M&E# 30-212309	ASP# 20987	N/A	SA 453 Gr 660	N/A	Replace- ment	No
2-RO-730 Heavy Hex Nuts	M&E# 30-212120	ASP# 17651	N/A	SA 194 Gr 2H	N/A	Replace- ment	No

7. Description of work Remove old bolting and install new stainless steel studs in Orifice Flange 2-RO-730. Orifice Plate installed under Job Order C53964-03

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

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

## FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C53964-35

Design Change: 2-DCP-558

Repair/Replacement Traveler C53964-35

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/A

Signed CV Reid Date July 8, 20 00  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-28-00 to 7-10-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 NB 9030, MICH 0055, END NPT  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 10 20 00

**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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NIS-2-336-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date July 8, 2000  
Sheet 1 of 2  
Unit # 2  
C53964-36  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Safety Injection ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-RO-731 1" Stud Bolts	M&E# 30-212309	ASP# 20987	N/A	SA 453 Gr 660	N/A	Replace- ment	No
2-RO-731 1" Heavy Hex Nuts	M&E# 30-212120	ASP# 17651	N/A	SA 194 Gr 2H	N/A	Replace- ment	No

7. Description of work Remove old bolting and install new stainless steel studs in Orifice Flange 2-RO-731. Orifice Plate installed under Job Order C53964-04

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

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

## FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JO: C53964-36Design Change: 2-DCP-558Repair/Replacement Traveler C53964-36ISI 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 Conrad V Reid, Senior Planner Date July 8, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-22-00 to 7-10-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 Montgomery Commissions NIS 9030, Mich 0055, ENR NIE  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 10 2000



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

NIS-2-337-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name

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

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

One Cook Place, Bridgman, MI 49106  
Address

3. Work Performed by Installation Services  
Name

Same as #2

Address

Date July 8, 2000

Sheet 1 of 2

Unit # 2

C53964-46

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Safety Injection ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N416-1 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-RO-730 3/32" Weld Rod Bare	M&E# 30-044988	ASP# 19186	N/A	ER 308	N/A	Replace- ment	No
2-RO-730 1/8" Weld Rod Bare	M&E# 30-044990	ASP# 22062	N/A	ER 308L	N/A	Replace- ment	No

7. Description of work Removed and Rewelded Slip On Flange (installed in C53964-03)  
welding filler metal only no other materials

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

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

## FORM NIS-2 (Back)

9. Remarks VT-2 test conducted per JO C53964-03  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C53964-46

Design Change: 2-DCP-558

Repair/Replacement Traveler C53964-46

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 Conrad V Reid, Senior Planner Date July 8, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 1-31-00 to 7-17-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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. Martens Commissions NB 9030, Michigan, END NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 17 2000

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

313 of 465

NIS-2-338-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date July 8, 2000

Sheet 1 of 2

Unit # 2

C53964-47  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Safety Injection ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-RO-730 1-1/2" Pipe Sch 160	M&E# 30-016811	ASP# 2985	N/A	SA376 Gr TP-304	N/A	Replace- ment	No

7. Description of work Added a section of new pipe. Flanges (installed in C53964-03)

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

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

## FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JO: C53964-47Design Change: 2-DCP-558Repair/Replacement Traveler C53964-47ISI 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 Conrad V Reid, Senior Planner Date July 8, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 2-1-00 to 7-10-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NB 9030, Mich 0055, END NFI  
National Board, State, Province, Endorsements

Date July 10 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS** 315 of 465  
As Required by the Provisions of the ASME Code Section XI

NIS-2-318-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date 06/30/00  
     P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
     Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit # 2  
     One Cook Place, Bridgman, MI 49106 C53984-03  
     Address Repair Org. P.O. No., Job No., etc  
     Installation Services Type Code Symbol Stamp N/A  
     Same as #2 Authorization No. N/A  
     Address Expiration Date N/A
4. Identification of System Safety Injection System ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
     (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
Tube Steel 4"x4"x1/4"	M&E# 30-153269	ASP# 22281	N/A	ASTM-A500 Gr.B 1993	N/A	Replacement	N/A

7. Description of work Modify Safety Injection Pipe Support 2-GSI-R705 to help facilitate installation of Whip Restraint brace for 2-SU-L911 per DCP-4260

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

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

## FORM NIS-2 (Back)

9. Remarks VT-3 Inspection  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C53984-03

Design Change: DCP-4260

Repair/Repalcement Traveler: C53984-03 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 Conrad V Reid, Senior Planner Date June 30, 20 00  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 4-1-00 to 7-10-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 NB9030, Michigan, ENR N.E.I.  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 10 2000

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

317 of 465

NIS-2-304-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 06/15/00

Sheet 1 of 2

Unit # 2  
C54154-03

Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Blowdown System ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
4" Pipe Schedule 160	Temp. M&E# 00-017382	ASP# 22313	N/A	SA-106 Gr. B	N/A	Replacement	N/A
4" 90 Deg. Elbow Schedule 160	Temp. M&E# 00-17384	ASP# 22313	N/A	SA-234 Gr.WPB or WPC	N/A	Replacement	N/A
4" 45 Deg. Elbow Schedule 160	Temp. M&E# 00-17383	ASP# 22206	N/A	SA-234 Gr.WPB or WPC	N/A	Replacement	N/A

7. Description of Work : INSTALL 4" STEAM GENERATOR NORMAL BLOWDOWN FLASHTANK PIPING PER 2-DCP-4253.

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

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

## FORM NIS-2 (Back)

9. Remarks : Vt-2 System Leakage Test Per Code Case N-416-1  
Applicable Manufacturer's Data Reports to be attached

Ref. JO: C54154-03

DESIGN CHANGE: DCP-4253

REPAIR/REPLACEMENT TRAVELER: C54154-03

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/A

Signed James Ponton  
James Ponton, Senior Planner  
 Owner or Owner's Designee, Title

Date 7/12/00 15

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by Factory Mutual Insurance Co. of Johnston, R.I.02919  
 Have inspected the components described in this Owner's Report during the period 1-20-00 to 7/17/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 Matusz Commissions NB 5030, Mich 0055, ENR NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 17 15 2000



**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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NIS-2-345-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address

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

3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date July 24, 2000

Sheet 1 of 2

Unit # 2  
C54395 A22  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System ASME CODE CLASS

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
Flat Bar 1/8" x 3"	M&E# 30-153125	ASP# 18319	N/A	A570 - 92 Gr 45	N/A	Replace- ment	No

7. Description of work Add a shim to reduce gap per 2-LDCP-4447

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C54395-22

Design Change: 2-LDCP-4447

Repair/Replacement Plan: C54395-22

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 Conrad V Reid, Senior PlannerDate 7/24, 20 00

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co/ of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 4-7-00 to 9-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. M. Thompson  
 Inspector's Signature

Commissions Mich 0056, ENR N&T  
 National Board, State, Province, Endorsements

Date Sept 2 20 00

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-6-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C54407-01  
One Cook Place, Bridgman, MI 49106 Component# 2-GCCW-L-132
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: COMPONENT COOLING WATER PIPING SUPPORT
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
<u>2-GCCW-L-132</u>						
ANGLE IRON 2X2X3/8 IN	ASTM A-36 1990 EDITION		M & E 30 153030 ASP 21547	N/A	REPAIRED	NO

7. Hydrostatic          Pneumatic          Nominal Operating Pressure           
 N/A          NDE: PRE-SERV. VT-3          Pressure: psi          Test Temperature          F.

**Description of Work:** CUT OFF EXISTING ANGLE IRON SUPPORT THAT RESTRAINED THE 12" "CCW" LINE. REWELDED SUPPORT, REINSTALLED SUPPORT TO ENSURE THE 1/16" GAP BETWEEN PIPE AND SUPPORT WAS CORRECT. WORK WAS PERFORMED WITHIN B30.1 SPECS. QC PERFORMED A PRE SERV VT-3 EXAM (SAT).

Job Order/File: C54407-01

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in the report are correct and this repair and/or 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: Dwayne Simmons maint Spr welding Date 8-31-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 1-31-00 to 9-1-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MA Mutapang Commissions Mich 0056, ENR N&I  
Inspector's Signature National Board, State, Province, Endorsements

Date: September 1 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-10-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C54425-07  
One Cook Place, Bridgman, MI 49106 Component# 2-CCM-432
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: COMPONENT COOLING WATER
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CCM-432						
YOKE ASSEMBLY	ASTM A182-61T	CONVAL	M & E 30-035793 ASP 18989	N/A	REPLACE	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure X \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: NONE \_\_\_\_\_ Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

**Description of Work: DISASSEMBLED ALVE AND REPLACED YOKE  
 ASSEMBLY.**

Job Order/File: C54425-07ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned: Donny Champion manit Super. welding Date 9-4-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 2-9-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MA Maturapaul Commissions Mich 0055, End NBT  
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 12 19 2000

## 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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NIS-2-339-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
NameP.O. Box 60 Fort Wayne, IN 46801

Address

2. Plant D.C. COOK NUCLEAR POWER PLANT

Name

One Cook Place, Bridgman, MI 49106

Address

3. Work Performed by Installation Services

Name

Same as #2

Address

Date July 10, 2000Sheet 1 of 2Unit # 2C54509-01

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/A4. Identification of System Essential Service Water ASME CODE CLASS 35. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-WRV-763 6" Ball 150# Valve Flange Ends	M&E# 30-033350	ASP# 15788	N/A	Neles- Jamesbury Body CG8M	N/A	Replace- ment	No
2-WRV-763 6" 150# RF SO Flange	M&E# 30-021037	ASP# 16834	N/A	SA 105	N/A	Replace- ment	No
2-WRV-763 3/4"x4-1/4" Stud Bolts	M&E# 30-211620	ASP# 21533	N/A	SA 193 Gr B7	N/A	Replace- ment	No
2-WRV-763 3/4" Nuts	M&E# 30-211890	ASP# 21890	N/A	SA 194 Gr 2H	N/A	Replace- ment	No

7. Description of work Replace valve 2-WRV-763 with Neles-Jamesbury ball valve per 2-DCP-6498. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
N/A ☐ Other ☐ Pressure N/A psi Test Temp. N/A °F

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

**FORM NIS-2 (Back)**

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C54509-01

Design Change: 2-DCP-649

Repair/Replacement Traveler C54509-01

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 Conrad V Reid, Senior Planner Date July 10, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 2-14-00 to 2-17-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

M. A. Matampang Commissions NB 9030, Mich 0055, End NFI  
Inspector's Signature National Board, State, Province, Endorsements

Date July 17 2000



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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-11-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C54752-09  
One Cook Place, Bridgman, MI 49106 Component# 2-SI-141-L3
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: SAFETY INJECTION
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-SI-141-L3						
ORIFICE PLATE	A479 TP 304.	N/A	TEMP M & E 16481  ASP 22147  P.O. NU04-4487	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure                       
NDE: VT-2 FUNCTIONAL Pressure: psi                      Test Temperature                      F.

**Description of Work: REMOVED EXISTING ORIFICE PLATE PER DCP 558  
 AND REPLACED WITH NEW ORIFICE PLATE. AFTER WHICH A VT-2  
 PERFORMED (SAT).**

Job Order/File: C54752-09

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned: Philip J. Shum MAINT Supv. Welding Date 9-12-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by **FMIC OF JOHNSTON, R.I**

have inspected the components described in this Owner's Report during the period 2-10-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MA J. Shum Commissions MICHOSS, ENR N&I  
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 12 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-11-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C54752-10  
One Cook Place, Bridgman, MI 49106 Component# 2-SI-141-L1
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: SAFETY INJECTION
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-SI-141-L1						
ORIFICE PLATE	A479 TP 304.	N/A	TEMP M & E 16481  ASP 22147  P.O. NU04-4487	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure                       
NDE: VT-2 FUNCTIONAL Pressure: psi Test Temperature                      F.

**Description of Work:** REMOVED EXISTING ORIFICE PLATE PER DCP 558  
 AND REPLACED WITH NEW ORIFICE PLATE. AFTER WHICH A VT-2  
 PERFORMED (SAT).

Job Order/File: C54752-10ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: *Raymond Simpson* manit Supt. Welding Date 9-12-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by **FMIC OF JOHNSTON, R.I**

have inspected the components described in this Owner's Report during the period 2-10-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

*Raymond Simpson* Commissions Mich 0055, END NEE  
 Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 12 18 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-11-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C54752-11  
One Cook Place, Bridgman, MI 49106 Component# 2-SI-141-L4
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: SAFETY INJECTION
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-SI-141-L4						
ORIFICE PLATE	A479 TP 304.	N/A	TEMP M & E 16481  ASP 22147  P.O. NU04-4487	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure                       
NDE: VT-2 FUNCTIONAL Pressure: psi                      Test Temperature                      F.

**Description of Work:** REMOVED EXISTING ORIFICE PLATE PER DCP 558  
 AND REPLACED WITH NEW ORIFICE PLATE. AFTER WHICH A VT-2  
 PERFORMED (SAT).

Job Order/File: C54752-11ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed *Donnyl Hummer* Date 9-12-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by **FMIC OF JOHNSTON, R.I**

have inspected the components described in this Owner's Report during the period 2-10-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

*M R Huterbaugh* Commissions *MICH 0055, END N5*  
 Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 12 10 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-10-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C54877-01  
One Cook Place, Bridgman, MI 49106 Component# 2-CCM-431
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: COMPONENT COOLING WATER
5. (a) Applicable Construction Code: ASME SEC. III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CCM-431						
YOKE ASSEMBLY	ASTM A182-61T	CONVAL INC	M & E 30-035793  ASP 18275	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure VT-2 FUNCTIONAL  
 N/A \_\_\_\_\_ N/A \_\_\_\_\_ Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

**Description of Work:** REPLACED YOKE ASSEMBLY WITH NEW YOKE ASSEMBLY PER EE 2000-0070. VT-2 PERFORMED DURING SYSTEM LEAK TEST ON JOB ORDER R63149-7 DURING B&C TESTING PER KEN WORTHINGTON.

Job Order/File: C54877-01 ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 8-31-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 2-9-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M R Whitcomb Commissions MICHIGAN, END N&I  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 12 19 2000



# 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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NIS-2-406-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date Sep. 5, 00  
Sheet 1 of 2  
Unit 2  
C54956-04  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System MAIN STEAM ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
PIPE CARBON STEEL 3/4IN SCH 80 SEAMLESS	M&E # 30-014977	ASP # 17506	N/A	A-106 GR B	N/A	Replacement	No
INSERT REDUCER PIPE 2IN X 3/4IN 3000 LB FCS SOCKET WELD	M&E # 30-015444	ASP # 529	N/A	SA-105	N/A	Replacement	No
SOCK-O-LET 2" X 32" 3000# CS	M&E # 00-19324	ASP # 23077	N/A	SA-105	N/A	Replacement	No

7. Description of work. Remove isokenetic probes and modify piping located on 2-OME-3-1 as per 2-DCP-4529.

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

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

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-11-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C54752-08  
One Cook Place, Bridgman, MI 49106 Component# 2-SI-141-L2
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: SAFETY INJECTION
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-SI-141-L2						
ORIFICE PLATE	A479 TP 304.	N/A	TEMP M & E 16481  ASP 22147  P.O. NU04-4487	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure                       
NDE: VT-2 FUNCTIONAL Pressure: psi                      Test Temperature                      F.

**Description of Work:** REMOVED EXISTING ORIFICE PLATE PER DCP 558  
AND REPLACED WITH NEW ORIFICE PLATE. AFTER WHICH A VT-2  
PERFORMED (SAT).

Job Order/File: C54752-08

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned: *Philip J. Simon* Date 9-12-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by **FMIC OF JOHNSTON, R.I**

have inspected the components described in this Owner's Report during the period 2-10-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

*Michael M. Thompson* Commissions Mich 0055, END N&I  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 12 <sup>th</sup> 19 2000

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

As Required by the Provisions of the ASME Code Section XI

3380x 465

NIS-2-340-00

Owner AMERICAN ELECTRIC POWER COMPANYDate July 10, 2000

Name

P.O. Box 60 Fort Wayne, IN 46801Sheet 1 of 2

Address

2. Plant D.C. COOK NUCLEAR POWER PLANTUnit # 2

Name

One Cook Place, Bridgman, MI 49106

C54509-02

Address

3. Work Performed by Installation Services

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Name

Authorization No. N/ASame as #2Expiration Date N/A

Address

4. Identification of System Essential Service Water ASME CODE CLASS 35. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-WRV-768 4" Ball 150# Valve Flange Ends	M&E# 30-033370	ASP# 15788	N/A	Neles- Jamesbury S/N 21CB04CCJ K	N/A	Replace- ment	No
WRV-768 4" 150# RF SO Flange	M&E# 30-021035	ASP# 16535	N/A	SA 105	N/A	Replace- ment	No
2-WRV-768 5/8"x3-1/2" Stud Bolts	M&E# 30-211610	ASP# 21390	N/A	SA 193 Gr B7	N/A	Replace- ment	No
2-WRV-768 5/8" Nuts	M&E# 30-211880	ASP# 21441	N/A	SA 194 Gr 2H	N/A	Replace- ment	No

7. Description of work Replace valve 2-WRV-768 with Neles-Jamesbury ball valve per 2-DCP-6498. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
N/A ☐ Other ☐ Pressure N/A psi Test Temp. N/A °F

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C54509-02

Design Change: 2-DCP-649

Repair/Replacement Traveler C54509-02

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

Signed CV Reid Date July 10, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 2-14-00 to 7-19-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

K. Blake  
 Inspector's Signature

Commissions Mi. 762 NIT  
 National Board, State, Province, Endorsements

Date 7-19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-14-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C54752-01  
One Cook Place, Bridgman, MI 49106 Component# 2-IFI-266-OR
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: SAFETY INJECTION
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-IFI-266-OR						
ORIFICE PLATE	A24 0 TP 316.	N/A	TEMP M & E 16480  ASP 22147  P.O. NU04-4487	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 NDE: VT-2 FUNCTIONAL Pressure: psi Test Temperature F.

**Description of Work:** REMOVED EXISTING ORIFICE PLATE PER DCP 558  
 AND REPLACED WITH NEW ORIFICE PLATE. AFTER WHICH A VT-2  
 PERFORMED (SAT).

Job Order/File: C54752-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed Philip J. Gurnea MAINT SUPER WELDING Date 9-12-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by **FMIC OF JOHNSTON, R.I**

have inspected the components described in this Owner's Report during the period 2-14-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: Sept 12 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-14-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C54752-02  
One Cook Place, Bridgman, MI 49106 Component# 2-IFI-260-OR
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: SAFETY INJECTION
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-IFI-260-OR						
ORIFICE PLATE	A24 TP 316.		TEMP M & E 0016480  P.O. NU04-4487  ASP 22147	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 NDE: VT-2 FUNCTIONAL Pressure: psi Test Temperature \_\_\_\_\_ F.

**Description of Work:** REMOVED EXISTING ORIFICE PLATE AND REPLACED WITH  
 NEW ORIFICE PLATE. AFTER WHICH A VT-2 EXAMINATION PERFORMED



Job Order/File: C54752-02ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned Debra J. Johnson MAINT. SUPER. WELDING Date 9-4-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 2-14-00 to 9-6-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MAJ. M. J. Johnson Commissions MICH 0055, ENCL N&F  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 6 19<sup>th</sup> 2000

### Remarks

ISI Class 2

Date Sept 8 2000

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

345 &amp; 465

As Required by the Provisions of the ASME Code Section XI

NIS-2-407-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date Sep. 5, 00

Sheet 1 of 2

Unit 2

C54956-10  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System MAIN STEAM ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
PIPE CARBON STEEL 3/4IN SCH 80 SEAMLESS	M&E # 30-014977	ASP # 21061	N/A	A-106 GR B	N/A	Replacement	No
INSERT REDUCER PIPE 2IN X 3/4IN 3000 LB FCS SOCKET WELD	M&E # 30-015444	ASP # 529	N/A	SA-105	N/A	Replacement	No
SOCK-O-LET 2" X 32" 3000# CS	M&E # 00-19324	ASP # 23077	N/A	SA-105	N/A	Replacement	No

7. Description of work. Remove isokenetic probes and modify piping located on 2-OME-3-2 as per 2-DCP-4529.

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attachedRef. JOA: C54956-10Design Change 2-DCP-4529Repair / Replacement Plan C54956-10ISI 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 Conrad V Reid, Senior Planner  
 Owner or Owner's Designee, Title

Date 09/08, 20 00

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 4-6-00 to 9-8-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Minterbaugh  
 Inspector's Signature

Commissions Mich 0055, EN & NFI  
 National Board, State, Province, Endorsements

Date Sept 8 20 00

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS **347 of 465**  
As Required by the Provisions of the ASME Code Section XI

NIS-2-408-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Sep. 5, 00  
Name  
P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
Address  
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 2  
Name  
One Cook Place, Bridgman, MI 49106 C54956-16  
Address  
3. Work Performed by Installation Services Repair Org. P.O. No., Job No., etc  
Name Authorization No. N/A  
Same as #2 Expiration Date N/A  
Address  
4. Identification of System MAIN STEAM ASME CODE CLASS 2  
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed. N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
PIPE CARBON STEEL 3/4IN SCH 80 SEAMLESS	M&E # 30-014977	ASP # 21061	N/A	A-106 GR B	N/A	Replacement	No
INSERT REDUCER PIPE 2IN X 3/4IN 3000 LB FCS SOCKET WELD	M&E # 30-015444	ASP # 529	N/A	SA-105	N/A	Replacement	No
SOCK-O-LET 2" X 32" 3000# CS	M&E # 00-19324	ASP # 23077	N/A	SA-105	N/A	Replacement	No

7. Description of work. Remove isokenetic probes and modify piping located on 2-OME-3-3 as per 2-DCP-4529.

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C54956-16

Design Change 2-DCP-4529

Repair / Replacement Plan C54956-16

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 Conrad V Reid, Senior PlannerDate 09/08, 2000

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 4-6-00 to 9-8-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MF McIntosh  
 Inspector's Signature

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

Date Sept 8 2000

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

349 OF 465

NIS-2-409-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name

Date Sep. 5, 00

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

Sheet 1 of 2

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

Unit 2

One Cook Place, Bridgman, MI 49106  
Address

C54956-22

3. Work Performed by Installation Services  
Name

Repair Org. P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

Same as #2

Address

4. Identification of System MAIN STEAM

ASME CODE CLASS 2

5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
PIPE CARBON STEEL 3/4IN SCH 80 SEAMLESS	M&E # 30-014977	ASP # 21061	N/A	A-106 GR B	N/A	Replacement	No
INSERT REDUCER PIPE 2IN X 3/4IN 3000 LB FCS SOCKET WELD	M&E # 30-015444	ASP # 529	N/A	SA-105	N/A	Replacement	No
SOCK-O-LET 2" X 32" 3000# CS	M&E # 00-19324	ASP # 23077	N/A	SA-105	N/A	Replacement	No

7. Description of work. Remove isokenetic probes and modify piping located on 2-OME-3-4 as per 2-DCP-4529.

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C54956-22

Design Change 2-DCP-4529

Repair / Replacement Plan C54956-22

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/A

Signed Conrad V Reid, Senior Planner  
 Owner or Owner's Designee, Title

Date 09/08, 2000

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 9-6-00 to 9-8-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions MIC 0055, ENR N&T  
 National Board, State, Province, Endorsements

Date Sept 8 2000



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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 02-25-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C55035-01  
One Cook Place, Bridgman, MI 49106 Component# 2-IMO 212
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Containment Spray
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add. Code Case: N/A  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. **Identification of Components Repaired or Replaced and Replacement Components**

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-IMO-212						
VALVE BODY	A351 CF8M	ALOYCO	EXISTING	N/A	REPAIRED (Machined)	N/a

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure N/A  
NDE: PT on machined surface Pressure: psi Test Temperature F.

**Description of Work: PERFORMED MACHINING OF THE CIRCUMFERENTIAL BONNET SEATING CHANNEL OF THE VALVE TO ALLOW PROPER MATING OF THE BODY TO BONNET CONNECTION. AN INTERNAL PROCESS (PMI-5023) WAS PREPARED FOR THE MACHINING.**

Job Order/File: C55035-01 ISI Class 2**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in the report are correct and this repair and/or 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: Dewayne Timmons, welding supervisor Date 9-2-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 2-23-00 to 9/5/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Michael J. Timmons Commissions Mich 0055, ENR N & I  
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 5 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 3-9-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C55137-01  
One Cook Place, Bridgman, MI 49106 Component# 2-GCTS-R-2
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY PIPING SUPPORT
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: NONE  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-GCTS-R-2						
PLATE, STEEL	ASTM A- 36 1990 Edition or later	N/a	M & E 30-153201 ASP 13127	N/A	REPAIRED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a  
NDE: PRE-SERV. VT-3(for support / VT & MT OF FINAL WELDS  
Pressure: psi n/a Test Temperature n/a F.

**Description of Work:** CORRECTED GAP DISCREPANCY BY INSTALLING  
 SHIM I.A.W. MDS-603. AFTER WHICH A FINAL VT-3 NDE WAS  
 PERFORMED ON THE WELDS. VT-3 PERFORMED BY QC ON ACT.#02

Job Order/File: C55137-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in the report are correct and this repair and/or 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: Dewayne Timmons, welding supervisorDate 9-2-00

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 2-28-00 to 9-4-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M. A. Mutapough  
Inspector's SignatureCommissions MICH 0053, END NSE  
National Board, State, Province, EndorsementsDate: SEPT 4 18 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 3-9-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C55153-01  
One Cook Place, Bridgman, MI 49106 Component# 2-GCTS-R-3
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY PIPING SUPPORT
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: NONE  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-GCTS-R-3						
PLATE, STEEL	ASTM A-36 1990 ed. or newer	N/a	M & E 30-153201 ASP 13127	N/A	REPAIRED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a  
NDE: VT& MT OF FINAL WELDS Pressure: psi n/a  
Test Temperature n/a F. VT-3 (for support)

**Description of Work:** Corrected gap in support by installation of a shim by welding. A subsequent VT-3 was performed for the support.

Job Order/File: C55153-01

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-2-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 3-9-00 to 9-4-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MR. Waterhouse Commissions MICHIGAN, END NBE  
 Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 4 19<sup>th</sup> 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 3-20-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C55312-01  
One Cook Place, Bridgman, MI 49106 Component# 2-CCW-135
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: COMPONENT COOLING WATER
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CCW-135						
VALVE CHECK 2-1/2 INCH 150 LB	316 STAINLESS	CENTERLINE	M & E 30-034574 ASP 22793	N/A	REPLACED	NO
ROD, (3 FT) 5/8 IN 11 UNC	ASME SA-193 GR B7		M & E 30-211610 ASP 21390	N/A	REPLACED	NO
NUT, HEX (8) 5/8" 11 UNC	ASME SA 194 GR.2H		M & E 30-211880 ASP 22569 (4) 21441 (4)	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: IN-SERV. VT-2 Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

Description of Work: REMOVED EXISTING VALVE FROM SYSTEM AND REPLACED WITH NEW VALVE.  
 AN "IN SERVICE VT-2" PMT WAS PERFORMED IN ACT 08 (SAT).

Job Order/File: C55312-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned [Signature] owner's Supr. welding Date 9-1-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 3-2-00 to 9-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,

Section XI

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

[Signature]  
Inspector's SignatureCommissions MICH 0055, ENDR I  
National Board, State, Province, EndorsementsDate: September 2 18 2000



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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 the number of sheets is recorded at the top of this form.

## FORM NIS-2 (Back)

9. Remarks : Ref. JO: C55332-08 Design Change: 2-DCP-4464  
Applicable Manufacturer's Data Reports to be attached  
Repair/Replacement Traveler: C55332-08 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 James Ponton  
James Ponton, Senior Planner  
 Owner or Owner's Designee, Title

Date 7/3/00 24 7:50  
15

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by Factory Mutual Insurance Co. of Johnston, R.I. 02919  
 Have inspected the components described in this Owner's Report during the period 3-28-00 to 7/6/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W.R. McIntosh Commissions NB 7030, Mich 0055, END N&I  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 6 15 2000

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

As Required by the Provisions of the ASME Code Section XI

361 OF 465

NIS-2-294-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2

Date 06/07/00  
 Sheet 1 of 2  
 Unit #2  
C55332-13  
 Repair Org. P.O. No., Job No., etc  
 Type Code Symbol Stamp N/A  
 Authorization No. N/A  
 Expiration Date N/A

4. Identification of System Waste Disposal System ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
Fig.211 Size "B" Sway Strut 3" Pipe Clamp	P.O.# 7654 Temp M&E# 19323 Req# K517	ASP# 23201	N/A	Replacement	N/A	Replacement	N/A
ube Steel 3x3x1/4	M&E# 30-150169	ASP# 22500	N/A	ASTM A500 1990	N/A	Replacement	No

7. Description of work Remove the existing support and install new support 2-GWD-R20 per 2-DCP-4464 and any relevant FCN's

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

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

## FORM NIS-2 (Back)

9. Remarks Ref. JO: C55332-13 Design Change: 2-DCP-4464  
Applicable Manufacturer's Data Reports to be attached


Repair/Replacement Traveler: C55332-13 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  Conrad V Reid, Senior Planner Date June 7, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 5-6-00 to 7-10-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

 Commissions NIS 9030, Mich 0055, END NIT  
Inspector's Signature National Board, State, Province, Endorsements

Date July 10 15 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-12-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C55374-05  
One Cook Place, Bridgman, MI 49106 Component# 2-PP-26S
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: SAFETY INJECTION
5. (a) Applicable Construction Code: ASME SEC. III1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-PP-26S						
PUMP, TYPE JTCH-10	ASME SA487	PACIFIC	M & E 30-014850  ASP# 11688	N/A	REPLACED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure ✓  
 NDE: VT-2 preservice n/a Pressure: psi n/a Test Temperature F.

**Description of Work:** REPLACED EXISTING 2-PP-26S PUMP WITH A NEW PUMP ASSEMBLY . PUMP WAS ISSUED ON C55250-01 PER CREM ACT#05. VT-2 FUNCTIONAL TEST WILL BE ADDRESSED VIA ESAT 00249112.

3646# 465

Job Order/File: C5374-05 ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-9-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Michigan and employed by FMIC OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 3/9/00 to 9/9/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M. H. Timmons Commissions MIC 0055, END NSE  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 9 19<sup>TH</sup> 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-12-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C55374-20  
One Cook Place, Bridgman, MI 49106 Component# 2-PP-26S
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: SAFETY INJECTION
5. (a) Applicable Construction Code: ANSI B31.1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-PP-26S						
ELBOW 1/2"	ASME SA-182 F304	N/A	EXISTING	N/A	REPAIRED	NO
PIPE	ASME SA-312 GR TP 304	N/A	EXISTING	N/A	REPAIRED	NO
VALVE BODY 1/2" (weld to)	ASME SA-351 CF8M	N/a	EXISTING	N/A	REPAIRED	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A  
NDE: VT/PT for final weld Pressure: psi N/A Test Temperature N/A F.

**Description of Work:** REPAIRED SOCKET WELDS ON DRAIN PIPING FROM 2-PP-26S TO SHUTOFF VALVES.

**Job Order/File:** C5374-20 **ISI Class** 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Jimmons welding supervisor Date 9-9-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by FMIC OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 3-22-00 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M. R. McIntyre Commissions MICHIGAN, END NFI  
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 9 19 2000



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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 3-15-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C55515-01  
One Cook Place, Bridgman, MI 49106 Component# 2-GBD-S569-U
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: STEAM GENERATOR BLOWDOWN
5. (a) Applicable Construction Code: ANSI B31.1, 1983ED NO Add., Code Case: NONE  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-GBD-S569-U						
CONF "A" MODIFIACATION KIT	Supplied by Grinnell	GRINELL	M & E 30-040600 ASP 18186	N/A	REPAIR	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A
8. 8. NDE: PRE SERVICE "VT3" Pressure: N/A Test Temperature N/A.

**Description of Work:** Rebuild snubber using a configuration "A"1.5" kit with  
10" TRAVEL. VT-3 was performed per 12MHP4030.STP.004 included  
within job order activity R74618-01 provided as a hardcopy.

Job Order/File: C55515-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding Supervisor Date 9-7-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 3-14-00 to 9-7-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Dewayne Timmons  
 9-7-00 Inspector's Signature

Commissions mi. 762 NBI  
 National Board, State, Province, Endorsements

Date: Sept. 7 18 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 0-31-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C55592-01  
One Cook Place, Bridgman, MI 49106 Component# 2-AFW-S4029
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: FEEDWATER SYSTEM PIPE SUPPORT
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-AFW-S4029						
SNUBBER, CONFIGURATION "A" 2-1/2 IN	Material supplied by Grinnell modification Config "A" kit 2-1/2"	GRINNELL	M & E 30-040551 ASP 20923	N/A	REPLACED	NO
BUSHING, PISTON ROD	Material supplied by Grinnell	GRINNELL	M & E 30-024791 ASP 20905	N/A	REPLACED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a  
 N/A NDE: PRE-SERV. VT-3 Pressure: psi Test Temperature F.

Description of Work: REPLACE EXISTING SNUBBER WITH CONFIGURATION "A"  
SNUBBER KIT & PISTON ROD BUSHING PER EE-2000-0037. VT-3 performed iaw  
12MHP4030.STP.004 att.# 4 included with JOA.

Job Order/File: C0055592-01

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-9-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 3-21-00 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M. X. Muterapaul Commissions Mich 0055, ENR N&E  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 9 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 08-17-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C55636-01  
One Cook Place, Bridgman, MI 49106 Component# 2-NMO-153
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Pressurizer
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. **Identification of Components Repaired or Replaced and Replacement Components**

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-NMO-153						
DISC WEDGE	ASME SA-182 F316	VELAN	EXISTING	N/a	REPAIRED	N/A

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure VT-2  
 NDE: PT on machined surfaces Pressure: psi Test Temperature F.

**Description of Work:** Sharp edges were machined from the valve disc and guides. VT-2 was performed on R73019-01. Crem for the VT-2 is included for verification.

Job Order/File: C55636-01 ISI Class 1**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp 1ACertificate of Authorization No. N/A Expiration Date 1ASigned: Dewayne Timmons, welding supervisorDate 9-2-00

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 8-16-00 to 9-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Inspector's Signature MA [Signature]

Commissions

Michigan, End N&E  
National Board, State, Province, EndorsementsDate: Sept 5 19 2000

3730F 465

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 3-12-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C55687-03.10  
One Cook Place, Bridgman, MI 49106 Component# 2-PP-26N
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: SAFETY INJECTION
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-PP-26N						
ORIFACE/SPACER	SA-240 TP 316	ENERGY  STEEL	P.O.# 680-1  ASP# 22717	N/A	INSTALLED	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure ✓  
 N/A NDE: VT 2 functional test Pressure: psi Test Temperature F.

**Description of Work:** DISASSEMBLED DISCHARGE PIPE FLANGE, INSPECTED  
BOLTING AND SEATING AREA( SAT), INSTALLED SPACER/ORIFACE BETWEEN  
FLANGES. SPACER/ORIFICE WAS LATER REMOVED IN ACTIVITY 10 OF THIS JOB  
ORDER AND REPLACED WITH A DIFFERENT ORIFACE. VT-2 performed on C55687-06  
with crem provided for review

**Job Order/File:** C55687-03.10 **ISI Class** 2

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dwayne Timmons, welding Supervisor Date 9-8-00  
 Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by . FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 5-16-00 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MK Mintergough Commissions MK40055, ENCL NSE  
 Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 9 19 2000



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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 3-28-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C-55687-10  
One Cook Place, Bridgman, MI 49106 Component# 2-PP-26N
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: SAFETY INJECTION
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
ORIFICE PLATE	A240 TP 316	N/A	TEMP M & E 00-19350 ASP 227717	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure N/A  
 NDE: VT-2                      Pressure: psi                      Test Temperature                      F.

**Description of Work: INSTALLED ORIFICE PLATE PER DCP 558  
 AFTER WHICH A VT-2 FUNCTIONAL WAS PERFORMED.**

Job Order/File: C-55687-10  
C556887-10ISI Class 10 /**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-12-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 3-16-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M. R. McIntosh Commissions MICHOSS, ENJNFI  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 12 19 2000

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

377 of 465

NIS-2-300-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 06/12/00

Sheet 1 of 2

Unit # 2

C56088-01  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Containment Spray ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCTS-R501 W4 x 13	M&E# 30-153288	ASP# 22442	N/A	A36-90	N/A	Replacement	N/A
2-GCTS-R501 1/8" x 6-1/2" Hilti Kwik Bolt II	M&E# 30-046274	ASP# 17865	N/A	N/A	N/A	Replacement	N/A
2-GCTS-R501 3/8" Plate	M&E# 30-153192	ASP# 22530	N/A	A36-93	N/A	Replacement	N/A
2-GCTS-R501 1/4" Plate	M&E# 30-153197	ASP# 21858	N/A	A36-93a	N/A	Replacement	N/A

7. Description of work 2-LDCP-4663 Eliminate excessive gap at hanger 2-GCTS-R501

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

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

## FORM NIS-2 (Back)

## Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: C56088-01 Design Change: 2-LDCP-4663

Repair/Replacement Plan: C56088-01 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/A

Signed Conrad V Reid, Senior Planner Date June 12, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 4/25/00 to 6/29/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Michael R. McIntosh Commissions NB9030, MICHOSS, ENRNI  
 Inspector's Signature National Board, State, Province, Endorsements

Date 29 June 15 2000

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

**379 of 465**

NIS-2-375-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date Sep. 1, 00

Sheet 1 of 2

Unit 2

C56260-01  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Chemical 7 Volume Control ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed. N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GCS-R134 Angle 2 x 2 x 3/8	M&E # 30-153030	ASP # 21574	N/A	A36-1990	N/A	Replacement	No
Plate 1/2"	M&E # 30-153148	ASP # 21499	N/A	A36-1991	N/A	Replacement	No
Plate 5/8"	M&E # 30-153194	ASP # 19148	N/A	A36- 93	N/A	Replacement	No

7. Description of work. Modify support 2-GCS-R134 per DCP-0647.

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C56260-01

Design Change DCP-0647

Repair / Replacement Plan C56260-01

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/A

Signed Conrad V Reid, Senior Planner Date 09/02, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 4-1-00 to 9/6/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

MR. Montague Commissions Michigan, ENR NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date SEPT 6 2000

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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

NIS-2-377-00

1. Owner AMERICAN ELECTRIC POWER COMPANY Date Sep. 1, 00  
     Name  
     P.O. Box 60 Fort Wayne, IN 46801 Sheet 1 of 2  
     Address
2. Plant D.C. COOK NUCLEAR POWER PLANT Unit 1  
     Name  
     One Cook Place, Bridgman, MI 49106 C56261-01  
     Address Repair Org. P.O. No., Job No., etc  
     Type Code Symbol Stamp N/A  
     Authorization No. N/A  
     Expiration Date N/A
3. Work Performed by Installation Services  
     Name  
     Same as #2  
     Address
4. Identification of System Spent Fuel ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
     (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GSF-R101 Plate 1/2"	M&E # 30-153148	ASP # 22609	N/A	A36-1991	N/A	Replacement	No
Angle 4 x 4 x 1/2"	M&E # 30-153018	ASP # 18271	N/A	A36-1990	N/A	Replacement	No
S 3x3x1/4"	M&E # 30-150169	ASP # 22500	N/A	A500-1990	N/A	Replacement	No
Uni-strut Nut 5/8"	M&E # 30-072970	ASP # 15102	N/A	P1012S-EG	N/A	Replacement	No
Hilti Bolt 1/2"	M&E # 30-046271	ASP # 21920	N/A	HKB II 12-7	N/A	Replacement	No
Bolt 5/8"	M&E # 30-211295	ASP # 20656	N/A	SA193 GR B7	N/A	Replacement	No
Plate 1/2"	M&E # 30-153193	ASP # 21962	N/A	A36- 93A	N/A	Replacement	No
Hilti Bolt 1/2"	M&E # 30-046270	ASP # 21944	N/A	HKB II 12-512	N/A	Replacement	No

7. Description of work. Modify support 12-GSF-R101 per DCP-0647.

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

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

**FORM NIS-2 (Back)**

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C56261-01

Design Change DCP-0647

# Repair / Replacement Plan C56261-01

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 Conrad V Reid, Senior Planner Date 09/02, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 4-1-00 to 9/4/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

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

Date Sept 4 2000



**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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338

R5A  
9/14/00

NIS-2-376-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address
- Date Sep. 1, 00  
Sheet 1 of 2  
Unit 2  
C56261-02  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A
4. Identification of System Spent Fuel ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GSF-R31 Angle 2 x 2 x 1/4"	M&E # 30-153012	ASP # 22306	N/A	A36-1990	N/A	Replacement	No
Plate 1/2"	M&E # 30-153145	ASP # 22102	N/A	A36- 93A	N/A	Replacement	No

7. Description of work. Modify support 2-GSF-R31 per DCP-0647.

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C56261-02

Design Change DCP-0647

Repair / Replacement Plan C56261-02

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

Signed Conrad V Reid, Senior Planner  
 Owner or Owner's Designee, Title

Date 08/02, 2000

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 8-1-00 to 8-4-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions MICHOSS, END NBI  
 National Board, State, Province, Endorsements

Date Sept 4 2000

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS** 385 OF 465  
As Required by the Provisions of the ASME Code Section XI

NIS-2-378-00

Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address  
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address  
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date Sep. 1, 00  
Sheet 1 of 3  
Unit 2  
C56261-03  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Spent Fuel ASME CODE CLASS 2  
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-ASF-R4001 Plate 1/2"	M&E # 30-153193	ASP# 22277	N/A	A36- 93A	N/A	Replacement	No
Hilti Bolt 1/2"	M&E # 30-046270	ASP # 21944	N/A	HKB II 12-512	N/A	Replacement	No
3 2x2x 1/4"	M&E # 30-150165	ASP # 22353	N/A	A500-1990	N/A	Replacement	No
2-ASF-R4003 Plate 1/2"	M&E # 30-153188	ASP # 21858	N/A	A36- 93A	N/A	Replacement	No
Hilti Bolt 1/2"	M&E # 30-046270	ASP # 21944	N/A	HKB II 12-512	N/A	Replacement	No
TS 3x3x 1/4"	M&E # 30-150169	ASP # 22500	N/A	A500-1990	N/A	Replacement	No
Angle 2 x 2 x 1/4"	M&E # 30-153012	ASP # 22586	N/A	A36-1990	N/A	Replacement	No
Hilti Bolt 1/2"	M&E # 30-046271	ASP # 21920	N/A	HKB II 12-7	N/A	Replacement	No
Angle 2 x 2 x 1/4"	M&E # 30-153012	ASP # 22306	N/A	A36-1990	N/A	Replacement	No

7. Description of work Modify / Install supports 2-ASF-R4001, 2-ASF-R4002, 2-ASF-R4003 and 2-GSF-R11 PER DCP-0647.

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

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

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

386 OF 465

NIS-2-378-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date Sep. 1, 00

Sheet 2 of 3

Unit 2

C56261-03  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System SPENT Fuel ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-ASF-R4002 Sway Strut	M&E # 00-9670	ASP# 20875	N/A	Fig.# 211	N/A	Replacement	No
late 1/2"	M&E # 30-153188	ASP # 21858	N/A	A36- 93A	N/A	Replacement	No
Hilti Bolt 1/2"	M&E # 30-046270	ASP # 21944	N/A	HKB II 12-512	N/A	Replacement	No
2-GSF-R11 Angle 2 1/2"x2 1/2"x3/8	M&E # 30-153031	ASP # 22349	N/A	A36- 1991	N/A	Replacement	No
Plate 1/2"	M&E # 30-153193	ASP # 22586	N/A	A36- 93A	N/A	Replacement	No
Hilti Bolt 1/2"	M&E # 30-046271	ASP # 21920	N/A	HKB II 12-7	N/A	Replacement	No
Plate 1/2"	30-153211	Asp # 22134	N/A	A36-1990	N/A	Replacement	No

7. Description of work. Modify / Install supports 2-ASF-R4001, 2-ASF-R4002, 2-ASF-R4003 and 2-GSF-R11 PER DCP-0647.

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA C56261-03

Design Change DCP-0647

Repair / Replacement Plan C56261-03

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 Conrad V. Reid, Senior PlannerDate 09/08, 20 00

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 8-1-00 to 9-8-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions

Michigan, EN2NFI  
National Board, State, Province, EndorsementsDate Sept 8 20 00

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

388 of 465

NIS-2-379-00

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date Sep. 1, 00

Sheet 1 of 2

Unit 2

C56261-04  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Spent Fuel ASME CODE CLASS 2
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-GSF-R5 Plate 1/2"	M&E # 30-153188	ASP # 21858	N/A	A36- 93A	N/A	Replacement	No
Hilti Bolt 1/2"	M&E # 30-046270	ASP # 21944	N/A	HKB II 12-512	N/A	Replacement	No
Angle 3 x 3 x 3/8"	M&E # 30-153032	ASP # 15971	N/A	A36-1990	N/A	Replacement	No
Plate 1/2"	M&E # 30-153193	ASP # 21962	N/A	A36-1990	N/A	Replacement	No
Plate 1/2"	M&E # 30-153211	ASP # 22281	N/A	A36- 93A	N/A	Replacement	No
Hilti Bolt 1/2"	M&E # 30-046271	ASP # 21920	N/A	HKB II 12-7	N/A	Replacement	No
2-ASF-R4004 Plate 1/2"	M&E # 30-153193	ASP # 21962	N/A	A36- 93A	N/A	Replacement	No
Plate 1/2"	M&E # 30-153211	ASP # 22134	N/A	A36-1990	N/A	Replacement	No
TS 2x2x 1/4"	M&E # 30-150165	ASP # 21507	N/A	A500-1990	N/A	Replacement	No
TS 3x3x 1/4"	M&E # 30-150169	ASP # 21834	N/A	A500-1990	N/A	Replacement	No
Hilti Bolt 5/8"	M&E # 30-046274	ASP # 17865	N/A	HKB II 58-812	N/A	Replacement	No
Hilti Bolt 1/2"	M&E # 30-046271	ASP # 21920	N/A	HKB II 12-7	N/A	Replacement	No

7. Description of work. Modify / Install supports 2-GSF-R5 and 2-ASF-R4004 PER DCP-0647.

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JOA: C56261-04

Design Change DCP-0647

Repair / Replacement Plan C56261-04

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/A

Signed Conrad V Reid, Senior Planner  
 Owner or Owner's Designee, Title

Date 09/02, 2000

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 4-1-00 to 9-4-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Mr. [Signature]  
 Inspector's Signature

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

Date Sept 4 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 4-26-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C56490-01  
One Cook Place, Bridgman, MI 49106 Component# 2-GCTS-V-724
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY PIPING SUPPORT
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-GCTS-V-724						
PIN/BOLT 7/8 HS 68	VENDER SUPPLIED  BOLT MADE OF NUCLEAR GRADE CARBON STEEL.	GRINNELL	M & E 00-019424  P.O. No: 7824  ASP 23216	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: PRE-SERV. VT-3 Pressure: psi Test Temperature \_\_\_\_\_ F.

Description of Work: REPLACED EXISTING HARDWARE WITH NEW SUITABLE BOLT AS IDENTIFIED IN DWG. 2-GCTS-V-724.

PRE-SERVICE "VT-3" WAS PERFORMED IN ACT 02 OF JO. NO RELEVANT CONDITIONS NOTED.



Job Order/File: C56490-01

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Donny J. Simmons Maint. Supv. Welding Date 9-4-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 4/14/00 to 9-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: SEPT 5 18 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 4-16-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C56537-01  
One Cook Place, Bridgman, MI 49106 Component# 2-CS-534
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Chemical Volume Control
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add., Code Case: None used  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CS-534						
BALL FOR 4" BNL VALVE	SA-479 TYPE 316	BNL Industries	ASP# 23130 NU04-7867	N/A	REPLACED	NO

7. Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A  
 NDE: NONE Pressure: psi Test Temperature F.

Description of Work: REPLACED BALL IN VALVE.

Job Order/File: C0056537-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in the report are correct and this repair and/or 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: Dewayne Timmons welding Supervisor Date 9-9-00

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by FMIC of Johnston R.I.

have inspected the components described in this Owner's Report during the period 4-17-00 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MR. M. Timmons  
Inspector's Signature

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

Date: SEPT 9 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 05-19-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C56813-02  
One Cook Place, Bridgman, MI 49106 Component# 2-FW-138-1
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Auxiliary Feedwater
5. (a) Applicable Construction Code: ASME SEC.III, 1986 ED. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. **Identification of Components Repaired or Replaced and Replacement Components**

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
1-FW-138-1						
Disc	ASTM A-675 gr.70~	Atwood Morrill	M&E# 30-034386 ASP# 13610	N/a	Replaced	N/a
Lug from steel bar	ASTM A-36 1990 Edition of newer	N/a	M&E# 30-153150 ASPS# 23052	N/a	Welded to Disc	N/a

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a  
 NDE: VT&MT Pressure: psi n/a Test Temperature n/a F.

**Description of Work:** Replaced disc and welded anti rotation lugs to disc assembly

Job Order/File: C56813-02 ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-4-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 5-17-00 to 9/5/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Mark Whiting Commissions MICHIGAN, END NBT  
 Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 5 19<sup>th</sup> 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 05-24-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C202532-01  
One Cook Place, Bridgman, MI 49106 Component# 2" CTS piping
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
PIPE PLUG	SA-182 F304		EXISTING	N/A	REPAIRED	NO
THREDOLET	SA-182 F304		EXISTING	N/A	REPAIRED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a  
NDE: VT & PT on final seal welds Pressure: psi Test Temperature F.

**Description of Work:** SEAL WELDED THE EXISTING 2" PIPE PLUGS ON THE CTS  
 HEADER PER SECTION XI R/R. NDE PERFORMED ON FITUP TO ENSURE REMOVAL  
 OF THREADED AREA. VT/PT ON FINAL SEAL WELDS.

Job Order/File: C0202532-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons welding Supervisor Date 9-8-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 5/22/00 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: SEPT 9 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 5-28-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C202874-01  
One Cook Place, Bridgman, MI 49106 Component# 2-CCW-135
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: COMPONENT COOLING WATER
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CCW-135						
VALVE CHECK 2-1/2 INCH 150 LB	316 STAINLESS	CENTERLINE	M & E 30-034574 ASP 22793	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: VT-2 IN -SERVICE Psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

**Description of Work:** REMOVED EXISTING VALVE, REPLACED WITH  
NEW VALVE AFTER WHICH A VT-2 INSERVICE EXAM WAS  
PERFORMED UNDER JOA 05 (SAT).



Job Order/File: C0202874-01 ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: *Dwayne Simpson* MAINT SUPERV. WELDING Date 9-2-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 5-30-00 to 9-4-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

*Mike Michalski* Commissions *Mich 0053, END N.E.I.*  
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 4 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 6-4-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C203155-01  
One Cook Place, Bridgman, MI 49106 Component# 2-TK-87
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: LEAKAGE DETECTING ENCLOSURE SYSTEM
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-TK-87						
BOLT, STUD	SA A193 GR. B7		REMOVED FROM 2-TK-85	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure                       
 N/A                      NDE:                      Pressure: psi                      Test Temperature                      F.

**Description of Work:** DURING TANK CLOSURE DISCOVERED STRIPPED OUT STUD FOR BOLTING DOWN OF TANK COVER.

A DECISION WAS MADE TO CANABLIZE STUD FROM 2-TK-85 VIA JO # 203301-01.

INSTALLED REPLACEMENT STUD AND CLOSED MANWAY COVER.

Job Order/File: C203155-01 ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: *Dezayre* MAINT Supv. welding Date 9-1-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 6-5-00 to 9-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

*MAINT Supv. welding*  
 Inspector's Signature

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

Date: SEPTEMBER 2 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 7-23-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# C205954-01  
One Cook Place, Bridgman, MI 49106 Component# 2-FW-118-4
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: FEEDWATER
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add. Code Case: N-416-1  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-FW-118-4						
CHECK VLV BONNET	ASME-SA 115 GR. 70	ATWOOD AND MORRILL	EXISTING	N/A	REPAIRED	NO
PIPEPLUG	ASME SA 234 GR. WPB		EXISTING	N/A	REPAIRED	NO
WELD FILLER	ER70S-2 AND/OR E7018		ASP 22703	N/A	REPAIRED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: MT \_\_\_\_\_ Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

Description of Work: SEAL WELDED PLUG TO WPS 1.2TS SECTION 80 FOR SEAL WELD. WELDED TWO  
PASSES. MT PERFORMED BY QC (SAT).

Job Order/File: C205954-01

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned: Paul J. Higgins MAINT. Supr. Welding Date 9-4-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 7/24/00 to 9-6-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MR. M. J. Higgins Commissions MICH 0055, ENR NFI  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 6 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-12-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# C207086-01  
One Cook Place, Bridgman, MI 49106 Component# 2-CTS-120-E
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY ADDITIVE
5. (a) Applicable Construction Code: ASME SECT III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CTS-120E						
VALVE (DISC)	ASME SA351 TYPE CF8M	ALOYCO	M & E 30-03354 ASP 1044	N/A	REPLACED	NO

7. Hydrostatic            Pneumatic            Nominal Operating Pressure N/A  
 NDE: NONE REQ. Pressure:            psi Test Temperature            F.

**Description of Work: DISASSEMBLED VALVE, INSPECTED INTERNALS. VALVE DISC WAS REPLACED AND VALVE REASSEMBLED.**

Job Order/File: C207086-01

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: *Donnyl Simpson* MAINT Supv. Welding Date 9-4-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 8-14-00 to 9/4/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

*Mike Michalos* Commissions Mich 0055, END N&I  
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 6 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 11-4-99  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# R18427-02.15.19  
One Cook Place, Bridgman, MI 49106 Component# 2-PP-50E
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CHARGING (CVCS)
5. (a) Applicable Construction Code: ASME SEC.III, 1968 Code Case: N-416-1  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-PP-50E						
PIPE 6"	ASME SA-312 gr.TP304	N/A	EXISTING	N/A	CUT/REWELD	NO
ELBOW 6"	ASME SA-403 gr.WP304	N/A	EXISTING	N/A	CUT/REWELD	NO
ROD 3/4"	ASME SA-453 gr.660	N/A	M&E# 30-212295 ASP# 19160	N/A	REPLACED	NO
NUT 3/4"	ASME SA-194 gr.8F	N/A	M&E# 30-046903 ASP# 15347	N/A	REPLACED	NO
PUMP CLADDING	ER308 FILLER MATERIAL	INGERSOLL- DRESSER	EXISTING	N/A	REPAIR	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure N-416-2

NDE: VT/PT/RT Pressure: psi Test Temperature F.

**Description of Work:** REMOVED INDICATION IN PUMP CLADDING BY GRINDING AND

RECONSTRUCTED AREA BY WELDING WITH VT/PT EXCAVATION & VT/PT FINAL. THE 6" PIPING TO THE  
NOZZLE WAS CUT AND REWELDED FOR ACCESS TO CLADDING REPAIR. VT FOR FITUP AND VT/PT/RT



ON FINAL WELDS. A SYSTEM LEAKAGE TEST PER N-416-1 CODE CASE IN LIEU OF A HYDROSTATIC TEST WAS PERFORMED FOR THE 6" PIPE WELDS. FASTENERS WERE REPLACED ON THE PUMP INLET FLANGE CONNECTION.

NOTE: NEW DESIGN CODE FOR THE PIPE CUT/REWELDING AND REPLACEMENT OF FLANGE FASTENERS IS ANSI B31.1 1983 EDITION. NEW DESIGN CODE YEAR ON FIRST PAGE IS RELATIVE TO CLADDING REPAIR.

Job Order/File: R18427-2,15,19      ISI Class    2

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA      Expiration Date NA

Signed: Dewayne Timmons, welding Supervisor      Date 9-9-00  
Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Michigan and employed by FMIC of Johnston R.I.

have inspected the components described in this Owner's Report during the period 11/1/99 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

DMA McIntosh      Commissions MICHIGAN, END N&I  
Inspector's Signature      National Board, State, Province, Endorsements

Date: SEPT 9 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 11-4-99  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# R18427-19  
One Cook Place, Bridgman, MI 49106 Component# 2-PP-50E
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CHARGING (CVCS)
5. (a) Applicable Construction Code: ASME SEC.III, 1968 Code Case: NONE  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-PP-50E						
PUMP	ASME SA-106	INGERSOLL-DRESSER	EXISTING	N/A	REPAIR	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure                       
 N/A                      NDE: PT                      Pressure: psi                      Test Temperature                      F.

**Description of Work:** REMOVED INDICATION BY GRINDING AND  
RECONSTRUCTED AREA BY WELDING AFTER WHICH "QC"  
PERFORMED A PT TO DETERMINE THE REMOVAL OF THE  
INDICATION AND ENSURE AREA TO BE ACCEPTABLE.

Job Order/File: R18427ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: [Signature] owner's Super. welding Date 9-1-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 7-1-99 to 9-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code,  
 Section XI

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

MA Mutersbaugh Commissions MICH 0055, ENR N&T  
 Inspector's Signature National Board, State, Province, Endorsements

Date: September 2 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 12-12-97  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# R23861-01  
One Cook Place, Bridgman, MI 49106 Component# 2-FW-812 <sup>Ext</sup> 9/13/00 Z-AFW-S-4033
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: FEEDWATER
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
<u>2-FW-812 <sup>Ext</sup> 9/13/00</u> <u>Z-AFW-S-4033</u> SNUBBER						
CONFIGURATION "A" KIT	Material supplied by Grinnell for fig.200N Suitable for nuclear application	Grinnell	M & E 30 024700 ASP18413	N/A	REPLACED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a  
NDE: PRE-SERV VT-3 Pressure: psi Test Temperature F.

Description of Work: REMOVED EXISTING 2-FW-S12 SNUBBER, REPLACED SNUBBER  
WITH NEW CONFIGURATION "A" KIT. VT-3 PERFORMED AND DOCUMENTED  
12MHP4030.STP.0-29 ATTACHMENT# 4 INCLUDED IN JOA.

Job Order/File: R23861-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Dewayne Timmons  
Signed: Dewayne Timmons, welding Supervisor Date 8-7-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 8-19-97 to 9-7-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Inspector's Signature D. BlakeCommissions MI: 762 NAT

National Board, State, Province, Endorsements

Date: Sept. 7 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 10-3-97  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# R35790-01  
One Cook Place, Bridgman, MI 49106 Component# 2-GFW-S885
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: FEG 255
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-GFW-S885						
PIN TAPERED LOAD	FIG #312  Material supplied by Grinnell for nuclear grade application	Grinnell	<del>024975</del> M & E 30-024795 ASP 13571	N/A	REPLACED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a  
 N/A NDE: PRE-SERV. VT-3 Pressure: psi Test Temperature F.

PERFORMED IAW 12MHP4030.STP.004. ON SAME JOA.

**ISI Class 2**

## Owner or Owner's Designee, Title

~~19~~ 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 01-10-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# R39299-02  
One Cook Place, Bridgman, MI 49106 Component# 2-QRV-51
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: REACTOR COOLANT
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-QRV-						
TRIM ASSEMBLY	ASME SA 564 GR. 630 TP 17-4	COPE'S VULCAN	M & E 30- 036072 ASP 13873	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: VT-2 IN SERVICE Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

**Description of Work:** REPLACED TRIM ASSEMBLY, WHICH INCLUDED THE VALVE PLUG. THE VT-2 IN-SERVICE WAS PERFORMED UNDER JO # R75241-35 WHICH WAS A SYSTEM LEAKAGE TEST (SAT).



Job Order/File: R39299-02ISI Class 1**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned: [Signature] MAINT. SUPER. WELDING Date 8-31-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 12-13-99 to 9-1-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or of 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: SEPTEMBER 1 19 2000

416 of 465

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 3-1-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R39725-02  
One Cook Place, Bridgman, MI 49106 Component# 2-DCR-310
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: STEAM GENERATOR OME-3-4 BLOWDOWN
5. (a) Applicable Construction Code: ASME SECT. III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-DCR-310						
PLUG	ASTM A582-T416	HAMMERL DAHL	M & E 30-040938 ASP 14658	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure N/A  
 NDE: NONE Pressure: psi Test Temperature F.

Description of Work: **DISASSEMBLED, INSPECTED AND REFURBISHED VALVE  
 USING NEW PARTS AS NECESSARY. PLUG REPLACED, BOLTS & NUTS WERE  
 NOT REPLACED**

Job Order/File: R39725-02ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Bewayne A Timmons MAINT SUPER. WELDING Date 9-12-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FMIC OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 2-25-00 to 9-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M R Minterbaugh Commissions MICH 0055, END NBT  
 Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 12 18 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 3-25-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# R39783-02  
One Cook Place, Bridgman, MI 49106 Component# 2-DCR-330
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: BLOWDOWN
5. (a) Applicable Construction Code: ASME SECT. III, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-DCR-330						
BONNET-	ASME SA 182 GR. F5A		M & E 30-040710 ASP 19372	N/A	REPLACED	NO
PLUG	416 SS		M & E 30-040938 ASP 14557	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: NONE \_\_\_\_\_ Pressure: psi \_\_\_\_\_ Test temperature \_\_\_\_\_ F.

**Description of Work:** DISASSEMBLED VALVE AND INSPECTED. PRESURE RETAINING PARTS

REPLACED: VLV BONNET AND PLUG. AN IN-SERVICE "VT2" WAS PERFORMED IN ACT 05 AFTER REASSEMBLY OF VALVE.

NO WELDING OR MACHINING PERFORMED

Job Order/File: R39783-02ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: *Pauline J. Jarama* man. supr. welding Date 9-2-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 3-24-00 to 9-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: Sept 2 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 03-25-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R39783-11.02  
One Cook Place, Bridgman, MI 49106 Component# 2-DCR-330
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Blowdown
5. (a) Applicable Construction Code: ASME SEC.III, 1986 edition, Code Case: N/A  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-DCR-330						
Bonnet	SA-182 gr. F5A	Hammel Dahl	M&E# 30-040710 ASP# 19372	N/A	Replaced	N/a
Rod	ASME SA-193 gr.B7	N/a	M&E# 30-211590 ASP# 22808	N/a	Replace	N/a
Nut	ASME SA-194 gr.2H	N/a	M&E# 30-211860 ASP# 22814	N/a	Replace	N/a
Plug	ASTM A582 T416	Hammel Dahl	M&E# 30-040938 ASP# 14557	N/a	Replaced	N/a

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure VT-2  
NDE: VT,surface exam Pressure: psi Test Temperature                      F.

Description of Work: Replace bonnet, plug, bonnet studs/nuts.. VT-2 inservice test was performed on act.# 10 due to bonnet replacement. Subsequent machining was performed for flange reconditioning.

Job Order/File: R39783-2,11 ISIClass 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons MAINT Super. Welding Date 9-5-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 3-24-00 to 9-7-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MTA Mutamanga Commissions Mich 0055, ENCL NBT  
 Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 7 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 3-3-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R39784-02  
One Cook Place, Bridgman, MI 49106 Component# 2-DCR-340
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: STEAM GENERATOR OME-3-4 BLOWDOWN
5. (a) Applicable Construction Code: ASME SECT. III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-DCR-340						
PLUG	ASTM582-T416	HAMMERL DAHL	M & E 30-040938 ASP 14557	N/A	REPLACED	NO

7. Hydrostatic          Pneumatic          Nominal Operating Pressure N/A  
 NDE: NONE Pressure: psi Test Temperature F.

**Description of Work: DISASSEMBLED, INSPECTED AND REFURBISHED VALVE  
 USING NEW PARTS AS NECESSARY. PLUG REPLACED, BOLTS & NUTS WERE  
 NOT REPLACED**



Job Order/File: R39784-02

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne A Timmons MAINT Supv. Welding Date 9-8-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FMIC OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 2-25-00 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M. K. McIntyre Commissions MICHOSS, END N&I  
 Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 9 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 03-03-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R39785-02  
One Cook Place, Bridgman, MI 49106 Component# 2-DCR-320
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Blowdown
5. (a) Applicable Construction Code: ASME SEC. III 1986 ed. Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. **Identification of Components Repaired or Replaced and Replacement Components**

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-DCR-320						
Plug	ASTM A582 tp416	Neles-Jamesbury	M&E# 30-040938 ASP# 14557	N/a	Replaced	N/a

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure N/A  
 NDE: N/A Pressure: psi                      Test Temperature                      F.

**Description of Work:**

Replaced the valve's plug

Job Order/File: R39785-02ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons MAINT. Supt. Welding Date 9-1-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 2-25-00 to 9-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: September 2 19 2000

**97FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions for the ASME Code Section XI

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 11-10-97  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# R40610-02  
One Cook Place, Bridgman, MI 49106 Component# 2-MRV-211
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: MAIN STEAM
5. (a) Applicable Construction Code: ASME SEC. III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-MRV-211						
PLUG & STEM ASSY	ASTM A-582 S41600	FISHER CONTROLS	M & E 30-040005 ASP 17496	N/A	REPLACED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a  
 NDE: n/a Pressure: psi Test Temperature F.

**Description of Work:** DISASSEMBLED VALVE, INSPECTED. REPLACED TRIM ASSEMBLY WHICH INCLUDED THE PLUG.

Job Order/File: R40610-02ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-1-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI

have inspected the components described in this Owner's Report during the period 5/5/97 to 9-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MA [Signature]  
 Inspector's Signature

Commissions MICH 0055, ENCL NBS  
 National Board, State, Province, Endorsements

Date: SEPT 2 19 2000

**97FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions for the ASME Code Section XI

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 11-10-97  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R40611-02  
One Cook Place, Bridgman, MI 49106 Component# 2-MRV-242
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: MAIN STEAM
5. (a) Applicable Construction Code: ASME SECT. III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-MRV-242						
PLUG & STEM ASSY	A582 S41600	FISHER CONTROLS	M & E 30040005 ASP 15863	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: \_\_\_\_\_ Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

**Description of Work:** DISASSEMBLED VALVE, INSPECTED. REPLACED TRIM ASSEMBLY, REASSEMBLED VALVE.

Job Order/File: R40611-02ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dwight Harmon MAINT SUPERV. WELDING Date 9-2-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 5/5/97 to 9/4/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MAINT SUPERV. WELDING Commissions MICH 0055, END N&I  
 Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 4 19 2000

**97FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions for the ASME Code Section XI

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 10-28-97  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R40614-02  
One Cook Place, Bridgman, MI 49106 Component# 2-MRV-231
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: MAIN STEAM
5. (a) Applicable Construction Code: ASME SECT. III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-MRV-231						
PLUG & STEM ASSY	A582 S41600	FISHER CONTROLS	M & E 30040005 ASP 17496	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure                       
 N/A                      NDE:                      Pressure: psi                      Test Temperature                      F.

Description of Work: DISASSEMBLED VALVE, INSPECTED. REPLACED TRIM ASSEMBLY, REASSEMBLED VALVE.



Job Order/File: R40614-02

ISI Class 2

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned: Dwayne J. Jones Date 9-2-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 4-16-97 to 9-4-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M.R. Montemurrough Commissions MICH 0053, END N&I  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 4 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 11-1-97  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# R49140-04  
One Cook Place, Bridgman, MI 49106 Component# 2-SI-170-L4
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add. Code Case: NONE  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-SI-170-L4		ANCHOR VALVE				
ROD, THREADED 1-5/8 - 8 X 8-1/4	ASME SA-453 GRADE 660 CLASS B		M & E 30-047100 ASP10636	N/A	REPLACED	NO
NUT, HEAVY HEX 1-5/8 - 8	ASME SA-194 GR. 8		M & E 30-047375 ASP10636	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure                       
N/A NDE: PRE SERVICE VT1, VT 2 FUNCTIONAL Pressure: psi  
 Test Temperature                      F.

**Description of Work:** REMOVED VALVE BODY/BONNET STUDS & NUTS, A "VT1 EXAM WAS

PERFORMED ON ALL STUDS/NUTS.

FOUR (4) STUDS & NUTS REJECTED BY "QC". THE REJECTED STUDS/NUTS WERE REPLACED WITH NEW ONES MADE FROM MATL LISTED ON ASME SECT. XI REPAIR/REPLACEMENT PLAN. "VT1" EXAM WAS PERFORMED ON THE NEW STUDS/NUTS.

AFTER REINSTALLATION A "VT2 FUNTIONAL WAS PERFORMED VIA R74578-02 WITH CREM INCLUDED AS AN ATTACHEMENT FOR VERIFICATION.

**Job Order/File:** R49140-04

**ISI Class** 1

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons welding Supervisor Date 9-2-00  
Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 10/23/97 to 9-2-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

W.R. Mulrooney  
Inspector's Signature

Commissions MICHOSS, END N&I

National Board, State, Province, Endorsements

Date: Sept 2 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 05-28-96  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# R50566-02  
One Cook Place, Bridgman, MI 49106 Component# 2-CS-297W
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CHARGING (CVCS)
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add., Code Case: NONE  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CS-297W						
DISC	ASME SA-182 F316L	ANCHOR/ DARLING	M & E 30-034017 ASP 13552	N/A	REPLACED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a  
NDE: n/a Pressure: psi          Test Temperature F.

**Description of Work:** DISASSEMBLED VALVE FOR SOER 86-03 INSPECTION.  
REASSEMBLED VALVE REPLACING DISC WITH NEW PART.

Job Order/File: R50566-02 ISI Class 2**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in the report are correct and this repair and/or 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: Dewayne Timmons welding Supervisor Date 9-7-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FMIC of Johnston R.I.

have inspected the components described in this Owner's Report during the period 9/8/00 to 9/8/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

M. R. Ambrose  
Inspector's Signature

Commissions Mich 0055, EN & NFB  
National Board, State, Province, Endorsements

Date: SEPT 8 19 2000

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

As Required by the Provisions of the ASME Code Section XI

436 of 465

NIS-2-229-97

Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address  
 3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 07/01/00  
 Sheet 1 of 2  
 Unit # 2  
R59479-05  
 Repair Org. P.O. No., Job No., etc  
 Type Code Symbol Stamp N/A  
 Authorization No. N/A  
 Expiration Date N/A

4. Identification of System Reactor Coolant ASME CODE CLASS 1  
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-SV-45A	M&E# 30-036392 ASP# 19988	N56499 -01- 0001	N/A	Style HB-86-BP	N/A	Replaced	No

7. Description of work Removed and Replaced Valve 2-SV-45A for Set Point Testing.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
 N/A ☐ Other ☐ Pressure N/A psi Test Temp. N/A °F

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO. R59479-05 Design Change: N/A

Repair/Replacement Traveler: R59479-05 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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid Date July 1, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 2-21-97 to 7-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

W. A. McIntosh Commissions NB 9030, Mich 0055, END NFI  
Inspector's Signature National Board, State, Province, Endorsements

Date July 5 19 2000

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

As Required by the Provisions of the ASME Code Section XI

4380F 465

NIS-2-231-97

Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address  
 3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 07/01/00  
 Sheet 1 of 2  
 Unit # 2  
R59480-05  
 Repair Org. P.O. No., Job No., etc  
 Type Code Symbol Stamp N/A  
 Authorization No. N/A  
 Expiration Date N/A

4. Identification of System Reactor Coolant ASME CODE CLASS 1  
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-SV-45C	M&E# 30-036392 ASP# 19988	RV-2- 80100	N/A	Style HB-86-BP	N/A	Replaced	No

7. Description of work Removed and Replaced Valve 2-SV-45C for Set Point Testing.

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

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



## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO. R59480-05 Design Change: N/A

Repair/Replacement Traveler: R59480-05 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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date July 1, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 2-21-97 to 2-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 A. Montanari Commissions NB 9030, Mich 0055, END NRE  
Inspector's Signature National Board, State, Province, Endorsements

Date July 5 18 2000

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

As Required by the Provisions of the ASME Code Section XI

440 of 465

NIS-2-230-97

Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address  
 2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address  
 3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 07/01/00  
 Sheet 1 of 2  
 Unit # 2  
R59481-06  
 Repair Org. P.O. No., Job No., etc  
 Type Code Symbol Stamp N/A  
 Authorization No. N/A  
 Expiration Date N/A

4. Identification of System Reactor Coolant ASME CODE CLASS 1  
 5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989  
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2-SV-45B	M&E# 30-036392 ASP# 19988	N56499 -01- 0007	N/A	Style HB-86-BP	N/A	Replaced	No

7. Description of work Removed and Replaced Valve 2-SV-45B for Set Point Testing.

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

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

## FORM NIS-2 (Back)

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO. R59481-06 Design Change: N/A

Repair/Replacement Traveler: R59481-06 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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V Reid, Senior Planner Date July 1, 2000  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 2-21-97 to 7-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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 Mutapang Commissions NB9030, Mich 0055 END N3I  
 Inspector's Signature National Board, State, Province, Endorsements

Date July 5 19 00

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 12-30-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R60600-04  
One Cook Place, Bridgman, MI 49106 Component# 2-RH-141
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Residual Heat Removal
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. **Identification of Components Repaired or Replaced and Replacement Components**

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-RHR-141						
BONNET NUT 3/4"	ASME SA-194 GR 8F	N/A	M&E# 30-212100 ASP# 21981	N/A	REPLACE	N/A

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A  
 NDE: NONE Pressure: psi Test Temperature F.

**Description of Work: REPLACED BONNET NUT.**

**NOTE: THE NUT WAS SENT OFFSITE FOR MACHINING FROM THE ORIGINAL MANUFACTURER PRIOR TO INSTALLATION.**

Job Order/File: R60600-04 ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp A1ACertificate of Authorization No. A1A Expiration Date A1A

Signed: Dewayne Timmons, welding supervisor Date 9-2-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 12-10-99 to 9-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

K. Blake  
 Inspector's Signature

Commissions Mi. 762  
 National Board, State, Province, Endorsements

Date: 9-5 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 11-10-97  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R66298-01  
One Cook Place, Bridgman, MI 49106 Component# 2-AFW-S4021
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: FEEDWATER SYSTEM PIPE SUPPORT FWS-3
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-AFW-S4021		GRINNELL				
SNUBBER CONFIGURATION KIT "A"		GRINELL	M & E 30 024700  ASP17347	N/A	REPAIRED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: PRE SERV. VT-3 Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

Description of Work: REMOVED OLD SNUBBER. PERFORMED FUNCTIONAL OPERABILITY TEST OF NEW SNUBBER I.A.W. 12MHP4030.STP.029 (SAT).

INSTALLED NEW SNUBBER, PERFORMED VISUAL AND AS LEFT INSPECTION I.A.W. 12MHP4030.STP.004 (SAT).

Job Order/File: R66298-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in the report are correct and this repair and/or 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: Donny J. Simon owner Super welding Date 9-9-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by F.M.I.C. of Johnston, RI.

have inspected the components described in this Owner's Report during the period 8/19/97 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Mike Wintermeyer Commissions Michigan, ENR, NBI  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 9 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 10-28-97  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R66302-01  
One Cook Place, Bridgman, MI 49106 Component# 2-AFW-S4035
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: FEEDWATER SYSTEM PIPE SUPPORT AFW-S-4035
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-AFW-S4035		GRINNELL				
NUT, HEX 1-1/2 IN UNC	ASME SA194 GR-2H		M & E 30 046629 ASP 13586	N/A	REPLACED	NO
SNUBBER CONFIGURATION KIT "A"	FIG 200N CONFIGURATION "A"	GRINELL	M & E 30 024700 ASP 18413	N/A	REPAIRED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure \_\_\_\_\_  
 N/A \_\_\_\_\_ NDE: PRE SERV. VT-3 Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

Description of Work: REMOVED OLD SNUBBER.

INSTALLED NEW SNUBBER AND JAM NUT FOR EXTENSION PIECE.



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Job Order/File: R66302-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned: Dwayne Harris manit Super welding Date 9-2-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 12-2-97 to 9-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Mike Matuszanski Commissions MICHOSS, EN & N&I  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 5 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 2-24-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R66419-01  
One Cook Place, Bridgman, MI 49106 Component# 2-GCTS-S563-L
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: STEAM GENERATOR BLOWDOWN SYSTEM PIPE SUPPORT
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-GBD-S563-L						
TAPER PINS (2) FIG #312 3/4 IN	GRINNELL FIG #312	GRINNELL	M & E 30-024975 ASP 13571	N/A	REPLACED	NO
ROTATING PIVOT MOUNT	GRINNELL SUPPLIED ASME SA-36	GRINNELL	P.O.# NU04-5220 ASP 22441	N/A	REPLACED	NO
HEX BOLTS 3/8"	SA-307 gr. A	NOVA MACH.	ASP# 22436 P.O.# NU04-5887	N/A	REPLACED	NO
NUTS 3/8"	SA-563 gr. A	NOVA MACH.	ASP# 22436 P.O.# NU04-5887		REPLACED	NO
SNUBBER	GRINNELL FIGURE 200N Config "A"	GRINELL	M & E 30-024691 ASP 20878	N/A	REPLACED	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A  
 NDE: PRE SERV. VT-3 Pressure: psi Test Temperature F.

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Description of Work, REPLACED EXISTING SNUBBER WITH UPGRADED CONFIG. "A" TYPE PER EE-2000-00-25 AND MOUNTED SNUBBER USING A TAPERED LOAD PIN WITH A PIVOT MOUNT . ENGINEERING EVAL A0130405-E01 ALLOWED USE OF TAPERED PIN. ASSOCIATED FASTENERS ALSO REPLACED. VT-3 WAS PERFORMED I.A.W 12MHP4030.STP.004 ATTACHMENT#04. (SAT).

Job Order/File: R66419-01 ISI Class 2

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons welding Supervisor Date 9-9-00  
Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 1/17/00 to 9-9-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: SEPT 9 18<sup>th</sup> 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 10-31-90<sup>MM</sup> 97  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R66457-01  
One Cook Place, Bridgman, MI 49106 Component# 2-GCTS-S116-E
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY SYSTEM PIPE SUPPORT GCTS-S-116
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-GCTS-S116-E						
SNUBBER CONFIGURATION KIT "A"	Material supplied by Grinnell corp. Fig.200N config "A"	GRINNELL	M & E 30 024700 ASP 18413	N/A	REPAIRED	NO

7. Hydrostatic n/a Pneumatic n/a Nominal Operating Pressure n/a  
NDE: PRE SERV. VT-3 Pressure: psi Test Temperature F.

Description of Work: REMOVED OLD SNUBBER 2-GCTS-S116-E, PERFORMED FUNCTIONAL OPERABILITY TEST PER 12MHP4030.STP.029. TEST WAS ACCEPTABLE. REMOVED REAR BRACKET OFF OF OLD SNUBBER AND INSTALLED ON NEW CONFIGURATION 'A' UPGRADED SNUBBER 2-GCTS-S116-E. VT-3 PERFORMED IAW 12MHP4030.STP.004 ATT.# 4 INCLUDED WITH THIS JOA.

Job Order/File: R66457-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons welding Supervisor Date 9-7-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Michigan and employed by FMIC of Johnston R.I.

have inspected the components described in this Owner's Report during the period 8/14/97 to 9-7-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

Max Muterbaugh Commissions Michigan, ENR NFI  
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 7 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 10-30-97  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R66461-01  
One Cook Place, Bridgman, MI 49106 Component# 2-GCTS-S116-W
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: CONTAINMENT SPRAY SYSTEM PIPE SUPPORT GCTS-S-116
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-GCTS-S116-W						
SNUBBER with CONFIGURATION KIT "A"	Fig. 200N snubber with Configuration "A" kit	GRINNELL	M & E 30 024700 ASP 18430	N/A	REPLACED	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure N/A  
NDE: PRE SERV. VT-3 Pressure: psi Test Temperature F.

Description of Work: REPLACED EXISTING SNUBBER WITH NEW CONFIGURATION

'A' UPGRADED SNUBBER 2-GCTS-S116-W. VT-3 PERFORMED IAW 12MHP4030.STP.029

ATT.# 04 INCLUDED WITHIN HARDCOPY JOB ORDER R66461-01

Job Order/File: R66461-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding Supervisor Date 9-7-00  
 Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by . FMIC of Johnston R I.

have inspected the components described in this Owner's Report during the period 8-19-97 to 9-7-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

NA Matasovich Commissions MICH 0055, END NFI  
 Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 7 19 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 10-31-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R66463-01  
One Cook Place, Bridgman, MI 49106 Component# 2-GRH-S7
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: PIPING SUPPORT, RESIDUAL HEAT REMOVAL SYSTEM
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-GRH-S7						
SNUBBER CONFIGURATION KIT "A"	FIG 200N CONFIGURATION "A"	GRINELL	M & E 30 024691 ASP 18003	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure                       
 N/A                      NDE: PRE SERV. VT-3 Pressure: psi                      Test Temperature                      F.

Description of Work: REMOVED OLD SNUBBER 2-GRH-S7, INSTALLED ON NEW  
 CONFIGURATION 'A' UPGRADED SNUBBER 2-GRH-S7.



Job Order/File: R66463-01ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp RACertificate of Authorization No. RA Expiration Date RASigned: *George J. Harris* maint. Supv. welding Date 9-200  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 8/19/97 to 9/5/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

*MR. [Signature]* Commissions Mich 0055, END N&I  
Inspector's Signature National Board, State, Province, Endorsements

Date: Sept 5 18 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 11-6-97  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# R72751-04  
One Cook Place, Bridgman, MI 49106 Component# 2-CCW-122
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: COMPONENT COOLING WATER
5. (a) Applicable Construction Code: ASME SECT. III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-CCW-122						
VALVE CHECK 8 IN 150 LB	316 STAINLESS STEM & PLATES	CENTER LINE	M & E # 30-034578 ASP 19888	N/A	REPLACED	NO

7. Hydrostatic                      Pneumatic                      Nominal Operating Pressure                       
 NDE: VT-2 IN-SERVICE Pressure: psi                      Test Temperature                      F.

**Description of Work:** REMOVED EXISTING VALVE FROM SYSTEM,  
 . REPLACED VALVE WITH NEW ONE FROM STORES. AFTER WHICH A VT-2 IN-SERVICE WAS PERFORMED (SAT).

Job Order/File: R72751-04ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NASigned: Philip J. Simpson MAINT SUPER WELDING Date 9-2-00

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by **FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.**

have inspected the components described in this Owner's Report during the period 5-12-97 to 9-4-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

MR. M. J. Simpson Commissions MAINT SUPER WELDING  
Inspector's Signature National Board, State, Province, Endorsements

Date: SEPT 4 18 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 11-2-97  
P.O. Box 60 Fort Wayne IN 46801 Unit 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# R75770-03  
One Cook Place, Bridgman, MI 49106 Component# 2-FW-118-2
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: FEEDWATER
5. (a) Applicable Construction Code: ASME SEC III 1986 Ed. NO Add., Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-FW-118-2		ATWOOD MORRILL				
STUD, THREAD 1-3/4-8UNX9 IN	ASME SA-193 GR B7 W/HVY HEX NUT ASME SA-194 GR 2H	N/A	M & E 30-029939  ASP 18833	N/A	REPLACED	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure \_\_\_\_\_  
 NDE: N/A Pressure: psi Test Temperature F.

Description of Work: DISASSEMBLED VALVE FOR QC INSPECTION. ONE BONNET STUD WAS REPLACED.

Job Order/File: R75770-03ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NACertificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons, welding supervisor Date 9-5-00  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 11/3/97 to 9/5/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

[Signature]  
Inspector's Signature

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

Date: Sept 5 19 2000

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

As Required by the Provisions of the ASME Code Section XI

4600F 465

NIS-2-232-97

1. Owner AMERICAN ELECTRIC POWER COMPANY  
Name  
P.O. Box 60 Fort Wayne, IN 46801  
Address
2. Plant D.C. COOK NUCLEAR POWER PLANT  
Name  
One Cook Place, Bridgman, MI 49106  
Address
3. Work Performed by Installation Services  
Name  
Same as #2  
Address

Date 12/17/97  
Sheet 1 of 2  
Unit # 2  
R76270-04  
Repair Org. P.O. No., Job No., etc  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System Chemical and Volume Control ASME CODE CLASS 1
5. (a) Applicable Const. Code ANSI B31.1 19 83Ed., N/A Add. N-416-1 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manuf. Serial No.	Nat. Board No.	Other Identification	Year Built	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
2" Check Valve	M&E# 30-035085	ASP# 18264	N/A	SA182 F316	N/A	Replacement	No
2" Sch. 160 3 Pipe	M&E# 30-016812	ASP# 5702	N/A	SA376 TP304	N/A	Replacement	No
2" 6000# SS Coupling	M&E# 30-017245	ASP# 7539	N/A	SA182 F304	N/A	Replacement	No

7. Description of work Remove and Replace Valve 2-CS-325 per Design Change MM-404

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

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

## FORM NIS-2 (Back)

NIS-2-223-97

232  
4402  
09/1/00

Remarks

Applicable Manufacturer's Data Reports to be attached

Ref. JO: R76270-04

Design Change: MM-404

Repair/Replacement Traveler R76270-04 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/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Conrad V. Reid, Senior Planner Date July 4, 2000  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler And Pressure Vessel Inspectors and the State or Province of Michigan and employed by FACTORY MUTUAL INSURANCE Co. of Johnston, R.I. 02919 Have inspected the components described in this Owner's Report during the period 8-11-97 to 7-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any Warranty, expressed or implied, concerning the examinations and corrective measures Described in this Owner's Report. Furthermore, neither the Inspector nor his Employer shall be 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. McIntyre Commissions NB 9030, Mich 0055, END NFI  
Inspector's Signature National Board, State, Province, Endorsements

Date July 5 15 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 4-9-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C. Cook Nuclear Power Plant Job Order# R95106-02  
One Cook Place, Bridgman, MI 49106 Component# 2-TK-86
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: \_\_\_\_\_
5. (a) Applicable Construction Code: ANSI B31.1, 1983 Ed. NO Add. Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME, ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-TK-86						
NUT 3/8 IN 11 UNC	ASME SA194 GR 2H		M & E 30-211880 ASP 22569	N/A	REPLACED	NO

7. Hydrostatic \_\_\_\_\_ Pneumatic \_\_\_\_\_ Nominal Operating Pressure N/A  
 NDE: NONE Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

**Description of Work: CLOSED MANWAY COVER FOR 2-TK-86 UPON OPERATIONS APPROVAL. USED NEW NUTS ON THE EXISTING STUDS. THE NEW STUDS PURCHASED FOR THE MANWAY COVER WERE INCORRECT AND NOT USED.**



Job Order/File: R95106-02ISI Class 2**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned: [Signature] MAINT Supv. Welding Date 8-31-00  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 3/22/00 to 9/1/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

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

Date: September 1 10 2000

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

1. Owner: AMERICAN ELECTRIC POWER Date Performed: 4-9-00  
P.O. Box 60 Fort Wayne IN 46801 Unit# 2
2. Plant: D.C.Cook Nuclear Power Plant Job Order# R95106-03  
One Cook Place, Bridgman, MI 49106 Component# 2-TK-87
3. Work Performed by: AEP/D.C. COOK Maintenance Department
4. Identification of System: Letdown
5. (a) Applicable Construction Code: ASME SEC III 1989 No ADD... Code Case: N/A  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	ASME,ASTM or AISI designation:	Name of Manufacture	Material Identification: M&E# ASP# P.O.#	Year built	Repaired Or Replaced	ASME Code Stamped Yes/No
2-TK-87						
WASHER, FLAT (4)	ASTM F-436-93	N/a	M & E 30-212690 ASP 20515	N/A	REPLACED	NO
NUT , HEX (4)	SA 194- GR.2H	N/a	M & E 30-211880 ASP 22569	N/A	REPLACED	NO

7. Hydrostatic N/A Pneumatic N/A Nominal Operating Pressure \_\_\_\_\_  
NDE: NONE Pressure: psi \_\_\_\_\_ Test Temperature \_\_\_\_\_ F.

**Description of Work:** REPLACE MISSING NUTS AND WASHERS.

**Job Order/File:** R95106-3 **ISI Class** 2

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed: Dewayne Timmons Welding Supervisor Date 9-2-00  
Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Providence of Michigan and employed by FACTORY MUTUAL GLOBAL OF JOHNSTON, RI.

have inspected the components described in this Owner's Report during the period 3-23-00 to 9-5-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

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

L. Blake  
Inspector's Signature

Commissions Mi. 762

National Board, State, Province, Endorsements

Date: 9-5 10 2000