

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 Island Nuclear
 2. Plant Generating Station Name Sheet 1 of 1
Rt. 441 South Middletown, Pennsylvania Address Unit 1
BA 412571 DRF 087915
WA 37571A10 T1-MM-412571-001
Repair Organization P.O. No., Job No., etc.
 3. Work Performed by GPU Nuclear Name Type Code Symbol Stamp NA
100 Interpace Pkwy. Address Authorization No. NA
Parsippany, NJ Expiration Date NA
 4. Identification of System Emergency Feedwater
 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 19 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)
6" Venturi	Peerless Nuclear Corp	NA	NA	FE 779/788	NA	Repaired/Replaced	NO
6" Venturi	Peerless Nuclear Corp	NA	NA	FE 782/791	NA	Repaired/Replaced	NO

7. Description of Work Replace existing Emergency Feedwater System Annubars

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 860 PSIG psi Test Temp. NA °F
FE 779/788, 900 PSIG - FE 782/791

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

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

9202200226 920213
 PDR ADDCK 05000289
 G PDR

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.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

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 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
Reading, Pennsylvania
Three Mile Address
 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
Parsippany, NJ Address
Authorization No. 16
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

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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]
Owner or Owner's Designee, Title

Manager,
NDE/ISI Services Date FEB 11 19 92

CERTIFICATE OF INSERVICE INSPECTION

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[Signature]
Inspector's Signature

Commissions PA-1887, NB-5478(I)
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 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

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FORM NIS-2 (Back)

9. Remarks The spray heads are not within Section XI scope, only the welds
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

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[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
J.O. 2367, 2371, 2372, 2377, 2380,
2395, 2397, 2400 Address
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by GPU Nuclear Type Code Symbol Stamp NA
100 Interpace Pkwy. Name
Parsippany, NJ Address
 Authorization No. NA
 Expiration Date NA
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 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

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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 [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.

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[Signature]
Inspector's Signature

Commissions

PA-1887

NB 5478 (I)

National Board, State, Province, and Endorsements

Date FEB 11 19 92

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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
2. Plant Island Nuclear Generating Station Unit 1
Rt. 441 South Middletown, Pennsylvania Name
BA 418736 DRF 061297
WA 31736010 T1-MM-418736-139
Repair Organization P.O. No., Job No., etc.
3. Work Performed by GPU Nuclear Type Code Symbol Stamp NA
100 Interpace Pkwy. Name
Parsippany, NJ Address
Authorization No. NA
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

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FORM NIS-2 (Back)

9. Remarks Installed blank flanges on Penetration #414 both inside and outside the
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 Novill Manager,
 Owner or Owner's Designee, Title NDE/ISI Services Date FEB 11 19 92

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Inspector's Signature Commissions PA-1887 NB 5478 (I)
 National Board, State, Province, and Endorsements
 Date FEB 11 19 92