



FORM NIS-2 (Back)

9. Remarks NONE

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE repair/**

We certify that the statements made in the report are correct and this 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 *Stovill* Manager, Date FEB. 11 19 92  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam Boiler I&I Co. of Hartford, Conn. have inspected the components described in this Owner's Report during the period 04-04-90 to 01-10-92 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*J. K. Kelly* Commissions PA-1887 NB-5478 (I)  
Inspector's Signature National Board, State, Province, and Endorsements

Date FEB 11 19 92

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

1. Owner Metropolitan Edison Company Date 12-17-91  
2800 Pottsville Pike  
Reading, Pennsylvania  
Three Mile Address Sheet 1 of 1
2. Plant Island Nuclear Generating Station Unit 1  
Rt. 441 South Middletown, Pennsylvania J.O.#28485, CMR#90-117  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by GPU Nuclear Type Code Symbol Stamp NR  
100 Interpace Pkwy. Name Authorization No. 16  
Parsippany, NJ Address Expiration Date 1-13-92
4. Identification of System Hydrogen Recombiner
5. (a) Applicable Construction Code ASME III 19 74 Edition, S 74 Addenda, 1481 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
HR-R-1A	Rockwell International	313	NA	NPT# N02000001-01	NA	Repaired	YES
HR-R-1B	Rockwell International	312	NA	NPT# 20000001-01	NA	Repaired	YES

7. Description of Work Replaced the expansion joint bellows on the inlet and outlet lines of Hydrogen Recombiners HR-R-1A and HR-R-1B with pipe.
8. Tests Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 50.5 PSIG; Test Temp. NA °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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 NONE

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NR

Certificate of Authorization No. 16 Expiration Date 1-13-92

Signed [Signature] Manager, NDE/ISI Services Date FEB 11 19 92  
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam Boiler I&I Co. of Hartford, Conn.

\_\_\_\_\_ have inspected the components described in this Owner's Report during the period 04-04-90 to 01-10-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions PA-1887, NB-5678(I)  
 Inspector's Signature National Board, State, Province, and Endorsements

Date FEB 11 19 92

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

1. Owner Metropolitan Edison Company Date 12-17-91  
2800 Pottsville Pike Name  
Reading, Pennsylvania Address  
Three Mile Address
2. Plant Island Nuclear Generating Station Unit 1  
Rt. 441 South Middletown, Pennsylvania J.O. 2375, 2376, 2399  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by GPU Nuclear Type Code Symbol Stamp NA  
100 Interpace Pkwy. Name Authorization No. NA  
Parsippany, NJ Address Expiration Date NA
4. Identification of System Main Steam
5. (a) Applicable Construction Code ANSI B31.1 19 67 Edition, NA Addenda N-416 Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1974 edition with addenda Summer 1975
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Yarway	NA	NA	MS-V-29D	1974	Repair/Replace	NO
2" Valve	Yarway	NA	NA	MS-V-29A	1974	Repair/Replace	NO
2" Valve	Yarway	NA	NA	MS-V-29C	1974	Repair/Replace	NO

7. Description of Work Replaced (3) Hancock 600# valves with (3) Yarway 1500# valves and associated piping.
8. Tests Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
Other  Pressure 187.5 PSIG Test Temp NA °F

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

FORM NIS-2 (Back)

9. Remarks The spray heads are not within Section XI scope, only the welds  
Applicable Manufacturer's Data Reports to be attached  
required to facilitate their replacement.

Code Case N-416 invoked to relieve hydro requirement.

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp NR

Certificate of Authorization No. 16 Expiration Date 1-13-92

Signed *Slovill* Manager, NDE/ISI Services Date FEB 11 19 92  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam Boiler I&I Co. of Hartford, Conn. have inspected the components described in this Owner's Report during the period 04-04-90 to 01-10-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*[Signature]* Commissions PA-1887, NB-5478(I)  
Inspector's Signature National Board, State, Province, and Endorsements

Date FEB 11 19 92

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

1. Owner Metropolitan Edison Company Date 12-17-91  
2800 Pottsville Pike Name  
Reading, Pennsylvania Address  
Three Mile Address  
 2. Plant Island Nuclear Generating Station Unit 1  
Rt. 441 South Middletown, Pennsylvania Name  
 Address J.O. 2367, 2371, 2372, 2377, 2380,  
2395, 2397, 2400  
 Repair Organization P.O. No., Job No., etc.  
 3. Work Performed by GPU Nuclear Type Code Symbol Stamp NA  
100 Interpace Pkwy. Name Authorization No. NA  
Parsippany, NJ Address Expiration Date NA  
 Address

4. Identification of System Main Steam  
 5. (a) Applicable Construction Code ANSI B31.1 1967 Edition NA Addenda N-416 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements is 74 Edition with Addenda thru Summer 75

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1½" 1500# Valves	Yarway	NA	NA	SEE REMARKS	NA	Repaired/ Replaced	NO

7. Description of Work Replaced (8) existing Hancock 1½" 600# valves with (8) Yarway 1½" 1500# valves.

8. Tests Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 887.5 PSIG Test Temp. NA °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 8 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Replaced (8) 600# Hancock valves MS-V-73B, MS-V-60B, MS-V-59B, MS-V-23A,  
Applicable Manufacturer's Data Reports to be attached  
MS-V-73A, MS-V-60A, MS-V-59A, and MS-V-23B with new 1500# Yarway valves and  
associated piping.

CERTIFICATE OF COMPLIANCE repair/

We certify that the statements made in the report are correct and this 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 *Blowill* Manager, NDE/ISI Services Date FEB 11 19 92  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam Boiler I&I Co. of Hartford, Conn. have inspected the components described in this Owner's Report during the period 04-04-90 to 01-10-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*J. Blawie* Commissions PA-1887 NB 5478 (I)  
Inspector's Signature National Board, State, Province, and Endorsements

Date FEB 11 19 92



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

1. Owner Metropolitan Edison Company Date 12-17-91  
 2800 Pottsville Pike Name  
Reading, Pennsylvania  
 Three Mile Address Sheet 1 of 1
2. Plant Island Nuclear Generating Station Unit 1  
Name BA 418736 DRF 061297  
Rt. 441 South Middletown, Pennsylvania WA 31736010 T1-MM-418736-139  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by GPU Nuclear Type Code Symbol Stamp NA  
 100 Interpace Pkwy. Name Authorization No. NA  
Parsippany, NJ Address Expiration Date NA
4. Identification of System Leak Rate Testing
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, NA Addenda, NA Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 74 Edition with Addenda Summer 75
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Penetration #414	(SEE REMARKS)				1970	Repair	NO
Penetration #415					1970	Repair	NO
Penetration #416					1970	Repair	NO

7. Description of Work (SEE REMARKS)
8. Tests Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure 80 PSIG psi Test Temp. NA °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report 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 Installed blank flanges on Penetration #414 both inside and outside the  
Applicable Manufacturer's Data Reports to be attached  
Reactor Building, eliminating existing connecting Leak Rate piping. Also at  
Penetrations #415 and #416 the connecting Leak Rate piping outside of containment  
was modified by adding 2 sets of flanges at each penetration, thus providing  
removable flanged spoolpiece at both penetrations.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Stovill Manager, NDE/ISI Services Date FEB 11 19 92  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State  
 or Province of Pennsylvania and employed by Hartford Steam Boiler I&I Co. of  
Hartford, Conn. have inspected the components described  
 in this Owner's Report during the period 04-04-90 to 01-10-92, and state that  
 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this  
 Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Stovill Commissions PA-1887 NB 5478 (I)  
Inspector's Signature National Board, State, Province, and Endorsements

Date FEB 11 19 92