

APPENDIX D

ASME REPAIRS AND REPLACEMENTS NIS-2
Forms

APPENDIX D.1

MECHANICAL MAINTENANCE NIS-2 Forms

**UNIT 2 TENTH REFUELING AND INSPECTION OUTAGE
MAINTENANCE CODE REPAIR AND REPLACEMENT**

1.0 INTRODUCTION

This summary identifies the work performed on ASME Section XI, classes 1, 2, 3 and MC of ASME Section VIII items for which Maintenance has NIS-2 responsibility reported in Section 3.1. Nation Board Inspection Code Repair items for which Maintenance has R-1 responsibility is also included in Section 4.0. The majority of this work was performed during the Unit 2 Tenth Refueling and Inspection Outage.

2.0 CODE COMPLIANCE SUMMARY

All work on ASME Section XI, classes 1, 2, 3 and MC, meets the requirements of IWA-4000 (Repair Procedures) and IWA-7000 (Replacements) of ASME Section XI, 1989 Edition, No Addenda. All work on containment meets the requirements of IWA-4000 and IWA-7000 of ASME Section XI, 1992 Edition through 1992 Addenda of IWE and IWL.

3.0 REPAIR AND REPLACEMENT SUMMARY

Work in this category is comprised of Work Authorization of Section XI Repairs and Replacements.

3.1 SECTION XI REPAIRS AND REPLACEMENTS

<u>W.O. NO.</u>	<u>522 FORM NO.</u>	<u>DISCRIPTION OF WORK</u>
		<u>SYSTEM NO. 211A, ASME CLASS III</u>
102415	99-211-001	209091, Replaced Valve Disc
		<u>SYSTEM NO. 216A, ASME CLASS III</u>
229132	01-216-001	PSV-21213A, Replaced Valve Disc
312089	01-216-002	HV21210B, Replaced Valve and Leak Off Plug
324011	01-216-003	212016, Replaced Stem/Disc & Backseat Bushing
		<u>SYSTEM NO. 225A, ASME CLASS II</u>
266728	00-225-001	226018 & 226029, Replaced Valve
		<u>SYSTEM NO.234D, ASME CLASS III</u>
P82170	99-234-005	2E231D, Replaced Upper Flex Hose
218406	00-234-005	2E231D, Replaced Flex Hose and Excavated areas for inspection
218406	00-234-012	2E231D, Repaired areas of Corrosion
218408	00-234-006	2E231B, Excavated areas for inspection

218408	00-234-011	2E231B, Repaired areas of Corrosion
272644	00-234-014	2E231C, Excavated areas for inspection
272644	00-234-016	2E231C, Repaired areas of Corrosion
272653	00-234-015	2E231A, Excavated areas for inspection
272653	00-234-017	2E231A, Repaired areas of Corrosion
272653	00-234-018	SPHRC-221-1, Repaired areas of Corrosion

SYSTEM NO. 234E, ASME CLASS III

P84623	99-234-006	2E229B, Repaired areas of Corrosion
P84623	99-234-007	2E229B, Replaced Upper Flex Hose
298381	00-234-013	SPHRC219-5 & SPHRC220-5, Replace pipe flanges & Support Bolts

SYSTEM NO. 234F, ASME CLASS III

P83507	99-234-003	2E228B, Replaced Lower Flex Hose
P83506	99-234-004	2E228A, Repaired areas of Corrosion

SYSTEM NO. 234G, ASME CLASS III

101367	00-234-001	2E230C, Excavated areas for inspection & Replaced Upper Coil Upper Hose
101367	00-234-002	2E230C, Repaired areas of Corrosion
207139	00-234-003	2E230D, Excavated areas for inspection & Replaced 3 Flex Hoses
207139	00-234-008	2E230D, Repaired areas of Corrosion
207140	00-234-004	2E230B, Excavated areas for inspection
207140	00-234-007	2E230B, Repaired areas of Corrosion
249098	00-234-019	2E230A, Excavated areas for inspection
249098	01-234-003	2E230A, Repaired areas of Corrosion
249098	01-234-004	SPHRC227-1, Replaced Pipe Flange
282717	00-234-020	2E230B, Excavated areas for inspection
282717	01-234-002	2E230B, Repaired areas of Corrosion

SYSTEM NO. 245A, ASME CLASS II

204073	99-245-004	HV-241F032B, Seal Weld Valve Bonnet Pipe Plug
229920	00-245-001	HV-241F032B, Repaired Disc by Machining and Tack Welded soft seat bolts
321384	01-245-001	HV-241F032A, Repaired Disc by Machining and Tack Welded soft seat bolts

SYSTEM NO. 249A, ASME CLASS II

214917	99-249-015	GBB212-2, Replaced flange bolting
215804	99-249-016	GBB212-1, Replaced flange bolting using Lock-tite
215805	99-249-017	GBB212-1, Replaced flange bolting using Lock-tite
107307	00-249-001-1	PSH-E11-2N022A, Replaced Valve & associated fittings
219132	00-249-001-2	GBB212-2, Replaced flange bolting using Lock-tite
219134	00-249-002	GBB212-2, Replaced flange bolting using Lock-tite
233553	01-249-004	HV251F024A, Blended areas of erosion and Tack Weld disc to disc nut
321008	01-249-009	251018, Replaced valve stem disc and back seat bushing
320851	01-249-012	HV251F016B, Tack Weld disc to disc nut

SYSTEM NO. 249A, ASME CLASS III

230631	00-234-021	SPHBC240-H5003, Removed and Installed SPD Clip
326172	01-249-017	SPHBC239-3 / SPHBC240-3, Replace bolting

SYSTEM NO. 249B, ASME CLASS II

226500	01-249-005	2E205A, Replaced Bolting
226500	01-249-007	2E205A, Installed Tube Plugs by welding
231257	01-249-008	PSV-25106A, Replaced Disc and Base
226503	01-249-011	2E205B, Replaced Bolting
231249	01-249-012	PSV-25106B, Replaced Disc and Base
231260	01-249-010	SPGBB206-2 Replace Flange Nut

SYSTEM NO. 249E, ASME CLASS II

247604	01-249-006	HV-251F021B, Replaced Valve disc
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SYSTEM NO. 249G, ASME CLASS I

275214	01-249-001	HV-251F050B, Replaced Valve disc & Bonnet Pipe Plug
301695	01-249-003	HV251F122B, Replaced Stem/Disc Assembly
276613	01-249-014	SPDCA210-1, Repaired Socket Weld with Extended Leg Fillet
276647	01-249-015	SPDCA210-2 Repair Socket Weld with extended leg fillet
229319	01-249-016	PSV-251F126, Replaced disc and Machined Base

SYSTEM NO. 250A, ASME CLASS II

260916	01-250-001	PSV-250F017, Replaced Valve disc & nozzle
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SYSTEM NO. 252B, ASME CLASS II

V90119	99-252-002	LSH255N014R1, Replace Stem/Disc
V90119	99-252-003	LSH255N014R4, Replace Stem/Disc
275455	00-252-001	PSE2D003/4, Replace rupture discs
107747	01-252-001	JD-33-3-2A, Replace Five Valve Manifold
234602	01-252-004	PSV256F020, Replace Nozzle

SYSTEM NO. 253A, ASME CLASS II

229315	00-253-001	248F004A, Replaced SQUIBB Inlet Fitting and Trigger ASSM
229312	00-253-002	248F004B, Replaced SQUIBB Inlet Fitting and Trigger ASSM

SYSTEM NO. 255, ASME CLASS III

256813	00-255-004	246027 & 246028, Prefabrication Activities
252005	00-255-005	246027 & 246028, Installation Activities

SYSTEM NO. 255B, ASME CLASS II

229500	00-255-001	HCU-4227, Replaced Nitrogen Accumulator
252689	00-255-002	HCU-3815, Replaced Nitrogen Accumulator
252690	00-255-003	HCU-5031, Replaced Nitrogen Accumulator
107603	00-255-005	247F102-0639, Replaced Valve Disc
107604	00-255-006	247101-3843, Replaced Valve Disc
107605	00-255-007	247101-2647, Replaced Stem/Disc Assembly
272667	00-255-008	HCU-1823, Replaced Nitrogen Accumulator
296965	00-255-009	HCU-2615, Replaced Nitrogen Accumulator
296968	00-255-010	HCU-2647, Replaced Nitrogen Accumulator

SYSTEM NO. 259A, ASME CLASS MC

219921	00-259-001	X003, Containment Head using New Gasket
230171	00-259-002	X-200B, Suppression Pool "B" Hatch using New Gasket
230169	00-259-003	X-200A, Suppression Pool "A" Hatch using New Gasket
230675	00-259-004	X-001, Equipment Hatch using New Gasket
230167	00-259-005	X-006, CRD Hatch using New Gasket

SYSTEM NO. 261A, ASME CLASS III

208604	99-261-007	245029B, Replaced Valve Body, Bonnet & Bolting
222548	00-261-002	245060B, Replaced Valve Plug.
223362	00-261-003	245042A & 245043A, Replaced Valves & Associated Pipe
223342	00-261-004	FV-24566B, Replaced Valve Bonnet Pipe Plug

SYSTEM NO. 261B, ASME CLASS III

189729	99-261-004	2P221B, Replaced RCWU Pump
191040	99-261-005	2P221B, Replaced Pump Probes with Pipe Plugs.
223362	00-261-003	2P221B, Replace Pump Pipe Plugs with Probe Glands.
193980	00-261-005	2P221A, Replaced RCWU Pump
189033	00-261-007	244F005B, Repaired Valve by Machining.

SYSTEM NO. 262A, ASME CLASS I

322298	G01-262-013	HV-241F022D, Replaced Valve Bolting
223797	00-262-001	HV-241F001, Replaced Valve
223797	00-262-002	HV-241F002, Replaced Valve
271772	00-262-003	HV-241F001 & HV241F002 & HV241F005 Prefabrication Activities
271048	00-262-004	HV-241F001 & HV241F002 Replaced Valves and associated Pipe
231997	00-262-017	PSV 241F013A, Shop Refurbishment Activity

271991	00-262-006	PSV 241F013A, Replaced Valve & 2 Nuts
231997	00-262-018	PSV 241F013C, Shop Refurbishment Activity
272013	00-262-007	PSV 241F013C, Replaced Valve & 4 Nuts
231997	00-262-019	PSV 241F013E, Shop Refurbishment Activity
272023	00-262-008	PSV 241F013E, Replaced Valve & 3 Nuts
231997	00-262-020	PSV 241F013G, Shop Refurbishment Activity
272027	00-262-009	PSV 241F013G, Replaced Valve & 3 Nuts
231997	00-262-021	PSV 241F013J, Shop Refurbishment Activity
272031	00-262-010	PSV 241F013J, Replaced Valve & 2 Nuts
231997	00-262-022	PSV 241F013M, Shop Refurbishment Activity
272033	00-262-011	PSV 241F013M, Replaced Valve & 1 Nuts
231997	00-262-023	PSV 241F013P, Shop Refurbishment Activity
272042	00-262-012	PSV 241F013P, Replaced Valve & 2 Nuts
231997	00-262-024	PSV 241F013S, Shop Refurbishment Activity
272059	00-262-013	PSV 241F013S, Replaced Valve
231034	00-262-015	HV-241F022C, Replaced Valve Stem
229961	00-262-025	Replaced CRD 30-39 and 8 Housing Bolts
229972	00-262-026	Replaced CRD 38-07 and 8 Housing Bolts
229974	00-262-027	Replaced CRD 38-55 and 8 Housing Bolts
229953	00-262-028	Replaced CRD 22-43 and 8 Housing Bolts
294627	00-262-029	Replaced CRD 26-23 and 8 Housing Bolts
294628	00-262-030	Replaced CRD 54-15 and 8 Housing Bolts
229950	00-262-031	Replaced CRD 18-11 and 8 Housing Bolts
229948	00-262-032	Replaced CRD 10-43 and 8 Housing Bolts
229973	00-262-033	Replaced CRD 38-11 and 8 Housing Bolts
272661	00-262-034	Replaced CRD 50-19 and 8 Housing Bolts
272707	00-262-035	Replaced CRD 58-43 and 8 Housing Bolts
294629	00-262-036	Replaced CRD 18-03 and 8 Housing Bolts
229968	00-262-037	Replaced CRD 30-59 and 8 Housing Bolts
229971	00-262-038	Replaced CRD 34-59 and 8 Housing Bolts
229959	00-262-039	Replaced CRD 26-39 and 8 Housing Bolts
229949	00-262-040	Replaced CRD 14-23 and 8 Housing Bolts
229946	00-262-041	Replaced CRD 02-27 and 8 Housing Bolts
229954	00-262-042	Replaced CRD 26-19 and 8 Housing Bolts
229951	00-262-043	Replaced CRD 22-27 and 8 Housing Bolts
272703	00-262-044	Replaced CRD 54-31 and 8 Housing Bolts
229977	00-262-045	Replaced CRD 50-15 and 8 Housing Bolts
294630	00-262-046	Replaced CRD 46-19 and 8 Housing Bolts
294631	00-262-047	Replaced CRD 58-35 and 8 Housing Bolts
296529	00-262-048	Replaced CRD 30-55 and 8 Housing Bolts
227184	01-262-001-01	DBA-212-1, Repair Pipe Flange by Machining
231032	01-262-001-02	HV241f028B, Remove seal bonnet seal weld
232054	01-262-002	DBA-212-1, Flange M-1, Replaced Studs and Nuts
232054	01-262-003	DCA-211-3, Flange(s) M-1 & M-3, Replaced Studs and Nuts
321032	01-262-007	HV242F028B, Replaced Valve bonnet bolting
298726	01-262-008	HV242F022B, Replaced Valve Stem
272184	01-262-010	2S401, Repaired Reactor Nozzle by Machining
231034	01-262-011	HV-241F022C, Replaced Body to Bonnet Bolting

SYSTEM NO. 264B, ASME CLASS I

257014	00-264-012	243F025B & 243F026B, Prefabrication Activities
107784	00-264-013	243F025B & 243F026B, Replaced Valves and associated Pipe
294483	00-264-016	243F026A & 243F026A, Replaced Valves and associated Pipe
276825	01-264-002	Replaced Rx Recirculation Pipe Flange Bolting
276651	01-264-003	SP-DCA-215-2, Installed Unequal Leg Fillet Weld

SYSTEM NO. 264D, ASME CLASS II

221461	99-264-008	SPDCA220-1, Replaced Pipe & Installed Unequal Leg Fillet Weld
276619	00-264-010	SPDCB-205-2, Installed Unequal Leg Fillet Weld
276632	00-264-011	SPDCB208-2, Installed Unequal Leg Fillet Weld
258183	00-264-018	XV-243F003A, Replaced Valve

SYSTEM NO. 273A, ASME CLASS II

229506	00-273-001	SV-25782A, Replaced Disc Assm and Weld Body to Bonnet
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SYSTEM NO. 283A, ASME CLASS II

221353	99-283-013	SP-DBB-204-2-64, Replaced Stem/Disc & Backseat
189389	99-283-014	SP-DBB-201-2-56, Replaced Stem/Disc & Backseat
283044	00-283-004	HV-20108B, Replaced Stem/Disc & Backseat
318569	01-283-001	2RV-PSL-2N015D, Replaced Stem/Disc & Backseat
319411	01-283-004	HV-20108A, Replaced Stem/Disc & Backseat

SYSTEM NO. 283B, ASME CLASS III

231032	01-283-002	SPHCC236-H5017, H5018, H5019, Replaced SPD Clips
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SYSTEM NO. 283E, ASME CLASS III

107549	01-283-024	241F036R, Replaced Valve Ball
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SYSTEM NO. 293G, ASME CLASS II

324497	01-293-001	1RV-PDT-20101A, Replaced Stem/Disc & Backseat
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4.0

REPAIR SUMMARY

Work in this category is comprised of Work Authorization of Seciton VIII Repairs and Replacements.

4.1

NATIONAL INSPECTION BOARD CODE SECTION VIII REPAIRS

PCWO	522 Form No	Description of Work
264589	01-247-001	2E103A, Flush patch and weld repair
264589	01-247-004	2E103A, Flush patch and weld repair
264589	01-247-012	2E103A, Flush patch and weld repair
264591	01-247-002	2E103B, Flush patch and weld repair
264591	01-247-005	2E103B, Flush patch and weld repair
264591	01-247-010	2E103B, Flush patch and weld repair
264591	01-247-015	2E103B, Flush patch and weld repair
264594	01-247-003	2E103C, Flush patch and weld repair
264594	01-247-006	2E103C, Flush patch and weld repair
264594	01-247-009	2E103C, Flush patch and weld repair
264594	01-247-011	2E103C, Flush patch and weld repair
264594	01-247-016	2E103C, Flush patch and weld repair
279872	01-247-008	2E104A, Flush patch and weld repair
279872	01-247-013	2E104A, Flush patch repair
279872	01-247-014	2E104A, Alteration: Reinforcement weld at 2" nozzle
107697	01-247-007	2E104C, Flush patch repair
226492	01-264-001	2E126B, Weld repair 3/4" channel drain nozzle

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

1. Owner PPL Susquehanna, LLC Date 6/5/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 1
Address

2. Plant Susquehanna Steam Electric Station Unit Two
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 PCWO 102415
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol Stamp None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System 211A - Service Water; Class 3

5. (a) Applicable Construction Code III * 19 71 Edition, thru W'72 Addenda, 1516-1, 1567, 1335-9 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 Ed

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)
Check Valve	Pacific Valve	0289-6	NA	209091	1976	Replaced	Yes
Disc	CCI	M159460	NA	209091	1998	Replacement	Yes

7. Description of Work Replace valve disc

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure NA psi 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 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 Code Data Report attached

Applicable Manufacturer's Data Reports to be attached

* Replacement disc is ASME III, 1971 Edition through Winter 1972 Addenda, No Code Cases

CERTIFICATION 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 N/A

Signed [Signature] Date June 22, 2001
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period DEC 9, 1999 to APRIL 23, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 22 2001

**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production Pg. 1 of 2

1. Manufactured and certified by CCI 22591 Avenida Empresa, Rancho Santa Margarita, CA 92688
(name and address of Certificate Holder)

2. Manufactured for PENNSYLVANIA POWER & LIGHT CO., ALLENTOWN PA
(name and address of purchaser)

3. Location of installation SUSQUEHANNA STEAM ELECTRIC STATION, BERWICK, PA
(name and address)

4. Type C97037 SA516-GR.70 70.0 KSI N/A 1998
(drawing no.) (mat'l spec. no.) (tensile strength) (CRN) (year built)

5. ASME Code, Section III, Division 1: 1971 WINTER 1972 3 N/A
(edition) (addenda date) (class) (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A
(no.)

7. Remarks FOR A 4", 150# PV SWING CHECK VALVE

CCI MO# 159460, PN C97037E80Z

8. Nom. thickness (in.) .63" Min. design thickness (in.) .60" Dia. ID (ft & in.) N/A Length overall (ft & in.) 2.5"

9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Apurtenance Serial Number	National Board No. in Numerical Order	Part or Apurtenance Serial Number	National Board No. in Numerical Order
(1.) M159460	N/A	(26.)	
(2.)		(27.)	
(3.)		(28.)	
(4.)		(29.)	
(5.)		(30.)	
(6.)		(31.)	
(7.)		(32.)	
(8.)		(33.)	
(9.)		(34.)	
(10.)		(35.)	
(11.)		(36.)	
(12.)		(37.)	
(13.)		(38.)	
(14.)		(39.)	
(15.)		(40.)	
(16.)		(41.)	
(17.)		(42.)	
(18.)		(43.)	
(19.)		(44.)	
(20.)		(45.)	
(21.)		(46.)	
(22.)		(47.)	
(23.)		(48.)	
(24.)		(49.)	
(25.)		(50.)	


10. Design pressure 275 psi. Temp. 100 Deg. F Hydro. test pressure N/A at temp. Deg. F

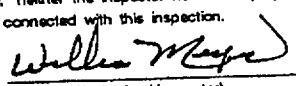
*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.
This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM N-2 (Back - Pg. 2 of 2)

Certificate Holder's Serial Nos. SEE PG. 1 through N/A

CERTIFICATION OF DESIGN			
Design specification certified by	<u>DALE SATTAR</u> <small>(when applicable)</small>	P.E. State <u>PA</u>	Reg. no. <u>019525E</u>
Design report * certified by	<u>N/A</u> <small>(when applicable)</small>	P.E. State <u>N/A</u>	Reg. no. <u>N/A</u>

CERTIFICATE OF COMPLIANCE			
We certify that the statements made in this report are correct and that this (these)		<u>DISC</u>	
conforms to the rules of construction of the ASME Code, Section III, Division 1.			
NPT Certificate of Authorization No.	<u>2696</u>	Expires	<u>JUNE 7, 2000</u>
Date <u>3/26/98</u>	Name <u>CCI</u> <small>(NPT Certificate Holder)</small>	Signed 	<small>(Authorized representative)</small>

CERTIFICATE OF 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 <u>CALIFORNIA</u> and employed by <u>HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected these items described in this Data Report on <u>3/26/98</u> , and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.			
By signing this certificate, neither the inspector nor his employer makes warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.			
Date <u>3/26/98</u>	Signed 	Commissions <u>CA 4994 PA 2770</u>	<small>(Nat'l Bd. (including endorsement) and state or prov. and no.)</small>
	<small>(Authorized Inspector)</small>		

DUE TO THE SIZE AND CONFIGURATION OF THE PART, THE TRACEABILITY OF THE PART WILL BE DONE WITH THE FOLLOWING INFORMATION:

- CCI MO# M159460
- CCI P/N C97037E80Z
- MAT'L TYPE SA516-GR70
- MAT'L HT# R0029

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

1. Owner PPL Susquehanna, LLC Date 06/18/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System RHR SERVICE WATER, 216A, CLASS III.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)

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)
1) VALVE (DISC)	CROSBY	N60598-00-0003 (VALVE)	N/A	PSV21213A	1979	REPLACED	YES
2) VALVE (DISC)	CROSBY	N91855-49-0098	N/A	PSV21213A	1996	REPLACEMENT	YES
3) VALVE	JAMESBURY	ND-21305-03G	N/A	HV21210B	1978	REPLACED	YES
4) VALVE	JAMESBURY	ND-21305-03B	N/A	HV21210B	1979	REPLACEMENT	YES
5) VALVE	JAMESBURY	ND-21305-03B	N/A	HV21210B	1979	REPAIRED	YES
6) STEM/DISC ASSEMBLY	YARWAY	A0930	N/A	212016	1977	REPLACED	YES
7) STEM/DISC ASSEMBLY	YARWAY	AA00-A1	N/A	212016	2000	REPLACEMENT	YES

7. Description of Work SEE ATTACHED LISTING

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure SEE ATTACHED LIST.
 Other Pressure _____ psi Test _____ °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 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 CODE DATA REPORTS ATTACHED. CODE OF CONSTRUCTION : CROSBY Original Valve

Applicable Manufacturer's Data Reports to be attached

and Replacement Part Code of Const.: ASME Sec III 1974 Edition Summer 1975 Addenda.

JAMESBURY, Original & Refurbished Valve, ASME Sec III 1974 Edition No Addenda CC 1773.

Yarway Original Valve ASME Sec III 1974 Edition 1974 Addenda, Replacement Parts 1986 Ed. No Add.

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date June 22, 20 01
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period MARCH 19, 2001 to APRIL 6, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 22 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/18/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name SEE ATTACHED LIST
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System RHR SERVICE WATER, 216A, CLASS III.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)

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)
8) BACKSEAT BUSHING	YARWAY	A0930	N/A	212016	1977	REPLACED	YES
9) BACKSEAT BUSHING	YARWAY	HT # 5293	N/A	1RV-PDT-20101A	1984	REPLACEMENT	NO

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

1. Owner <u>PPL Susquehanna, LLC</u> <small>Name</small>	Date <u>06/18/2001</u>
<u>Two North Ninth St., Allentown, PA 18101</u> <small>Address</small>	Sheet <u>3</u> of <u>3</u>
2. Plant <u>Susquehanna Steam Electric Station</u> <small>Name</small>	Unit <u>TWO</u>
<u>PO Box 467 / 707 Salem Blvd, Berwick, PA 18603</u> <small>Address</small>	Address <u>SEE ATTACHED LIST</u> <small>Repair Organization P.O. No., Job No., etc.</small>
3. Work Performed by <u>PPL Susquehanna, LLC</u> <small>Name</small>	Type Code Symbol <u>None</u>
<u>Two North Ninth St., Allentown, PA 18101</u> <small>Address</small>	Authorization No. <u>N/A</u>
	Expiration Date <u>N/A</u>

4. Identification of System RHR SERVICE WATER, 216A, CLASS III.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)

6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-2	2291332	PSV21213A, REPLACED VALVE DISC	NON VT-2 PER MI-PS-008
3-4	312089	HV21210B, REPLACED VALVE WITH REFURBISHED VALVE.	VT-2 PER SE-0216-301 Temp 44°F / Press 77 psig
5	P.O. 103811-C	HV21210B, REPAIRED VALVE BY INSTALLING STAINLESS STEEL OVERLAY. PERFORMED BY JAMESBURY VALVE.	VT-2 DURING INSTALLATION PER PCWO 312089
6-9	324011	212016, REPLACED VALVE STEM/DISC ASSEMBLY AND BACK SEAT BUSHING	NON VT-2 PER MI-PS-008

CROSBY

CROSBY VALVE & GAGE COMPANY WRENTHAM, MA

Q.C.-392
SHEET 1 OF 2

FORM N-2, N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES
As Required by the Provisions of the ASME Code, Section III, Division 1 - Not to Exceed One Day's Production

1. Manufactured and certified by Crosby Valve & Gage Company 43 Kendrick St. Wrentham, MA 02093
(Name and Address of N Certificate Holder)
2. Manufactured for PENNSYLVANIA POWER & LIGHT CO. ALLENTOWN, PA
(Name and Address of Purchaser or Owner)
3. Location of Installation SUSQUEHANNA SES STOREROOM BERWICK, PA
(Name and Address)
4. --- DS-C-60598 REV. D 1996
(CRN) (Drawing No.) (Year Built)
5. ASME SB 164 CL. A 80,000
(Material Spec No.) (Tensile Strength)
6. --- --- --- --- --- ---
Dia. ID Length Overall Nom. Thickness(in.) Min. Design Thickness
Inch Inch
7. --- --- --- ---
Design Pressure(PSI) Temperature °F
- Hydrostatic Test (psig) 675 at 70 °F
(When applicable)
8. Fabricated in accordance with Const. Spec.(Div. 2 only) --- Revision --- Date ---
(No.)
9. ASME Code, Section III, Division 1: 1974 SUMMER 1975 3 ---
(Edition) (Addenda Date) (Class) (Code Case No.)
10. Remarks _____

11. When applicable, Certificate Holders' data reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. Numerical Order	Part or Appurtenance Serial Number	National Board No. Numerical Order
(1) <u>N91855-49-0098</u>	<u>---</u>	(11) _____	_____
(2) _____	_____	(12) _____	_____
(3) _____	_____	(13) _____	_____
(4) _____	_____	(14) _____	_____
(5) _____	_____	(15) _____	_____
(6) _____	_____	(16) _____	_____
(7) _____	_____	(17) _____	_____
(8) _____	_____	(18) _____	_____
(9) _____	_____	(19) _____	_____
(10) _____	_____	(20) _____	_____

Manufacturer Serial No. N91855-49-0098

Q.C.-392
SHEET 2 OF 2

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this(these) DISC conform to the rules of construction of the ASME Code, Section III.

Date 23 Nov 96 Signed Crosby Valve & Gage Company by [Signature]
(Npt Certificate Holder) (Authorized Representative)

NV Certificate of Authorization No. N-1877 Expires 30 SEP 98
(Date)

CERTIFICATE OF DESIGN

Design specification certified by* AUTHUR R. SCHICK
PE State CA Reg No. 13898
Design Report Certified by* ---
PE State --- Reg No. ---

*Signature not required - list name only.

CERTIFICATE OF SHOP 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 Massachusetts and employed by * Protection Mutual Insurance Co. of Norwood, Massachusetts have inspected these items described in this Data Report on November 23, 1996 and state that to the best of my knowledge and belief, the Certificate Holder

has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 11-23, 1996
Signed [Signature] Commissions MA-1418
(Inspector) (Nat'l. Bd., State, Prov. and No.)

*Factory Mutual Systems

JAMESBURY

NELES CONTROLS GROUP

CERTIFICATE OF CONFORMANCE

We certify that the refurbished valve shipped and applicable documentation for same conforms to the applicable requirements of the purchase order/release/contract and applicable codes, standards, specifications, and drawings unless otherwise noted below.

- (1) Purchase Order No.: 103811-C
- (2) Change Order No.:
- (3) Supplier Name: Jamesbury, Inc.
- (4) Address: 640 Lincoln St., Worcester, MA.

ITEM IDENTIFICATION

(5) PP & L ORDER ITEM NO.	(6) PP & L CATALOG NO.	(7) QUANTITY SHIPPED	(8) DESCRIPTION
-----	-----	1	20" 8226 PX MOD. A WAFER-SPHERE® VALVE S/N ND-21305-03B

- (9) PP & L Approved Exceptions **NONE**
We also state NO MAJOR REPAIRS PERFORMED.

We certify that the statements made in the NUCLEAR RETURN REPORT C31368-02 are correct and the refurbishment conforms to the above P.O..

Donald P. Parker
Donald P. Parker, Sr. Quality Technician

12 MAR 4 98
Date

Our ASME Certificate of Authorization No. N-1228 to use the N Stamp expires 27 Oct. 99.

CERTIFICATE OF 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 New York and employed by Protection Mutual of Norwood, MA, have inspected the refurbishment described in the NUCLEAR RETURN REPORT C31368-02 on May 13, 1998 and state that to the best of my knowledge and belief, this refurbishment has been made in accordance with the above P.O.. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the refurbishment described in the report C31368-02 Furthermore neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 5/12/98 JWR Commissions NB11002(P, N.A.) NY 7041
Inspector (Factory Mutual Engineering Association)

FORM NPV-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
 (As Required by the Provisions of the ASME Code, Section III, Div. 1)

1. Manufactured by Jamesbury Corp. 640 Lincoln Street Worcester, MA 01605
(Name and Address of Manufacturer)

2. Manufactured for Bechtel Power Corp San Francisco, CA
(Name and Address of Purchaser or Owner)

3. Location of Installation Susquehanna Steam Electric System, PA
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 20" Outlet Size 20"
(inch) (inch)

(a) Model No. Series No. or Type	(b) Manufacturers' Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1) 8226PX	ND-21305-03B	N/A	ND-21305-03	3	N/A	1979
(2)						
(3)						
(4)						
(5)						
(6)						
(7)						
(8)						
(9)						
(10)						

5. RHR Service Water
(Brief description of service for which equipment was designed)

6. Design Conditions 265 Body psi 125 °F or Valve Pressure Class 150 (1)
(Pressure) (Temperature)

7. Cold Working Pressure 275 psi at 100°F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
FEF-12	ASME SA 351 Gr. CF8M	Stainless Foundry	Wafer
(b) Forgings			

(1) For manually operated valves only.

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

2566 0032

ASME 245 E 47 St. New York, N.Y. 10017

FORM NPV-1 (Back)

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			
(d) Other Parts			
BKD-16	ASME SA 515 Gr. 70	Lukens	Body
BQH-18	ASME SA 479 Ty 316	Crucible	Plug

9. Hydrostatic test 425 psi.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components. Section III, Div. 1, Edition 1974
 Arrianda None (Date) Code Case No. 1773 Date FEB. 23, 1979

Signed Jamesbury Corp. (Manufacturer) by Thomas D. Bibby

Our ASME Certificate of Authorization No. NI228 to use the N (N) (NFV) symbol expires 10/27/81 (Date)

CERTIFICATION OF DESIGN

Design information on file at Bechtel Power Corp., San Francisco, CA
 Stress analysis report (Class 1 only) on file at N/A

Design specifications certified by (1) John R. Schmiede!
 PE State PA Reg. No. 19870E

Stress analysis certified by (1) N/A
 PE State N/A Reg. No. N/A

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 PA and employed by Lumbermen's Mut'l Casualty Company of Long Grove, Illinois have inspected the pump, or valve, described in this Data Report on 2/23 1979 and state that to the best of my knowledge and belief, the Manufacturer has constructed this pump, or valve, in accordance with the ASME Code, Section III.

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

Date 2/23 1979 (Inspector) [Signature] Commissions RI 551 (Nat'l Bd., State, Prov. and No.)

WIP ORDER 5031562

FORMS ORDER NO 2025565

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES* As Required by the Provisions of the ASME Code, Section III Not to Exceed One Day's Production

Pg. 1 of 1

- 1. Manufactured and certified by YARWAY CORPORATION, 480 NORRISTOWN ROAD, BLUE BELL, PA 19422-0760
2. Manufactured for FRAMATOME TECHNOLOGIES, LYNCHBURG, VA 24506
3. Location of installation STOCK
4. Type 969155-06 AMS5385E (disc) 52 000 PSI MIN. N/A 2000
5. ASME Code, Section III: 1986 NONE 1
6. Fabricated in accordance with Const. Spec. (Div. 2 only)
7. Remarks: FABRICATED IN ACCORDANCE WITH CONSTRUCTION DATA 969005 REV. A. PRESSURE RETAINING PARTS FOR YARWAY SERIES 5500 GLOBE VALVE. THE OWNER OR THEIR DESIGNEE SHALL BE RESPONSIBLE FOR RECONCILING THIS CONSTRUCTION DATA WITH THE DESIGN SPECIFICATION FOR THE FACILITY USING THE PARTS.
8. Nom. thickness (in.) Min. design thickness (in.) Dia. ID (ft. & in.) Length overall (ft. & in.)
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Table with 4 columns: Part or Appurtenance Serial Number, National Board No. in Numerical Order, Part or Appurtenance Serial Number, National Board No. in Numerical Order. Includes handwritten annotations and a stamp 'FTI OP SUP PBG'.

10. Design pressure ** psi. Temp. ** °F Hydro. test pressure N/A at temp. °F **FOR ANSI CLASS 1500 VALVES (when applicable)

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

(12/86) This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM N-2 (back)

Mfr. Serial No. SEE FRONT

CERTIFICATION OF DESIGN

Design specifications certified by (SEE REMARKS) P.E. State _____ Reg. no. _____
(when applicable)
Design report* certified by N/A P.E. State _____ Reg. no. _____
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

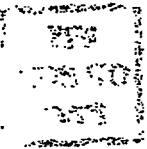
We certify that the statements made in this report are correct and that this (these) STEM AND DISC ASSEMBLIES, 1 INCH
conforms to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization No. N-2450 Expires November, 14, 2001
Date July 21, 2000 Name YARWAY CORPORATION Signed [Signature]
(NPT Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of
PENNSYLVANIA and employed by FACTORY MUTUAL INSURANCE COMPANY
of Johnston, RI have inspected these items described in this Data Report on 07/21/00
and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the
ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.
By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in
this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or
of any kind arising from or connected with this inspection.

Date 07/21/00 Signed [Signature] Commissions PA 2389 A.B.N.S.I
(Authorized Inspector) (Nat'l. Bd. [incl. endorsements] state or prov. and no.)



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

1. Owner PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 6/5/2001
Sheet 1 of 1

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

Unit Two
PCWO 266728
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol Stamp None
Authorization No. N/A
Expiration Date N/A

4. Identification of System 225A - Primary Containment Instrument Gas; Class 2

5. (a) Applicable Construction Code III * 19 71 Edition, thru W72 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 Ed

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)
Check Valve	Borg Warner	11696	NA	226018	1976	Replaced	Yes
Check Valve	Rockwell Edwards	86AEQ	NA	226018	1992	Replacement	Yes
Check Valve	Borg Warner	11687	NA	226029	1976	Replaced	Yes
Check Valve	Rockwell Edwards	84AEQ	NA	226029	1992	Replacement	Yes

7. Description of Work Replace Valves

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure NA 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 Code Data Report attached

Applicable Manufacturer's Data Reports to be attached

* Valve Construction Code is ASME III, 1974 Edition through Winter 1974 Addenda, No Code Cases

CERTIFICATION 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 N/A

Signed [Signature] Date June 22, 20 01
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period DEC. 2, 2000 to MARCH 14, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 22 20 01

PAGE 1 OF 2

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by EDWARD VALVES INC., 1900 S. SAUNDERS ST., RALEIGH, NC 27603
(Name and Address of N Certificate Holder)

2. Manufactured for PENNSYLVANIA POWER & LIGHT CO., P.O. BOX 467, BERWICK, PA 18603
(Name and Address of Purchaser or Owner)

3. Location of Installation SUSQUEHANNA SES BERWICK, PA 18603
(Name and Address)

4. Pump or Valve VALVE Nominal Inlet Size 1 (inch) Outlet Size 1 (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1)	B36274(F316)	83AEQ-87AEQ	N/A	D91-22940-03	1	N/A	1992
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. 1" CHECK VALVE B36274 (F316) FRT1
(Brief description of service for which equipment was designed) S.O. 36-22940-03

6. Design Conditions 2560 (Pressure) psi 570 (Temperature) °F or Valve Pressure Class 1500 (1)

7. Cold Working Pressure 3600 psi at 100°F

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
(b) Forgings			
<u>RESA & JKW-3</u>	<u>SA182 GR F316</u>	<u>TRINITY FORGE</u>	<u>BODY</u>
<u>23274-101</u>	<u>SA479 T316</u>	<u>COULTER STEEL</u>	<u>COVER</u>
<u>22711-401</u>	<u>SA564 T630 H1100</u>	<u>COULTER STEEL</u>	<u>DISK</u>

(1) For manually operated valves only.

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

(10/77)

This form (E00037) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			
(d) Other Parts			

9. Hydrostatic test 5400 psi. Disk Differential test pressure 3975 psi.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div. 1, Edition 1974.

Addenda WINTER 1974 (Date) Code Case No. N/A Date 3/11/92

Signed EDWARD VALVES INC. by J.D. Peina
(N Certificate Holder)

Our ASME Certificate of Authorization No. N-1562 to use the "N" symbol expires 11/26/94.
(N) (Date)

CERTIFICATION OF DESIGN

Design information on file at EDWARD VALVES INC., RALEIGH, N.C. 27603

Stress analysis report (Class 1 only) on file at _____

Design specifications certified by (1) MATTHEW HOBBS JR

PE State 20118 E Reg. No. PA

Stress analysis certified by (1) S.L. Adams, III

PE State NC Reg. No. 4187

(1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 NORTH CAROLINA and employed by HSBI & I Co. of HARTFORD, CT have inspected the pump, or valve, described in this Data Report on 3-12 19 92, and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III.

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

Date 3-12 19 92

[Signature] Commissions NC1083
(Inspector) (Nat'l Bd., State, Prov. and No.)

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

1. Owner PPL Susquehanna, LLC Date 06/08/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System CORE SPRAY PUMP ROOM COOLING SYSTEM 234D, CLASS III.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 CC N416-1 (* SEE SECTION 9)

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)
1) FLEX HOSE (UPPER COIL) (LOWER HOSE)	ANAMET	061496520647 -01-006	N/A	2E231D	1996	REPLACED	NO
2) FLEX HOSE (UPPER COIL) (LOWER HOSE)	ANAMET	003	N/A	2E231D	1995	REPLACEMENT	NO
3) FLEX HOSE (UPPER COIL) (UPPER HOSE)	ANACONDA	NOT KNOWN	N/A	2E231D	1990	REPLACED	NO
4) FLEX HOSE (UPPER COIL) (UPPER HOSE)	ANAMET	102498531030 01-006	N/A	2E231D	1999	REPLACEMENT	NO
5) HEAT EXCHANGER (TOP COIL)	AEROFIN	900646	N/A	2E231D	1990	REPAIRED	YES
6) HEAT EXCHANGER (BOTTOM COIL)	AEROFIN	900647	N/A	2E231D	1990	REPAIRED	YES

7. Description of Work SEE ATTACHED LISTING

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure SEE ATTACHED LIST.
 Other Pressure _____ psi Test _____ °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 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 FLEX HOSES ARE CONSTRUCTED TO ANSI B31.1.; ORIGINAL CODE OF CONSTRUCTION

Applicable Manufacturer's Data Reports to be attached

FOR AEROFIN HEAT EXCHANGERS ASME VIII DIV 1 1986 ED. NO ADD. CODE CASE 1997-2.

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date June 22, 20 01
Owner or Owner's Designer, Title [Signature] Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period JUNE 11 1999 to JUNE 4 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7325 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 26 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/08/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System CORE SPRAY PUMP ROOM COOLING SYSTEM 234D, CLASS III

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 CC N416-1 (* SEE SECTION 9)

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)
7) HEAT EXCHANGER (TOP COIL)	AEROFIN	900644	N/A	2E231B	1990	REPAIRED	YES
8) HEAT EXCHANGER (BOTTOM COIL)	AEROFIN	900645	N/A	2E231B	1990	REPAIRED	YES
9) HEAT EXCHANGER (TOP COIL)	AEROFIN	900642	N/A	2E231C	1990	REPAIRED	YES
10) HEAT EXCHANGER (BOTTOM COIL)	AEROFIN	900643	N/A	2E231C	1990	REPAIRED	YES
11) HEAT EXCHANGER (TOP COIL)	AEROFIN	900640	N/A	2E231A	1990	REPAIRED	YES
12) PIPE FLANGE	BECHTEL	N/A	N/A	SPHRC221-1 (ITEM 21)	1983	REPAIRED	YES
13) PIPE FLANGE	BECHTEL	N/A	N/A	SPHRC222-1 (ITEM 38)	1983	REPAIRED	YES
14) PIPE FLANGE	BECHTEL	N/A	N/A	SPHRC222-1 (ITEM 39)	1983	REPAIRED	YES

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

1. Owner PPL Susquehanna, LLC Date 06/08/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System CORE SPRAY PUMP ROOM COOLING SYSTEM 234D, CLASS III

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 CC N416-1 (* SEE SECTION 9)

6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER/ AUTHORIZATION	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-2	V82170	2E231D, REPLACED FLEX HOSE WITH NEW HOSE	VT-2 PER SE-254-301 temp: 76°F/press.: 127 psig
3-4	218406	2E231D, REPLACED FLEX HOSE WITH NEW HOSE	VT-2 PER SE-254-301 temp: 55°F/press.: 130 psig
5-6	218406	2E231D, REPAIRED HEADER LIGAMENTS BY WELDING	VT-2 PER SE-254-301 temp: 55°F/press.: 130 psig
7-8	218408	2E231B, REPAIRED HEADER LIGAMENTS BY WELDING	VT-2 PER SE-254-301 temp: 55°F/press.: 130psig
9-10	272644	2E231C, REPAIRED HEADER LIGAMENTS BY WELDING	VT-2 PER SE-000-017 temp: 76°F/press.: 96 psig
11	272653	2E231A, REPAIRED HEADER LIGAMENTS BY WELDING	VT-2 PER SE-000-017 temp: 35°F/press.: 96 psig
12-14	272653	SPHRC221-1 IT# 21 & SPHRC222-1 IT # 38 & # 39 REPAIRED PIPE FLANGES, WELD SURFACING	NON VT-2 PER MI-PS-008

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

1. Owner PPL Susquehanna, LLC Date 06/04/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 3
Address Add
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System HPCI PUMP ROOM COOLING SYSTEM 234E, CLASS III..
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89, CC: N416-1 (* SEE SECTION 9)
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)
1) HEATEXCHANGER	AEROFIN	900615	N/A	2E229B	1990	REPAIRED	YES
2) UPPER FLEX HOSE	ANAMET	105144-BWL-21-1	N/A	2E229B	1994	REPLACED	NO
3) UPPER FLEX HOSE	ANAMET	12049853103 0-01007	N/A	2E229B	1999	REPLACEMENT	NO
4) SMALL PIPE SUBASSEMBLY	PPL	N/A	N/A	SPHRC219-5	1985	REPLACED	NO
5) SMALL PIPE SUBASSEMBLY	PPL	N/A	N/A	SPHRC219-5	2000	REPLACEMENT	NO
6) SMALL PIPE SUBASSEMBLY	PPL	N/A	N/A	SPHRC220-5	1985	REPLACED	NO
7) SMALL PIPE SUBASSEMBLY	PPL	N/A	N/A	SPHRC220-5	2000	REPLACEMENT	NO

7. Description of Work SEE ATTACHED LISTING
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure SEE ATTACHED LIST.
 Other Pressure _____ psi Test _____ °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 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 FLEX HOSES ARE CONSTRUCTED TO ANSI B31.1., ORIGINAL CODE OF CONSTRUCTION

Applicable Manufacturer's Data Reports to be attached

FOR AEROFIN HEAT EXCHANGERS ASME VIII DIV 1 1986 ED. NO ADD. CODE CASE 1997-2.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPAIR AND 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 [Signature] Date June 22, 20 01
Owner or Owner's Designee, Title _____ Supv. - Site Modifications Group _____

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period JUNE 14, 1999 to MARCH 7, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature _____ National Board, State, Province, and Endorsements

Date JUNE 22 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/04/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name Authorization No. N/A
Two North Ninth St., Allentown, PA 18101 Expiration Date N/A
Address

4. Identification of System HPCI PUMP ROOM COOLING SYSTEM 234E, CLASS III.

5. (a) Applicable Construction Code III 19 71 Edition, thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89, CODE CASE N416-1.

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)
8) SMALL PIPE SUPPORT BOLTING	PPL	N/A	N/A	SPHRC219-H5004	1985	REPLACED	NO
9) SMALL PIPE SUPPORT BOLTING	PPL	N/A	N/A	SPHRC219-H5004	2001	REPLACEMENT	NO

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

1. Owner PPL Susquehanna, LLC Date 06/04/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System HPCI PUMP ROOM COOLING SYSTEM 234E, CLASS III.

5. (a) Applicable Construction Code ASME Sec III 19 71 Edition, thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89, CC N416-1

6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-3	P84623	2E229B, REPAIRED HEADER LIGAMENTS BY WELDING AND REPLACED UPPER FLEX HOSE	VT-2 PER SE-254-301 Temp 65°F/press.: 124 psig
4-7	298381	SPHRC219-5 & SP-HRC220-5, REPLACED SMALL PIPE FLANGES.	VT-2 PER SE-000-017 Temp 33°F/press.: 132 psig
8-9	298381	SPHRC219-H5004, REPLACED SMALL PIPE SUPPORT BOLTING.	N/A

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

1. Owner PPL Susquehanna, LLC Date 06/04/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 2
Address Add
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 Addre SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RCIC PUMP ROOM COOLING SYSTEM 234F, CLASS III.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)
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)
1) LOWER FLEX HOSE	ANAMET	06149652064 7-01-002	N/A	2E228B	1996	REPLACED	NO
2) LOWER FLEX HOSE	ANAMET	12049853103 0-01003	N/A	2E228B	1999	REPLACEMENT	NO
3) HEATEXCHANGER	AEROFIN	900610	N/A	2E228A	1990	REPAIRED	YES

7. Description of Work SEE ATTACHED LISTING
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure SEE ATTACHED LIST.
 Other Pressure _____ psi Test _____ °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 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 FLEX HOSES ARE CONSTRUCTED TO ANSI B31.1., ORIGINAL CODE OF CONSTRUCTION

Applicable Manufacturer's Data Reports to be attached

FOR AEROFIN HEAT EXCHANGERS ASME VIII DIV 1 1986 ED. NO ADD. CODE CASE 1997-2.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPAIR AND 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 [Signature] Date June 22, 2001
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period MAY 6, 1999 to APRIL 23, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 22 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/04/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 2
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System RCIC PUMP ROOM COOLING SYSTEM 234F, CLASS III.

5. (a) Applicable Construction Code ASME Sec III 19 71 Edition, thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89

6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-2	P83507	2E228B, REPLACED LOWER FLEX HOSE	VT-2 PER SE-254-301 Temp 69°F/press.: 122 psig
3	P83506	2E228A, REPAIRED GASKET SURFACE BY WELDING	N/A

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

1. Owner PPL Susquehanna, LLC Date 06/08/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 4
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System RHR PUMP ROOM COOLING SYSTEM 234G, CLASS III.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89, CC N416-1. (* SEE SECTION 9)

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)
1) FLEX HOSE (UPPER COIL) (UPPER HOSE)	ANAMET	UNKNOWN	N/A	2E230C	1990	REPLACED	NO
2) FLEX HOSE (UPPER COIL) (UPPER HOSE)	ANAMET	51399532281-01-002	N/A	2E230C	1999	REPLACEMENT	NO
3) HEATEXCHANGER (TOP COIL)	AEROFIN	900626	N/A	2E230C	1990	REPAIRED	YES
4) HEATEXCHANGER (BOTTOM COIL)	AEROFIN	900627	N/A	2E230C	1990	REPAIRED	YES
5) FLEX HOSE (UPPER COIL) (UPPER HOSE)	ANAMET	994-509951-01-005	N/A	2E230D	1994	REPLACED	NO
6) FLEX HOSE (UPPER COIL) (UPPER HOSE)	ANAMET	994-509951-01-003	N/A	2E230D	1999	REPLACEMENT	NO
7) FLEX HOSE (UPPER COIL) (LOWER HOSE)	ANAMET	UNKNOWN	N/A	2E230D	1990	REPLACED	NO

7. Description of Work SEE ATTACHED LISTING

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure SEE ATTACHED LIST.
 Other Pressure _____ psi Test _____ °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 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 FLEX HOSES ARE CONSTRUCTED TO ANSI B31.1., ORIGINAL CODE OF CONSTRUCTION

Applicable Manufacturer's Data Reports to be attached

FOR AEROFIN HEAT EXCHANGERS ASME VIII DIV 1 1986 ED. NO ADD. CODE CASE 1997-2.

CERTIFICATION 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. AND REPAIR repair or replacement

Type Code Symbol Stamp N/A

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

Signed [Signature] Date June 21, 20 01
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period FEB 2, 2000 to FEB 23, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA RA 2479
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 21 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/08/2001
Name
Two North Ninth St., Allentown, PA 18101 Address Add Sheet 2 of 4
2. Plant Susquehanna Steam Electric Station Unit TWO
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 Address SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System RHR PUMP ROOM COOLING SYSTEM 234G, CLASS III
5. (a) Applicable Construction Code III 19 71 Edition, thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89, CODE CASE N416-1.
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)
8) FLEX HOSE (UPPER COIL) (LOWER HOSE)	ANAMET	10249852566 501-002	N/A	2E230D	1994	REPLACEMENT	NO
9) FLEX HOSE (LOWER COIL) (UPPER HOSE)	ANAMET	06149651827 0-01-001	N/A	2E230D	1996	REPLACED	NO
10) FLEX HOSE (LOWER COIL) (UPPER HOSE)	ANAMET	994-509951- 01-002	N/A	2E230D	1994	REPLACEMENT	NO
11) HEATEXCHANGER (TOP COIL)	AEROFIN	900630	N/A	2E230D	1990	REPAIRED	YES
12) HEATEXCHANGER (BOTTOM COIL)	AEROFIN	900631	N/A	2E230D	1990	REPAIRED	YES
13) HEATEXCHANGER (BOTTOM COIL) (TUBE PLUGS)	AEROFIN	900631	N/A	2E230D	1990	REPAIRED	YES
14) HEATEXCHANGER (TOP COIL)	AEROFIN	900628	N/A	2E230B	1990	REPAIRED	YES
15) HEATEXCHANGER (BOTTOM COIL)	AEROFIN	900629	N/A	2E230B	1990	REPAIRED	YES
16) FLEX HOSE (UPPER COIL) (LOWER HOSE)	ANAMET	007	N/A	2E230A	1993	REPLACED	NO
17) FLEX HOSE (UPPER COIL) (LOWER HOSE)	ANAMET	10249852566 501-001	N/A	2E230A	1999	REPLACEMENT	NO

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

1. Owner PPL Susquehanna, LLC Date 06/08/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 4
Address Add
2. Plant Susquehanna Steam Electric Station Unit TWO
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RHR PUMP ROOM COOLING SYSTEM 234G, CLASS III
5. (a) Applicable Construction Code III 19 71 Edition, thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89, CODE CASE N416-1.
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)
18) HEATEXCHANGER (TOP COIL)	AEROFIN	900624	N/A	2E230A	1990	REPAIRED	YES
19) HEATEXCHANGER (BOTTOM COIL)	AEROFIN	900625	N/A	2E230A	1990	REPAIRED	YES
20) SMALL PIPE SUBASSEMBLY	BECHTEL	N/A	N/A	SPHRC227-1 (IT # 20)	1983	REPAIRED	YES
21) HEATEXCHANGER (TOP COIL)	AEROFIN	900626	N/A	2E230C	1990	REPAIRED	YES
22) HEATEXCHANGER (BOTTOM COIL)	AEROFIN	900627	N/A	2E230C	1990	REPAIRED	YES

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

1. Owner PPL Susquehanna, LLC Date 06/04/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 4 of 4
Address Add
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RHR PUMP ROOM COOLING SYSTEM 234G, CLASS III
5. (a) Applicable Construction Code ASME Sec III 19 71 Edition, thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89, CODE CASE N416-1.
6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-4	101367	2E230C, REPLACE UPPER COIL UPPER FLEX HOSE AND REPAIRED HEADER LIGAMENTS BY WELDING	VT-2 PER SE-254-301 Temp 40°F/press.: 135 psig
5-12	207139	2E230D, REPLACED THREE FLEX HOSES AND REPAIRED HEADER LIGAMENTS BY WELDING	VT-2 PER SE-254-301 Temp 76°F/press.: 130 psig
13	207139	2E230D, REPAIRED HTX BY INSTALLING (2) TUBE PLUGS	N/A
14-15	207140	2E230B, REPAIRED HEADER LIGAMENTS BY WELDING	VT-2 PER SE-254-301 Temp: 76°F/press.: 130 psig
16-19	249098	2E230A, REPLACE UPPER COIL LOWER FLEX HOSE AND REPAIRED HEADER LIGAMENTS BY WELDING	VT-2 PER SE-254-301 Temp: 73°F/press.: 130 psig
20	248098	SPHRC227-1, ITEM # 20, REPAIRED PIPE FLANGE BY WELD SURFACING .	NON VT-2 PER MI-PS-008
21-22	282717	2E230C, REPAIR HEADER LIGAMENTS AND GASKET SEATING SURFACE BY WELDING, UPPER AND LOWER HEAT EXCHANGERS	VT-2 PER SE-000-017 Temp: 35 °F/press.: 100 psig

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

1. Owner PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 6/5/2001

Sheet 1 of 1

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

Unit Two
PCWO 204073, 229920, 321384
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol Stamp None

Authorization No. N/A

Expiration Date N/A

4. Identification of System 245A - Feedwater; Class 2

5. (a) Applicable Construction Code III 19 71 Edition, thru W'72 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 Ed

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)
24" Valve	Atwood Morrill	4-203	NA	HV241F032B	1975	Repaired	Yes
24" Valve	Atwood Morrill	3-203	NA	HV251F032A	1975	Repaired	Yes

7. Description of Work Repair bonnet plug weld, remove/replace tack welds & machine disc posts

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure NA psi 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 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

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date June 22, 20 01
Owner or Owner's Designee Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period DEC 17, 1999 to APRIL 9, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 22 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/13/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 4
Address Add
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 Address SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RHR System – Pool Spray, Pumps and Auxiliary 249A, class 2.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 CC N416-1 (* SEE SECTION 9)
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)
1) LARGE PIPE FLANGE BOLTING	BECHTEL	N/A	N/A	GBB212-2 FLANGE M3 & M4	1983	REPLACED	YES
2) LARGE PIPE FLANGE BOLTING	PPL	N/A	N/A	GBB212-2 FLANGE M3 & M4	2001	REPLACEMENT	NO
3) LARGE PIPE FLANGE BOLTING	BECHTEL	N/A	N/A	GBB212-1 FLANGE M2 & M3	1983	REPLACED	YES
4) LARGE PIPE FLANGE BOLTING	PPL	N/A	N/A	GBB212-1 FLANGE M2 & M3	2001	REPLACEMENT	NO
5) LARGE PIPE FLANGE BOLTING	BECHTEL	N/A	N/A	GBB212-1 FLANGE M1 & M4	1983	REPLACED	YES
6) LARGE PIPE FLANGE BOLTING	PPL	N/A	N/A	GBB212-1 FLANGE M1 & M4	2001	REPLACEMENT	NO
7) VALVE	ANDERSON GREENWOOD	6221	N/A	INSTRUMENT VALVE	1983	REPLACED	YES

7. Description of Work SEE ATTACHED LISTING
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure SEE ATTACHED LIST.
 Other Pressure _____ psi Test _____ °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 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 CODE DATA REPORT(S) ATTACHED. CODE(S) OF CONSTRUCTION; Anderson Greenwood

Applicable Manufacturer's Data Reports to be attached

Original Valve ASME Sec III 1974 Ed No Add. Replacement Valve ASME Sec III 1971 Ed Winter 1973 Add.

Anchor Darling Valves; ASME Sec III 1971 Edition Winter 1972 Addenda CC 1516-1 & 1534. Yarway Valve;

Original, ASME Sec III 1974 Edition Winter 1974 Addenda; Replacement Parts Sec III 1986 Edition No Add.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPAIR AND 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 _____ N/A

Signed: [Signature] Date June 22, 20 01
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period Nov. 19, 1999 to APRIL 2, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 22 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/13/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 4
Address Add
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RHR System – Pool Spray, Pumps and Auxiliary 249A, class 2.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 CC N416-1 (* SEE SECTION 9)
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)
8) VALVE	ANDERSON GREENWOOD	N28903	N/A	INSTRUMENT VALVE	1993	REPLACEMENT	YES
9) INSTRUMENT TUBE FITTING	BECHTEL	N/A	N/A	JD-34-3-1C	1983	REPLACED	YES
10) INSTRUMENT TUBE FITTING	PPL	N/A	N/A	JD-34-3-1C	2001	REPLACEMENT	NO
11) LARGE PIPE FLANGE BOLTING	BECHTEL	N/A	N/A	GBB212-2 FLANGE M1 & M2	1983	REPLACED	YES
12) LARGE PIPE FLANGE BOLTING	PPL	N/A	N/A	GBB212-2 FLANGE M1 & M2	2001	REPLACEMENT	NO
13) LARGE PIPE FLANGE BOLTING	BECHTEL	N/A	N/A	GBB212-2 FLANGE M3 & M4	1983	REPLACED	YES
14) LARGE PIPE FLANGE BOLTING	PPL	N/A	N/A	GBB212-2 FLANGE M3 & M4	2001	REPLACEMENT	NO
15) VALVE	ANCHOR DARLING	E5854-63-2	N/A	HV-251F016B	1977	REPAIRED	YES
16) VALVE	ANCHOR DARLING	E5854-62-1	N/A	HV-251F024A	1977	REPAIRED	YES
17) STEM/DISC ASSEMBLY	YARWAY	A0495 (VALVE)	N/A	251018	1977	REPLACED	YES
18) STEM/DISC ASSEMBLY	YARWAY	TEZG-C12	N/A	251018	2000	REPLACEMENT	YES

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

1. Owner PPL Susquehanna, LLC Date 06/13/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 4
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name SEE ATTACHED LIST
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 Addre Repair Organization P.O. No., Job No., etc.
Address

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System RHR System – Pool Spray, Pumps and Auxiliary 249A, class 2.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 CC N416-1 (* SEE SECTION 9)

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)
19) BACKSEAT BUSHING	YARWAY	A0495 (VALVE)	N/A	251018	1977	REPLACED	YES
20) BACKSEAT BUSHING	YARWAY	HT # 5293	N/A	251018	2000	REPLACEMENT	NO

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

1. Owner PPL Susquehanna, LLC Date 06/13/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 4 of 4
Address Add
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RHR System – Pool Spray, Pumps and Auxiliary 249A, class 2.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)
6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-6	214917, 215804 & 215805	GBB212-2 & GBB212-1, REPLACED FLANGE BOLTING	NON VT-2 PER MI-PS-008
7-10	107307	REPLACED INSTRUMENT ISOLATION VALVE	NON VT-2 PER MI-PS-008
11-14	219132 & 219134	GBB212-2, REPLACED FLANGE BOLTING	NON VT-2 PER MI-PS-008
15	320851	HV251F016B, INSTALLATION OF SEAL WELD DISC NUT TO DISC	NON VT-2 PER MI-PS-008
16	233553	HV251F024A, INSTALLATION OF SEAL WELD DISC NUT TO DISC AND BLENDED AREAS OF EROSION	NON VT-2 PER MI-PS-008
17-20	321008	251018, REPLACED VALVE STEM/DISC AND BACKSEAT BUSHING	NON VT-2 PER MI-PS-008

8. Design conditions 2240 (pressure) psi 800 (temperature) °F or valve pressure class 1500 (1)
9. Cold working pressure 3600 psi at 100°F
10. Hydrostatic test 5400 psi. Disk differential test pressure 3960 psi

11. Remarks: REPLACEMENT VALVES

CERTIFICATION OF DESIGN
Design Specification certified by LAWRENCE S. LOOMER P.E. State PA Reg. no. 19875-E
Design Report certified by N/A P.E. State N/A Reg. no. N/A

CERTIFICATE OF COMPLIANCE
We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.
N Certificate of Authorization No. N-2823 Expires 9-10-96
Date 12-15-93 Name ANDERSON, GREENWOOD & CO. Signed Joseph A. Parks
(N Certificate Holder) (authorized representative)

CERTIFICATE OF 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 TX and employed by C.U.I.C. of BOSTON, MASS. have inspected the pump, or valve, described in this Data Report on 12-15-93, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.
By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Date 12/15/93 Signed Roger Loftis Commissions TX #1056
(authorized inspector) (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

(1) For manually operated valves only.

WIP ORDER 5030524

SALES ORDER NO 2025565

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES* As Required by the Provisions of the ASME Code, Section III Not to Exceed One Day's Production

Pg. 1 of 1

- 1. Manufactured and certified by YARWAY CORPORATION, 480 NORRISTOWN ROAD, BLUE BELL, PA 19422-0760
2. Manufactured for FRAMATOME TECHNOLOGIES, LYNCHBURG, VA 24506
3. Location of installation STOCK
4. Type 969155-06, AMS5385E (disc), 52,000 PSI MIN., N/A, 2000
5. ASME Code, Section III: 1986, NONE, 1
6. Fabricated in accordance with Const. Spec. (Div. 2 only)
7. Remarks: FABRICATED IN ACCORDANCE WITH CONSTRUCTION DATA 969005 REV. A, PRESSURE RETAINING PARTS FOR YARWAY SERIES 5500 GLOBE VALVE.
8. Nom. thickness (in.), Min. design thickness (in.), Dia. ID (ft. & in.), Length overall (ft. & in.)
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report

Table with 4 columns: Part or Appurtenance Serial Number, National Board No. in Numerical Order, Part or Appurtenance Serial Number, National Board No. in Numerical Order. Lists items 1-25 and 26-50.

10. Design pressure ** psi. Temp. ** °F Hydro. test pressure N/A at temp. °F (when applicable)

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

(12/86)

This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

PAGE 7 OF 29

FORM N-2 (back)

Mfr. Serial No. SEE FRONT

CERTIFICATION OF DESIGN

Design specifications certified by (SEE REMARKS) P.E. State _____ Reg. no. _____
(when applicable)

Design report* certified by N/A P.E. State _____ Reg. no. _____
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) STEM AND DISC ASSEMBLIES, 1 INCH conforms to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization No. N-2450 Expires November, 14, 2001

Date 6/23/00 Name YARWAY CORPORATION Signed [Signature]
(NPT Certificate Holder) (authorized representative)

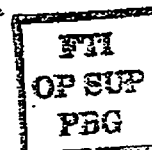
CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of PENNSYLVANIA and employed by FACTORY MUTUAL INSURANCE COMPANY

of Johnston, RI have inspected these items described in this Data Report on 06/23/00 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 06/23/00 Signed [Signature] Commissions PA2389 'N'
(Authorized Inspector) (Nat'l. Bd. [incl. endorsements] state or prov. and no.)



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

1. Owner PPL Susquehanna, LLC
Name

Date 6/6/2001

Two North Ninth St., Allentown, PA 18101
Address

Sheet 1 of 1

2. Plant Susquehanna Steam Electric Station
Name

Unit Two

PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

PCWO 326172, 230631
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name

Type Code Symbol Stamp None

Two North Ninth St., Allentown, PA 18101
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System 249A - RHR Pool Spray, Pumps and Auxiliary; Class 3

5. (a) Applicable Construction Code III * 19 71 Edition, thru W72 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 Ed

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)
Small Pipe	Bechtel	NA	NA	SPHBC239-3	1983	Replaced	Yes
Bolting	Allied	NA	NA	SPHBC239-3	2001	Replacement	No
Small Pipe	Bechtel	NA	NA	SPHBC240-3	1983	Replaced	Yes
Bolting	Allied	NA	NA	SPHBC240-3	2001	Replacement	No
Pipe Support	Bechtel	NA	NA	SPHBC240-H5003	1983	Repaired	No

7. Description of Work Replace bolting; Remove/Reinstall hanger clip

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure NA psi 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 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 Replacement bolting construction code is ASME III, 1989 Edition
Applicable Manufacturer's Data Reports to be attached

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

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

Signed [Signature] Date June 22, 20 01
Owner or Owner's Designee Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period JAN 17, 2001 to APRIL 7, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 22 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/25/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System RHR System – Steam Condensing Mode 249B, class 2.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)

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)
1) HEAT EXCHANGER (BOLTING)	MLW IND	10639-Q	122	2E205A	1976	REPLACED	YES
2) HEAT EXCHANGER (BOLTING)	PPL	N/A	N/A	2E205A	2001	REPLACEMENT	NO
3) HEAT EXCHANGER (TUBE PLUGGING)	MLW	10639-Q	122	2E205A	1976	REPAIRED	YES
4) VALVE (DISC)	CROSBY	N60597-00-0008 (VALVE)	N/A	PSV-25106A	1979	REPLACED	YES
5) VALVE (DISC)	CROSBY	N91885-50-0100	N/A	PSV-25106A	1997	REPLACEMENT	YES
6) VALVE (BASE)	CROSBY	N60597-00-0008 (VALVE)	N/A	PSV-25106A	1979	REPLACED	YES
7) VALVE (BASE)	CROSBY	N91850-45-0042	N/A	PSV-25106A	2000	REPLACEMENT	YES

7. Description of Work SEE ATTACHED LISTING

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure SEE ATTACHED LIST.
 Other Pressure _____ psi Test _____ °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 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 CODE DATA REPORTS ATTACHED. ORIGINAL CODE OF CONSTRUCTION : Heat exchanger

Applicable Manufacturer's Data Reports to be attached

2E205A & B ASME Sec III 1971 ED Thru Winter 72 Add, NO Code Cases. CROSBY Original and

Replacement parts ASME Sec III 1974 Edition Summer 1975 Addenda

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this REPAIR AND 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 N/A

Signed [Signature] Date 6/26, 20 01
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period MARCH 21 2001 to APRIL 23, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 26 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/25/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 3
Address Add
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RHR System – Steam Condensing Mode 249B, class 2.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)
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)
8) SMALL PIPE SUBASSEMBLY (BOLTING)	BECHTEL	N/A	N/A	SPGBB206-2	1983	REPLACED	YES
9) SMALL PIPE SUBASSEMBLY (BOLTING)	PPL	N/A	N/A	SPGBB206-2	2001	REPLACEMENT	NO
10) HEAT EXCHANGER (BOLTING)	MLW IND	10641-Q	124	2E205B	1976	REPLACED	YES
11) HEAT EXCHANGER (BOLTING)	PPL	N/A	N/A	2E205B	2001	REPLACEMENT	NO
12) VALVE (DISC)	CROSBY	N60597-00-0006 (VALVE)	N/A	PSV-25106B	1979	REPLACED	YES
13) VALVE (DISC)	CROSBY	N91885-54-0111	N/A	PSV-25106B	2001	REPLACEMENT	YES
14) VALVE (BASE)	CROSBY	N60597-00-0006 (VALVE)	N/A	PSV-25106B	1979	REPLACED	YES
15) VALVE (BASE)	CROSBY	N91850-46-0043	N/A	PSV-25106B	2001	REPLACEMENT	YES

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

1. Owner PPL Susquehanna, LLC Date 06/25/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System RHR System – Steam Condensing Mode 249B, class 2.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)

6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-2	226500	2E205A, REPLACED HEAT EXCHANGER BOLTING	NON VT-2 PER MI-PS-008
3	226500	2E205A, REPAIRED BY INSTALLATION TUBE PLUGS	NON VT-2 PER MI-PS-008
4-7	231257	PSV25106A, REPLACED RELIEF VALVE DISC & BASE	NON VT-2 PER MI-PS-008
8-9	231260	SPGBB206-2, REPLACED SMALL PIPE FLANGE NUT.	NON VT-2 PER MI-PS-008
10-11	226503	2E205B, REPLACED BOLTING	NON VT-2 PER MI-PS-008
12-15	231249	PSV25106B, REPLACED RELIEF VALVE DISC & BASE	NON VT-2 PER MI-PS-008

23rd MARCH, 01 **Revised March 23, 2001



CROSBY VALVE & GAGE COMPANY
WRENTHAM, MA

Q.C.-392
SHEET 1 OF 2

FORM N-2, N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES
As Required by the Provisions of the ASME Code, Section III, Division 1 - Not to Exceed One Day's Production

1. Manufactured and certified by Crosby Valve & Gage Company 43 Kendrick St. Wrentham, MA 02093
(Name and Address of N Certificate Holder)

2. Manufactured for PENNSYLVANIA POWER & LIGHT
(Name and Address of Purchaser or Owner)

3. Location of Installation BERWICK PA
(Name and Address) *KM 3-23-01*

4. DS-C-60598 REV-D 60597 Rev.E 1997
(CRN) (Drawing No.) (Year Built)

5. ASME SB164 87,000
(Material Spec No.) (Tensile Strength)

6. --- --- Nom. Thickness(in.) --- Min. Design Thickness ---
Dia. ID Length Overall Inch Inch

7. --- --- °F
Design Pressure(PSI) Temperature

Hydrostatic Test (psig) 675 at 70 °F
(When applicable)

8. Fabricated in accordance with Const. Spec.(Div. 2 only) --- Revision --- Date ---
(No.)

9. ASME Code, Section III, Division 1: 1974 SUMMER 1975 *23rd MARCH, 01*
(Edition) (Addenda Date) ** 2 ---
(Class) (Code Case No.) *KM 3-23-01*

10. Remarks _____

11. When applicable, Certificate Holders' data reports are attached for each item of this report:

	Part or Appurtenance Serial Number	National Board No. Numerical Order		Part or Appurtenance Serial Number	National Board No. Numerical Order
(1)	<u>N91855-50-0100</u>	<u>---</u>	(11)	<u>---</u>	<u>---</u>
(2)	<u>---</u>	<u>---</u>	(12)	<u>---</u>	<u>---</u>
(3)	<u>---</u>	<u>---</u>	(13)	<u>---</u>	<u>---</u>
(4)	<u>---</u>	<u>---</u>	(14)	<u>---</u>	<u>---</u>
(5)	<u>---</u>	<u>---</u>	(15)	<u>---</u>	<u>---</u>
(6)	<u>---</u>	<u>---</u>	(16)	<u>---</u>	<u>---</u>
(7)	<u>---</u>	<u>---</u>	(17)	<u>---</u>	<u>---</u>
(8)	<u>---</u>	<u>---</u>	(18)	<u>---</u>	<u>---</u>
(9)	<u>---</u>	<u>---</u>	(19)	<u>---</u>	<u>---</u>
(10)	<u>---</u>	<u>---</u>	(20)	<u>---</u>	<u>---</u>

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this(these) DISC conform to the rules of construction of the ASME Code, Section III.

** 23rd MARCH, 01 REIT 23rd MARCH, 01
Date

Date 26 SEP 97 Signed Crosby Valve & Gage Company by Brett A Crosby
(Npt Certificate Holder) (Authorized Representative)

NV Certificate of Authorization No. N-1877 Expires 30 SEP 98
(Date)

CERTIFICATE OF DESIGN

Design specification certified by* AUTHUR R. SCHICK
PE State CA Reg No. _____
Design Report Certified by* 13898
PE State --- Reg No. ---

*Signature not required - list name only.

CERTIFICATE OF SHOP 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 Massachusetts, and employed by Protection Mutual Insurance Co. of Norwood, Massachusetts have inspected these items described in this Data Report on September 26, 1997 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the data shown above.

By signing this certificate, neither the Inspector nor his employer makes any warrant, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 9-26 1997 ** Kenneth D. Hobbs MA-1418 3-23-01
ANI Date

Signed Kenneth D. Hobbs Commissions MA-1418 N
(Inspector) (Nat'l. Bd., State, Prov. and No.)

*Factory Mutual Systems

Q.C.-392
Sheet 1 of 2

**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***

As required by the Provisions of the ASME Code, Section III, Division 1 - Not to Exceed One Day's Production

- 1. Manufactured and certified by Anderson Greenwood Crosby, 43 Kendrick St., Wrentham, MA 02093
(Name and Address of N Certificate Holder)
- 2. Manufactured for PENNSYLVANIA POWER & LIGHT
(Name and Address of Purchaser or Owner)
- 3. Location of Installation SUSQUEHANNA SES STOREROOM
(Name and Address)
- 4. Type DS-C-60597 REV.E / SA479 TYPE 316 / 75,000 / -- / 2000
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)
- 5. ASME Code, Section III, Division 1: 1974 / SUMMER 1975 / 2 / --
(edition) (addenda date) (class) (Code Case No.)
- 6. Fabricated in accordance with Const. Spec. (Div. 2 only) -- / -- / -- / --
(no.) Revision Date
- 7. Remarks _____
- 8. Nom. thickness (in.) -- Min. design thickness (in.) -- Dia. ID (ft & in.) -- Length overall (ft & in.) --
- 9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) <u>N91850-45-0042</u> /	<u>---</u>	(26)	
(2)		(27)	
(3)		(28)	
(4)		(29)	
(5)		(30)	
(6)		(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

10. Design pressure -- psi. Temp. -- ° F Hydro. test pressure 675 at temp. 70 ° F
(when applicable)

* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8-1/2 x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.
This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

Form N-2 (Back)

Q.C.-392
Sheet 2 of 2

Certificate Holder's Serial No. N91850-45-0042

CERTIFICATE OF DESIGN

Design specifications certified by ARTHUR R. SCHICK P.E. State CA Reg. no. 13898
(when applicable)

Design report* certified by _____ P.E. State _____ Reg. no. _____
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Base
conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-1877 Expires Sep. 30, 2001
Anderson Greenwood Crosby

Date 3 APRIL 2000 Signed Wrentham, MA by [Signature]
(NPT Certificate Holder) (Authorized Representative)

CERTIFICATE OF 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 Massachusetts and employed by Factory Mutual Insurance Co. of Johnston, Rhode Island have inspected these items described in this Data Report on April 03, 20 00 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

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

Date 04/03, 20 00

Signed [Signature]
(Authorized Inspector)

Commissions MA-1418 N
(Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***

As required by the Provisions of the ASME Code, Section III, Division 1 - Not to Exceed One Day's Production

1. Manufactured and certified by Anderson Greenwood Crosby, 43 Kendrick St., Wrentham, MA 02093
(Name and Address of N Certificate Holder)

2. Manufactured for PENNSYLVANIA POWER & LIGHT
(Name and Address of Purchaser or Owner)

3. Location of Installation SUSQUEHANNA SES STOREROOM
(Name and Address)

4. Type DS-C-60597 REV.E / SB164 CL.A / 87,000 / -- / 2001
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)

5. ASME Code, Section III, Division 1: 1974 / SUMMER 1975 / 2 / --
(edition) (addenda date) (class) (Code Case No.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) -- Revision -- Date --
(no.)

7. Remarks _____

8. Nom. thickness (in.) -- Min. design thickness (in.) -- Dia. ID (ft & in.) -- Length overall (ft & in.) --

9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) <u>N91855-54-0109</u>	<u>---</u>	(26) _____	_____
(2) <u>N91855-54-0110</u>	<u>---</u>	(27) _____	_____
(3) <u>N91855-54-0111</u>	<u>---</u>	(28) _____	_____
(4) _____	_____	(29) _____	_____
(5) _____	_____	(30) _____	_____
(6) _____	_____	(31) _____	_____
(7) _____	_____	(32) _____	_____
(8) _____	_____	(33) _____	_____
(9) _____	_____	(34) _____	_____
(10) _____	_____	(35) _____	_____
(11) _____	_____	(36) _____	_____
(12) _____	_____	(37) _____	_____
(13) _____	_____	(38) _____	_____
(14) _____	_____	(39) _____	_____
(15) _____	_____	(40) _____	_____
(16) _____	_____	(41) _____	_____
(17) _____	_____	(42) _____	_____
(18) _____	_____	(43) _____	_____
(19) _____	_____	(44) _____	_____
(20) _____	_____	(45) _____	_____
(21) _____	_____	(46) _____	_____
(22) _____	_____	(47) _____	_____
(23) _____	_____	(48) _____	_____
(24) _____	_____	(49) _____	_____
(25) _____	_____	(50) _____	_____

10. Design pressure -- psi. Temp. -- ° F Hydro. test pressure 750 at temp. 70 ° F
(when applicable)

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

Form N-2 (Back)

Q.C.-392
Sheet 2 of 2

Certificate Holder's Serial No. N91855-54-0109

CERTIFICATE OF DESIGN

Design specifications certified by AUTHUR R. SCHICK P.E. State CA Reg. no. 13898
(when applicable)

Design report* certified by _____ P.E. State _____ Reg. no. _____
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Discs
conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-1877 Expires Sep. 30, 2001
Anderson Greenwood Crosby

Date 28-MAR-01 Signed Wrentham, MA by D.E. T...
(NPT Certificate Holder) (Authorized Representative)

CERTIFICATE OF 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 Massachusetts and employed by Factory Mutual Insurance Co. of Johnston, Rhode Island have inspected these items described in this Data Report on March 28, 20 01 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

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

Date 3-28, 20 01

Signed [Signature]
(Authorized Inspector)

Commissions MA-1418 N
(Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***

As required by the Provisions of the ASME Code, Section III, Division 1 - Not to Exceed One Day's Production

- 1. Manufactured and certified by Anderson Greenwood Crosby, 43 Kendrick St., Wrentham, MA 02093
(Name and Address of N Certificate Holder)
- 2. Manufactured for PENNSYLVANIA POWER & LIGHT
(Name and Address of Purchaser or Owner)
- 3. Location of Installation SUSQUEHANNA SES STOREROOM
(Name and Address)
- 4. Type DS-C-60597 REV.E / SA479 TYPE 316 / 75,000 / -- / 2001
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)
- 5. ASME Code, Section III, Division 1: 1974 / SUMMER 1975 / 2 / --
(edition) (addenda date) (class) (Code Case No.)
- 6. Fabricated in accordance with Const. Spec. (Div. 2 only) -- / -- / -- / --
(no.) Revision Date
- 7. Remarks _____
- 8. Nom. thickness (in.) -- Min. design thickness (in.) -- Dia. ID (ft & in.) -- Length overall (ft & in.) --
- 9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) <u>N91850-46-0043</u>	<u>---</u>	(26) _____	_____
(2) <u>N91850-46-0044</u>	<u>---</u>	(27) _____	_____
(3) _____	_____	(28) _____	_____
(4) _____	_____	(29) _____	_____
(5) _____	_____	(30) _____	_____
(6) _____	_____	(31) _____	_____
(7) _____	_____	(32) _____	_____
(8) _____	_____	(33) _____	_____
(9) _____	_____	(34) _____	_____
(10) _____	_____	(35) _____	_____
(11) _____	_____	(36) _____	_____
(12) _____	_____	(37) _____	_____
(13) _____	_____	(38) _____	_____
(14) _____	_____	(39) _____	_____
(15) _____	_____	(40) _____	_____
(16) _____	_____	(41) _____	_____
(17) _____	_____	(42) _____	_____
(18) _____	_____	(43) _____	_____
(19) _____	_____	(44) _____	_____
(20) _____	_____	(45) _____	_____
(21) _____	_____	(46) _____	_____
(22) _____	_____	(47) _____	_____
(23) _____	_____	(48) _____	_____
(24) _____	_____	(49) _____	_____
(25) _____	_____	(50) _____	_____

10. Design pressure -- psi. Temp. -- ° F Hydro. test pressure 750 at temp. 70 ° F
(when applicable)

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

Form N-2 (Back)

Q.C.-392
Sheet 2 of 2

Certificate Holder's Serial No. N91850-46-0043

CERTIFICATE OF DESIGN

Design specifications certified by AUTHUR R. SCHICK P.E. State CA Reg. no. 13898
(when applicable)

Design report* certified by _____ P.E. State _____ Reg. no. _____
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Bases
conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-1877 Expires Sep. 30, 2001
Anderson Greenwood Crosby

Date 28-MAR-01 Signed Wrentham, MA by D.E. TULL
(NPT Certificate Holder) (Authorized Representative)

CERTIFICATE OF 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 Massachusetts and employed by Factory Mutual Insurance Co. of Johnston, Rhode Island have inspected these items described in this Data Report on March 28, 20 01 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

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

Date 3-28, 20 01

Signed [Signature]
(Authorized Inspector)

Commissions MA-1418 N
(Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

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

1. Owner PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 6/5/2001

Sheet 1 of 1

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

Unit Two

PCWO 247604
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol Stamp None

Authorization No. N/A

Expiration Date N/A

4. Identification of System 249E - RHR Containment Spray Pipe and Logic; Class 2

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 1516-1, 1534 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 89 Ed

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)
12" Gate Valve	Anchor Darling	E5854-40-1	NA	HV251F021A	1976	Replaced	Yes
Valve Disc	Flowserve	R7396	NA	HV251F021A	2001	Replacement	Yes

7. Description of Work Replace valve disc

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure NA psi 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 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 CODE DATA REPORT(S) ATTACHED

Applicable Manufacturer's Data Reports to be attached

CERTIFICATION 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 N/A

Signed [Signature] Date June 22, 20 01
Owner or Owner's Designer, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period MARCH 23, 2001 to APRIL 2, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 22 20 01

1. (a) Manufactured by Flowserve Corporation, 701 First Street, Williamsport, PA 17701
(Name and address of NPT Certificate Holder)

(b) Manufactured for Pennsylvania Power & Light, 2 North Ninth St., Allentown, PA 18101-1179
(Name and address of N Certificate Holder for completed nuclear component)

2. Identification-Certificate Holder's Serial No. of Part S/N - R7396 Nat'l Bd. No. N/A

(a) Constructed According to Drawing No. D71813 Drawing Prepared by Flowserve Corporation

(b) Description of Part Inspected DISC Heat # 1378 SA216-WCB

(c) Applicable ASME Code: Section III, Edition 1971, Addenda date W'72, Case No. N/A Class 2

3. Remarks: 12"-300# F.W. Gate
(Brief description of service for which component was designed)
Flowserve Shop Order #P652G-1

We certify that the statements made in this report are correct and this vessel part or appurtenance as defined in the Code conforms to the rules of construction of the ASME Code Section III.
 (The applicable Design Specification and Stress Report are not the responsibility of the NPT Certificate Holder for parts. An NPT Certificate Holder for appurtenances is responsible for furnishing a separate Design Specification and Stress Report if the appurtenance is not included in the component Design Specification and Stress Report.)

Date 3/23/01 Signed Flowserve Corporation By R. L. Stannett
(NPT Certificate Holder)

Certificate of Authorization Expires 4/15/01 Certificate of Authorization No. N1713

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at _____

Stress analysis report on file at _____


Design specifications certified by _____ Prof. Eng. State _____ Reg. No. _____

Stress analysis report certified by _____ Prof. Eng. State _____ Reg. No. _____

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Pennsylvania and employed by Commercial Union Insurance Company of Boston, Mass. have inspected the part of a pressure vessel described in this Partial Data Report on 3-23-00 and state that to the best of my knowledge and belief, the NPT Certificate Holder has constructed this part in accordance with the ASME Code Section III.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the part described in this Partial Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3-23-01  258

Charles Young Inspector's Signature Commissions Pennsylvania 2392
National Board, State, Province and No.

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8 1/2" x 11", (2) information in items 1-2 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded in item 3, "Remarks".

(10/77)

This form (E00040) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

* Date of 3/23/00 reviewed & Acceptable Ed Betger NPT PA 2389

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

1. Owner PPL Susquehanna, LLC Date 06/18/2001
Name
Two North Ninth St., Allentown, PA 18101 Add Sheet 1 of 3
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 Addre SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RHR SHUTDOWN COOLING MODE SYSTEM 249G, CLASS I
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)
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)
1) VALVE (DISC)	ATWOOD MORRILL	4-204	N/A	HV251F050B	1975	REPLACED	YES
2) VALVE (DISC)	ATWOOD MORRILL	HT # 9334 S/N 1	N/A	HV251F050B	1993	REPLACEMENT	YES
3) VALVE (BONNET PLUG)	ATWOOD MORRILL	4-204	N/A	HV251F050B	1975	REPLACED	YES
4) VALVE (BONNET PLUG)	PPL	N/A	N/A	HV251F050B	2001	REPLACEMENT	NO
5) VALVE	ATWOOD MORRILL	4-204	N/A	HV251F050B	1975	REPAIRED	YES
6) VALVE (STEM/DISC)	MASONEILAN	1810-7-1013-8	N/A	HV251F122B	1991	REPLACED	YES
7) VALVE (STEM/DISC)	MASONEILAN	1810-2-1045-9	N/A	HV251F122B	2001	REPLACEMENT	YES

7. Description of Work SEE ATTACHED LISTING
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure SEE ATTACHED LIST.
 Other Pressure _____ psi Test _____ °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 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 CODE DATA REPORTS ATTACHED. CODE OF CONSTRUCTION : Atwood Morrill, Sec III 1971
Applicable Manufacturer's Data Reports to be attached
Ed Winter 1972 Add CC1535-2. Replacement Part 1971 Ed 1972 Add. Masoneilan Original & Replacement
part Sec III 1974 Ed Winter 1975 Add. J.E.Lonergan Original Sec III 1974 Ed Winter 74 Add CC N-242;
Replacement part supplied by Anderson Greenwood Sec III 1974 Ed Winter 1975 Add

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date June 22, 20 01
Owner or Owner's Designee, Title, Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period MARCH 28, 2001 to APRIL 7, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2139
Inspector's Signature National Board, State, Province, and Endorsements

Date June 22 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/18/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 3
Address Add
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RHR SHUTDOWN COOLING MODE SYSTEM 249G, CLASS I
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)
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)
8) SMALL PIPE SUBASSEMBLY	BECHTEL	N/A	N/A	SPDCA210-1	1983	REPAIRED	YES
9) SMALL PIPE SUBASSEMBLY	BECHTEL	N/A	N/A	SPDCA210-2	1983	REPLACED	YES
10) SMALL PIPE SUBASSEMBLY	PPL	N/A	N/A	SPDCA210-2	2001	REPLACEMENT	NO
11) SMALL PIPE HANGER	BECHTEL	N/A	N/A	SPDCA210-H5007	1983	REPAIR	NO
12) SMALL PIPE HANGER	BECHTEL	N/A	N/A	SPDCA210-H5008	1983	REPLACED	NO
13) SMALL PIPE HANGER	PPL	N/A	N/A	SPDCA210-H5008	2001	REPLACEMENT	NO
14) VALVE	J.E. LONERGAN	510138-2-15-1	N/A	PSV-251F126	1983	REPAIRED	YES
15) VALVE	J.E. LONERGAN	510138-2-15-1	N/A	PSV-251F126	1983	REPLACED	YES
16) VALVE	ANDERSON GREENWOOD	HT 9E6313	N/A	PSV-251F126	1995	REPLACEMENT	YES

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

1. Owner PPL Susquehanna, LLC Date 06/18/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System RHR SHUTDOWN COOLING MODE SYSTEM 249G, CLASS I

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)

6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-5	275214	HV-2512F050B, REPLACED VALVE DISC & BONNET PIPE PLUG. PERFORMED REPAIR ON NEW BONNET (PINNING) DURING INSTALLATION.	NON VT-2 PER MI-PS-008
6-7	301695	HV251F0122B, REPLACED VALVE STEM DISC ASSEMBLY	NON VT-2 PER MI-PS-008
8	276613	SPDCA210-1, FW-18 & 19; REPAIRED SMALL PIPE ASSEMBLY BY INSTALLING UNEQUAL LEG FILLET WELDS.	NON VT-2 PER MI-PS-008
9-10	276647	SPDCA210-2, REPLACED SMALL PIPE SUBASSEMBLY USING UNEQUAL LEG FILLETS	NON VT-2 PER MI-PS-008
11-13	276647	SPDCA210-H5007 & SPDCA210-H5008, H5007 REPAIRED BY REMOVAL & REINSTALLATION OF SPD CLIPS. H5008, REPLACEMENT, INSTALLATION OF PLATE UNDER SPD CLIP	N/A
14-16	229319	PSV251F126, REPAIRED BY SKIM CUT OF BASE AND REPLACED VALVE DISC	NON VT-2 PER MI-PS-008

**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

1. Manufactured and certified by Atwood & Morrill Co., Inc. 285 Canal St., Salem, MA 01970
(name and address of NPT Certificate Holder)
2. Manufactured for Penn Power & Light Co. 2 North Ninth Street, Allentown, PA 18101
(name and address of Purchaser)
3. Location of installation Susquehanna Power Plant 5 Miles NE on Rte 11 Berwick, PA 18603
(name and address)
4. Type: *32427-712-C Rev. 0 SA351-CF8M 79,100 PSI N/A 1993
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III, Division 1: 1971 Winter 1972 1 N/A
(edition) (addenda date) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A
(no.)

7. Remarks: Cust. Item 01, A&M Item 01, Qty 1 Disc - Mod#1 A&M P/N 32427-712-5114-121
(A&M S.O. 31000) *Dwg. Prepared by A&M. This certification meets the required informa-
tion of ASME Section III 1971 Edition, Winter 1972 Addenda. Assy Dwg. 13204-01-H Rev. 9.

8. Nom. thickness (in.) 3 3/4" Min. design thickness (in.) 3,324 Dia. ID (ft & in.) N/A Length overall (ft & in.) N/A

9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) <u>Ht. 9334</u>	<u>N/A</u>	(26)	
(2) <u>S/N 1</u>		(27)	
(3)		(28)	
(4)		(29)	
(5)		(30)	
(6)		(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

Design pressure 1500 psi. Temp. 565° °F. Hydro. test pressure N/A at temp. °F
(when applicable)

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

953740631

Certificate Holder's Serial No. HT-9334 S/N through N/A

CERTIFICATION OF DESIGN

Design specifications certified by Rajan V. Parekh P.E. State PA Reg. no. 29882-E
(when applicable)
Design report* certified by N/A P.E. State N/A Reg. no. N/A
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Disc
conforms to the rules of construction of the ASME Code, Section III, Division 1.
NPT Certificate of Authorization No. N-2607 Expires 6-13-95
Date 4/28/93 Name Atwood & Morrill Co., Inc. Signed Brian A. Sullivan
(NPT Certificate Holder) (authorized representative)

CERTIFICATE OF 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 Massachusetts and employed by H.S.B.I. & I. CO. of Hartford, CT have inspected these items described in this Data Report on JUNE 28, 1993 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.
Date 6/28/93 Signed Willie W. Will Commissions NA-8962 N MA 1337
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

930658

**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***

N341186

**As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production**

Pg. 1 of 1

1. Manufactured and certified by Masoneilan Dresser, 85 Bodwell Street, Avon, Massachusetts 02322-1190
(name and address of NPT Certificate Holder)
2. Manufactured for Pennsylvania Power & Light, 2 North Ninth St., Allentown, PA 18101
(name and address of Purchaser)
3. Location of installation Pennsylvania Power & Light, 5 miles NE of Berwick on US Rt. 11, Berwick, PA 18603
(name and address)
4. Type: P9899 Rev. D Haynes Alloy 6B 139,000 PSI N/A 2001
(drawing no.) (mat'l. spec. no.) (tensile strength) (ICRN) (year built)
5. ASME Code, Section III, Division 1: 1974 Edition Winter 1975 Addenda 1 N/A
(edition) (addenda date) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A
(no.)
7. Remarks: Masoneilan Part N^o 013431-135-1L2 - 1"

Spare Part for S/N N00186-5,-6,-7,-8,-9,-10,-12,-14,-15

Qty. 3

8. Nom. thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) N/A Length overall (ft & in.) N/A
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number Heat Numbers	National Board No. in Numerical Order
(1) <u>1810-2-1045-7</u>	
(2) <u>-8</u>	
(3) <u>-9</u>	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
(10)	
(11)	
(12)	
(13)	
(14)	
(15)	
(16)	
(17)	
(18)	
(19)	
(20)	
(21)	
(22)	
(23)	
(24)	
(25)	

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(26)	
(27)	
(28)	
(29)	
(30)	
(31)	
(32)	
(33)	
(34)	
(35)	
(36)	
(37)	
(38)	
(39)	
(40)	
(41)	
(42)	
(43)	
(44)	
(45)	
(46)	
(47)	
(48)	
(49)	
(50)	

10. Design pressure 1650 psi. Temp. 565 °F. Hydro. test pressure N/A at temp. °F
(when applicable)

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

Certificate Holder's Serial Nos. N-341186-2 through -

CERTIFICATION OF DESIGN

Design specifications certified by Sidney A. Copland P.E. State PA Reg. no. 19877-E
(when applicable)

Design report* certified by N/A P.E. State N/A Reg. no. N/A
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this ~~these~~ Plug S/A conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-1837 Expires August 19, 2001

Date 2-5-01 Name Masonellan-Dresser Industries Signed William J. Conner
(NPT Certificate Holder) (authorized representative)

CERTIFICATE OF 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 MA and employed by H.S.B.I. & I. Co.

of HARTFORD, CT have inspected these items described in this Data Report on FEB. 5, 2001, and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 2/5/01 Signed William W. Will Commissions MA-1337
(Authorized Inspector) [Nat'l. Bd. (incl. endorsements) and state or prov. and no.]

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

P/O: 5-28704-1

As Required by the Provisions of the ASME Code, Section III Not to Exceed One Day's Production

Pg. 1 of 2

S/O: K702800000.001

- 1. Manufactured and certified by ANDERSON, GREENWOOD & CO. A SUBSIDIARY OF KEYSTONE INTERNATIONAL, INC.,
3950 GREENBRIAR, STAFFORD, TX (name and address of NPT Certificate Holder)
- 2. Manufactured for PENNSYLVANIA POWER & LIGHT CO., TWO NORTH NINTH ST., ALLENTOWN, PA 18101
(name and address of Purchaser)
- 3. Location of installation SUSQUEHANNA STATION, 5 MILES NE OF BERWICK ON US RT 11, BERWICK, PA 18603
(name and address)
- 4. Type: C4174 SA479-316 w/#6 STELLITE HF 75 N/A 1995
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)
- 5. ASME Code, Section III, Division 1: 1974 W-75 1 N/A
(edition) (addenda date) (class) (Code Case no.)
- 6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A
(no.)
- 7. Remarks: REPLACEMENT PART N0053550174, QUANTITY 1, HEAT # 9E6313

8. Nom. thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) N/A Length overall (ft & in.) N/A

9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1)	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
(10)	
(11)	
(12)	
(13)	
(14)	
(15)	
(16)	
(17)	
(18)	
(19)	
(20)	
(21)	
(22)	
(23)	
(24)	
(25)	

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(26)	
(27)	
(28)	
(29)	
(30)	
(31)	
(32)	
(33)	
(34)	
(35)	
(36)	
(37)	
(38)	
(39)	
(40)	
(41)	
(42)	
(43)	
(44)	
(45)	
(46)	
(47)	
(48)	
(49)	
(50)	

Design pressure 2000 psi. Temp. 400 °F. Hydro. test pressure N/A at temp. °F (when applicable)

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

HEAT # 9E6313

Certificate Holder's Serial Nos. N/A through N/A

CERTIFICATION OF DESIGN

Design specifications certified by JAAK SAAME (when applicable) P.E. State CA Reg. no. 17004

Design report* certified by ROBERT L. MORRISON (when applicable) P.E. State PA Reg. no. 7414-E

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) PART conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-2825 Expires 9-10-96

Date 9/7/95 Name ANDERSON, GREENWOOD & CO. Signed Joseph A. Parks (authorized representative)

CERTIFICATE OF 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 TEXAS and employed by C.U.I.C.

of BOSTON, MA have inspected these items described in this Data Report on 9-8-95, and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 9-8-95 Signed David Lowell (Authorized Inspector) Commissions Tex 803 [Nat'l. Bd. (incl. endorsements) and state or prov. and no.]

9520122010

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

1. Owner PPL Susquehanna, LLC
Name

Date 6/5/2001

Two North Ninth St., Allentown, PA 18101
Address

Sheet 1 of 1

2. Plant Susquehanna Steam Electric Station
Name

Unit Two

PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

PCWO 260916
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name

Type Code Symbol Stamp None

Two North Ninth St., Allentown, PA 18101
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System 250A - RCIC Water Loop System; Class 2

5. (a) Applicable Construction Code III * 19 71 Edition, thru W'72 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 Ed

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)
Relief Valve	Lonergan	510138-2-12-1	NA	PSV250F017	1982	Replaced	Yes
Nozzle	Lonergan	Ht # A19077	NA	PSV250F017	2001	Replacement	No
Disc	Lonergan	Ht # A13383	NA	PSV250F017	2001	Replacement	No

7. Description of Work Replace valve disc and nozzle

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure NA psi 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 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

* Valve Construction Code is ASME III: 1974 Edition through Winter 1974 Addenda, Code Case N242

Replacement Nozzle is ASME III, 1974 Edition through Winter 1974 Addenda

Replacement Disc is ASME III, 1974 Edition through Winter 1975 Addenda

CERTIFICATION 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 N/A

Signed [Signature] Date June 22, 20 01
Owner or Owner's Designee Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period FEB 3, 2001 to FEB 4, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7525 IGNA PA2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 22 20 01

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

1. Owner PPL Susquehanna, LLC
Name

Date 06/22/2001

Two North Ninth St., Allentown, PA 18101
Address

Sheet 1 of 3

2. Plant Susquehanna Steam Electric Station
Name

Unit TWO

PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System HPCI Turbine and Auxiliary 252B, Class 2.

5. (a) Applicable Construction Code ASME SecIII * 19 71 Edition, WIN 72* Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE CODE EDITION PAGE 3)

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)
1) STEM/DISC ASSEMBLY	YARWAY	A0492 (VALVE)	N/A	1RV-LSH-2N014 (LSH-255N014-R1)	1977	REPLACED	YES
2) STEM/DISC ASSEMBLY	YARWAY	MARK A6 VALVE SN 5373	N/A	1RV-LSH-2N014 (LSH-255N014-R1)	1976	REPLACEMENT	YES
3) BACKSEAT BUSHING	YARWAY	A0492 (VALVE)	N/A	1RV-LSH-2N014 (LSH-255N014-R1)	1977	REPLACED	YES
4) BACKSEAT BUSHING	YARWAY	HT # 5293	N/A	1RV-LSH-2N014 (LSH-255N014-R1)	1999	REPLACEMENT	NO
5) STEM/DISC ASSEMBLY	YARWAY	A0320 (VALVE)	N/A	4RV-LSH-2N014 (LSH-255N014-R4)	1977	REPLACED	YES
6) STEM/DISC ASSEMBLY	YARWAY	90-1-2W1-B5	N/A	4RV-LSH-2N014 (LSH-255N014-R4)	1992	REPLACEMENT	YES
7) BACKSEAT BUSHING	YARWAY	A0320 (VALVE)	N/A	4RV-LSH-2N014 (LSH-255N014-R4)	1976	REPLACED	YES

7. Description of Work SEE ATTACHED LIST.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure (SEE PAGE 3)
 Other Pressure _____ psi Test _____ °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 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 CODE DATA REPORT(S) ATTACHED.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATION 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 [Signature] Date June 22, 20 01
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period JUNE 15 1999 to MARCH 16, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 26 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/22/2001
Name
Two North Ninth St., Allentown, PA 18101
Address
 Sheet 2 of 3

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467, Berwick, PA 18603
Address
SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
Address
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System HPCI Turbine and Auxiliary 252B, Class 2.

5. (a) Applicable Construction Code ASME SecIII * 19 71 Edition, WIN 72* Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE CODE EDITION PAGE 3)

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)
8) BACKSEAT BUSHING	YARWAY	HT # 5293	N/A	4RV-LSH-2N014 (LSH-255N014-R4)	1999	REPLACEMENT	NO
9) RUPTURE DISC	BS&B SAFETY SYSTEMS	HT # 886798	N/A	PSE2D003	1984	REPLACED	NO
10) RUPTURE DISC	BS&B SAFETY SYSTEMS	LOT 84090025-1	N/A	PSE2D003	1997	REPLACEMENT	NO
11) RUPTURE DISC	BS&B SAFETY SYSTEMS	HT # 886798	N/A	PSE2D004	1984	REPLACED	NO
12) RUPTURE DISC	BS&B SAFETY SYSTEMS	LOT 84090025-1	N/A	PSE2D004	1997	REPLACEMENT	NO
13) VALVE	ANDERSON GREENWOOD	N14904	N/A	5 VALVE MANIFOLD	1982	REPLACED	YES
14) VALVE	ANDERSON GREENWOOD	N14925	N/A	5 VALVE MANIFOLD	1982	REPLACEMENT	YES
15) TUBING SUBASSEMBLY	BECHTEL	N/A	N/A	JD-22-3-2A	1983	REPLACED	NO
16) TUBING SUBASSEMBLY	PPL	N/A	N/A	JD-22-3-2A	2001	REPLACEMENT	NO
17) RELIEF VALVE NOZZLE	LONERGAN	510138-2-10-1 (VALVE)	N/A	PSV-256F020	1980	REPLACED	YES
18) RELIEF VALVE NOZZLE	LONERGAN	RN8501755-1-1	N/A	PSV-256F020	1989	REPLACEMENT	YES

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

1. Owner PPL Susquehanna, LLC Date 06/22/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 3
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System HPCI Turbine and Auxiliary 252B, Class 2.

5. (a) Applicable Construction Code ASME SecIII * 19 71 Edition, WIN 72* Addenda, * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE CODE EDITION BELOW)

6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER/ AUTHORIZATION	DESCRIPTION OF WORK	DESCRIPTION OF TESTS	CODE EDITION/ADD (ASME SECT. III)
1-4	V90119	LSH-255N014-R1, REPLACED STEM DISC AND BACKSEAT BUSHING. STEM DISC MARK A6 PREVIOUSLY INSTALLED IN VALVE SN #5373	NON VT-2 PER MI-PS-008	ORIG AND DONOR VALVE, '74 ED/W'74 ADD. BACKSEAT BUSHING '86 /NO ADD
5-8	V90119	LSH-255N014-R4, REPLACED STEM DISC AND BACKSEAT BUSHING.	NON VT-2 PER MI-PS-008	ORIG VALVE, '74 ED/W'74 ADD. REPLACEMENT PARTS '86/NO ADD
9-12	275455	PSE2D003 & PSE2D004, REPLACED HPCI RUPTURE DISCS AS PART OF PREVENTATIVE MAINTENANCE	VT-2 PER SE-000-017 SYS PRESSURE @ 18-24 PSIG, PUMP DISCH @ 1500	ORIGINAL & REPLACEMENT PARTS, 71 ED SUM 73 ADD
13-16	107747	5 VALVE MANIFOLD & JD-33-3-2A, REPLACED VALVE AND ASSOCIATED TUBE FITTINGS.	NON VT-2 PER MI-PS-008	ORIG & REPLACE, '74/NO ADD. INSTRUMENT FITTING '71/W'72
17-18	234602	PSV-256F020, REPLACED VALVE NOZZLE	NON VT-2 PER MI-PS-008	ORIG VALVE '74/74ADD CC 1555, 1574 & N242. REPLACE NOZZLE '74/W'75ADD

**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***

As Required by the Provisions of the ASME Code, Section III
Not To Exceed One Day's Production

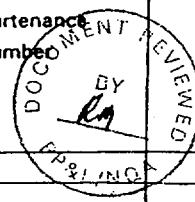
1. Manufactured and certified by J. E. Lonergan Co. 10050 Sandmeyer Lane, Philadelphia, PA 19116
(name and address of NPT Certificate Holder)
2. Manufactured for Pennsylvania Power & Light Co. Two North 9th St. Allentown, PA 18101
(name and address of purchaser) Berwick, PA 19603
3. Location of installation Susquehanna SES Storeroom 5 Miles N.E. of Berwick on US Route 11
(name and address)
4. Type C-3714 Rev. B320 ASME SA-479 Type 30475,000 * 5-10250-1 1989
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III: 1974 Winter 1975 2 N/A
(edition) (addenda date) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A
(no.)
7. Remarks: Item #1 Nozzle Heat #808749 J.E.L. #RN8501755
Size and configuration does not allow for NPT Stamping. Item is identified with the serial number as noted.

* (CRN) Line #4 indicates customer purchase order number.

8. Nom. thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) N/A Length overall (ft & in.) N/A
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) <u>RN8501755-1-1</u>	<u>N/A</u>
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
(10)	
(11)	
(12)	
(13)	
(14)	
(15)	
(16)	
(17)	
(18)	
(19)	
(20)	
(21)	
(22)	
(23)	
(24)	
(25)	

Part or Appurtenance Serial Number	National Board Number in Numerical Order
(26)	
(27)	
(28)	
(29)	
(30)	
(31)	
(32)	
(33)	
(34)	
(35)	
(36)	
(37)	
(38)	
(39)	
(40)	
(41)	
(42)	
(43)	
(44)	
(45)	
(46)	
(47)	
(48)	
(49)	
(50)	



10. Design pressure N/A psi. Temp. N/A °F. Hydro. test pressure N/A at temp. °F
(when applicable)

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

CERTIFICATION OF DESIGN

Design specifications certified by _____ N/A _____ P.E. State N/A Reg. no. N/A
(when applicable)

Design report * certified by _____ N/A _____ P.E. State N/A Reg. no. N/A
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Part(s) conforms to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization No. N-2755 Expires June 5, 1990

Date 3/21/89 Name J. E. Lonergan Co. Signed [Signature]
(NPT Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP 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 PA and employed by H.S.B.I.&I. CO.

of Hardford, CT have inspected these items described in this Data Report on MARCH 21, 1989, and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or of any kind arising from or connected with this inspection.

Date 3/21/1989 Signed [Signature] Commissions PA2493
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state or prov. and no.)

FORM NPV-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

As Required by the Provisions of the ASME Code Rules

1. Manufactured by Yarway Corp., Blue Bell, Pa. Order No. 48282
(Name & Address of Manufacturer)
2. Manufactured for Bechtel Power Corp. Order No. 8856-P-15-A
(Name and Address)
3. Owner Pennsylvania Power & Light Co.
4. Location of Plant 5 miles N.E. of Berwick, Pa. on Route 11 North
5. Pump or Valve Identification Nuclear Service Line Valves, 2" and Smaller
 Serial Nos. 5361 Thru 5385
(Brief description of service for which equipment was designed)

(a) Drawing No. 045111 Rev. B Prepared by Yarway Corp.

(b) National Board No. None

6. Design Conditions _____ psi _____ °F or Pressure Class 1500 psi (1)
(Pressure) (Temperature)

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 2

Edition 1974, Addenda Date Winter 1974, Case No. _____

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	A6	AMS 5382	Nova Hownat	Disc
(b) Forgings	N1 & R3	SA105	Cape Ann Tool Co.	Body
	YW 684	SA193 B7	Republic Steel	Backseat Bushing
			1025	990

(1) For manually operated valves only.

*Supplemental sheets in form of lists, sketches or drawings may be provided (1) size 8 1/2" x 11", (2) information in items 1, 2, 5a and 5b on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

10230961003

FORM NPV-1 (back)

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(c)	Bolting	NONE		
(d)	Other Parts	NONE		

8. Hydrostatic test 5400 psi.

CERTIFICATION OF DESIGN

Design information on file at Bechtel Power Corp.
 Stress analysis report on file at Not Required
 Design specifications certified by John R. Schmiedel (1) Prof. Eng. State Pa. Reg. No. 19870
 Stress analysis report certified by Not Required (1) Prof. Eng. State Reg. No.
 (1) Signature not required. List name only.

We certify that the statements made in this report are correct.

Date Nov. 8, 19 76 Signed Yarway Corp. By W. A. Volger
(Manufacturer)
 Certificate of Authorization No. N899 expires October 28, 1977

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Pennsylvania and employed by Phila. Manufacturers Mutual Insurance Co. of Philadelphia, Pa. have inspected the equipment described in this Data Report on Nov. 8, 19 76, and state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Code, Section III.
 By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data 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.

1025 991
 Date Nov. 8, 19 76

David L. D'Henry
(Inspector)
 David L. D'Henry

Commissions NB 7525 PA 2159
(National Board, State, Province and No.)

*Part of the Factory Mutual System

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

As Required by the Provisions of the ASME Code, Section III Not To Exceed One Day's Production

- 1. Manufactured and certified by Yarway Corporation, 480 Norristown Rd., Blue Bell, PA 19422
2. Manufactured for B & W Nuclear Services, SPIS, Lynchburg, VA 24506
3. Location of installation Stock
4. Type 969155-06 ANS5385E (disc) 52,000 PSI Min. N/A 1992
5. ASME Code, Section III: 1986 None I N/A
6. Fabricated in accordance with Const. Spec. (Div. 2 only)
7. Remarks: Fabricated in accordance with Construction Data 969005 Rev. A, pressure retaining parts for Yarway Series 5500 Globe Valve.
8. Nom. thickness (in.) Min. design thickness (in.) Dia. (D (ft & in.)) Length overall (ft & in.)
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Table with 2 columns: Part or Appurtenance Serial Number, National Board No. In Numerical Order. Lists items 111-255.

Table with 2 columns: Part or Appurtenance Serial Number, National Board Number In Numerical Order. Lists items 261-501.

10. Design pressure * psi. Temp. * F. Hydro. test pressure. N/A at temp. * F.

* For ANSI Class 1500 Valves
Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8" x 11. (2) information in items 2 and 3 on this Data Report is included on each sheet. (3) each sheet is numbered and the number of sheets is recorded at the top of this form.
This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 3300, Fairfield, NJ 07007-3300.

FORM N-2 (back)

Mfr. Serial No. See front

CERTIFICATION OF DESIGN

Design specifications certified by (See remarks) P.E. State _____ Reg. no. _____
(when applicable)

Design report* certified by N/A P.E. State _____ Reg. no. _____
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Stem & Disc Assemblies, 1"
 conforms to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization No. N-2450 Expires November 14, 1995

Date 21 DEC 92 Name Yarway Corporation Signed F. W. Peszka
(NPT Certificate Holder) (Authorized Representative)

CERTIFICATE OF SHOP 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 Arkwright Mutual Insurance Company* of Norwood, MA have inspected these items described in this Data Report on 12-21-92 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

* **Factory Mutual System**

Date 12-21-92 Signed M. S. Beville Commissions PA 2056 NIBS
(Authorized Inspector) (Nat'l. Bd. Incl. endorsements) state or prov. and no. 1

FORM NPV-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

As Required by the Provisions of the ASME Code Rules

- 1. Manufactured by Anderson, Greenwood & Co; 5425 S. Rice Ave; Houston, TX 77081 Order No. 94.0254.03
(Name & Address of Manufacturer)
- 2. Manufactured for Bechtel Power Corp; P.O.Box 384; Berwick, PA 18603 Order No. 8856-J-94-AC
(Name and Address)
- 3. Owner Pennsylvania Power & Light Company
- 4. Location of Plant Susquehanna Steam Elec Sta; 4.5 mi NE of Berwick, PA on Rt. 11 N
- 5. Pump or Valve Identification S/N: N14912 thru N14936
5-Valve Manifold
(Brief description of service for which equipment was designed)

- (a) Drawing No. N02-8248-600 Prepared by Anderson, Greenwood and Company
- (b) National Board No. N/A
- 6. Design Conditions 2350 (Pressure) psi 700 °F (Temperature)
- 7. The material, design, construction, and workmanship complies with ASME Code Section III. Class 2
Edition 1974, Addenda Date No, Case No. N/A

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	<u>N/A</u>		
(b) Forgings	<u>N/A</u>		

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8 1/2" x 11", (2) information in items, 1, 2, 5a and 5b on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

FORM NPV-1 (back)

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(c)	Bolting	N/A		
(d)	Other Parts			
	N02-8264-001	SA105	Gulfalloy	Pipe Plug 1/8
	N02-8264-003	SA105	Gulfalloy	Pipe Plug 1/4
	N02-2583-001	SA105	AGCO	Bonnet
	N02-8247-500	SA105	AGCO	Body
	N02-1519-002	SA213-316	AGCO	Tube
	N02-8274-001	A276-316	Ultraspherics	Ball

8. Hydrostatic test 5400 psi.

CERTIFICATION OF DESIGN

Design information on file at Anderson, Greenwood and Company
 Stress analysis report on file at N/A
 Design specifications certified by Lawrence S. Loomer (1) Prof. Eng. State PA Reg. No. 19875-E
 Stress analysis report certified by N/A (1) Prof. Eng. State N/A Reg. No. N/A
 (1) Signature not required. List name only.

We certify that the statements made in this report are correct.

Date 6-11 19 82 Signed Anderson, Greenwood & Co. By Grant Dango
(Manufacturer)

Certificate of Authorization No. 2203 expires 8/4/84

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Province of Texas and employed by C.U.I.C. of Boston, Mass. have inspected the equipment described in this Data Report on 6-11 19 82, and state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Code, Section III.

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

Date 6/11 19 82

Dennis J. J. J. (Inspector) Commission Dexco 1027 Penn WC # 2843 (National Board, State, Province and No.)

TECHTEL
594

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

1. Owner PPL Susquehanna, LLC Date 06/07/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System Standby Liquid Control 253A, Class 2.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)

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)
1) SQUIBB VALVE (INLET FITTING)	CONAX	GE-0540-EQ (5520)	5520	248F004A	1998	REPLACED	YES
2) SQUIBB VALVE (INLET FITTING)	CONAX	GE-577-EQ (5774)	5774	248F004A	1999	REPLACEMENT	YES
3) SQUIBB VALVE (TRIGGER ASSEMBLY)	CONAX	GE-0540-EQ (5545)	5545	248F004A	1998	REPLACED	YES
4) SQUIBB VALVE (TRIGGER ASSEMBLY)	CONAX	GE-577-EQ (5749)	5749	248F004A	1999	REPLACEMENT	YES
5) SQUIBB VALVE (INLET FITTING)	CONAX	GE-539-EQ (5519)	5519	248F004B	1998	REPLACED	YES
6) SQUIBB VALVE (INLET FITTING)	CONAX	GE-576-EQ (5773)	5773	248F004B	1999	REPLACEMENT	YES
7) SQUIBB VALVE (TRIGGER ASSEMBLY)	CONAX	GE-539-EQ (5544)	5544	248F004B	1998	REPLACED	YES

7. Description of Work SEE ATTACHED LISTING

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure SEE ATTACHED LIST.
 Other Pressure _____ psi Test _____ °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 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 CODE DATA REPORTS ATTACHED. CODE OF CONSTRUCTION : IST CONAX Original Valve

Applicable Manufacturer's Data Reports to be attached

and Replacement Parts Code of Const.: ASME Sec III 1977 thru Summer 77 Addenda.

CERTIFICATION 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 [Signature] Date June 22, 2001
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period DEC. 12, 2000 to APRIL 2, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 22 2001

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

1. Owner PPL Susquehanna, LLC Date 06/07/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System Standby Liquid Control 253A, Class 2.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)

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)
8) SQUIBB VALVE (TRIGGER ASSEMBLY)	CONAX	GE-576-EQ (5748)	5748	248F004B	1999	REPLACEMENT	YES

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

1. Owner PPL Susquehanna, LLC Date 06/07/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address
Expiration Date N/A

4. Identification of System Standby Liquid Control 253A, Class 2.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)

6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-4	229315	248F004A, REPLACED SQUIBB VALVE INLET FITTING AND TRIGGER ASSEMBLY.	VT-2 PER SE-253-301 Temp 82°F / Press 1400 psig
5-8	229312	248F004B, REPLACED SQUIBB VALVE INLET FITTING AND TRIGGER ASSEMBLY.	VT-2 PER SE-253-301 Temp 82°F / Press 1400 psig

* CORRECTED COPY
5/16/00

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES*

As Required by the Provisions of the ASME Code, Section III

Not to Exceed One Day's Production

1. Manufactured and certified by IST Conax Nuclear, 402 Sonwil Drive, Cheektowaga, NY 14225
(name and address of NPT Certificate Holder)

2. Manufactured for GE Nuclear Energy, 175 Curtner Avenue, San Jose, CA 95125
(name and address of Purchaser)

3. Location of Installation Unknown
(name and address)

4. Type: N20000, Rev. G SA479 304SST 75 KSI N/A 1999
(drawing no.) (mat'l spec. no.) (tensile strength) (CRN) (year built)

5. ASME Code, Section III, Division 1: 77 S77 1 N/A
(edition) (addenda date) (class) (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision Date
(no.)

7. Remarks: Trigger Body Subassembly for explosive actuated valve replacement kit for standby liquid control system.

Para. NB-2121 (b) is applicable to ram. Press Fit/Seal on .328 & .4375 diameters. Overall subassembly length is 2.5".

Pressure Test at 2800 psi for 10 minutes.

8. Nom. thickness (in.) See Remarks Min. design thickness (in.) See Remarks Dia. ID (ft & in.) See Remarks Length overall (ft & in.) See Remarks

9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) 5745	5745
(2) 5746	5746
(3) 5747	5747
(4) 5748	5748
(5) 5749	5749
(6) 5750	5750
(7)	
(8)	
(9)	
(10)	
(11)	
(12)	
(13)	
(14)	
(15)	
(16)	
(17)	
(18)	
(19)	
(20)	
(21)	
(22)	
(23)	
(24)	
(25)	

S/N'S
GE-575-EQ
GE 576-EQ
GE 577-EQ

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(26)	
(27)	
(28)	
(29)	
(30)	
(31)	
(32)	
(33)	
(34)	
(35)	
(36)	
(37)	
(38)	
(39)	
(40)	
(41)	
(42)	
(43)	
(44)	
(45)	
(46)	
(47)	
(48)	
(49)	
(50)	

Design pressure 1500 psi. Temp. 150 °F. Hydro. test pressure * See Remarks at temp. °F
(when applicable)

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

FORM N-2 (Back - Pg. 2 of 2)

Certificate Holder's Serial Nos. 5745 through 5750

CERTIFICATION OF DESIGN

Design specifications certified by George I. Skoda P.E. State CA Reg. no. 15847

Design report* certified by Francis J. Domino P.E. State NY Reg. no. 36832

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) * Trigger Body Subassembly conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-1850 Expires September 2, 2001

Date 5/16/00 Name IST Conax Nuclear Signed Paul Elouchin (NPT Certificate Holder) (authorized representative)

CERTIFICATE OF 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 New York and employed by Hartford Steam Boiler Inspection & Insurance Company

of Hartford, CT have inspected these items described in this Data Report on MAY 26, 1999, and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 5-16-00 Signed [Signature] Commissions NB 10964AN NY 5057 (Nat'l Bd. (incl. endorsements) and state or prov. and no.)

**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

06

Pg. 1 of 2

1. Manufactured and certified by IST Conax Nuclear, Inc. 402 Sonwil Drive, Cheektowaga, NY 14225
(name and address of NPT Certificate Holder)
2. Manufactured for GE Nuclear Energy, 175 Curtner Avenue, San Jose, CA 95125
(name and address of Purchaser)
3. Location of installation Unknown
(name and address)
4. Type: N38017, Rev. F SA479 304SST / 75 KSI N/A 1999 /
(drawing no.) (mat'l spec. no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III, Division 1: 77 / S77 / 1 N/A
(edition) (addenda date) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision Date
(no.)
7. Remarks: Inlet Fitting for explosive actuated valve replacement kit for standby liquid control system.

Pressure Test at 2800 psi for 10 minutes.

8. Nom. thickness (in.) .040 Min. design thickness (in.) .031 Dia. ID (ft & in.) .815" Length overall (ft & in.) 2.245"
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) <u>5770</u>	<u>5770</u>
(2) <u>5771</u>	<u>5771</u>
(3) <u>5772 /</u>	<u>5772</u>
(4) <u>5773 /</u>	<u>5773</u>
(5) <u>5774 /</u>	<u>5774</u>
(6) <u>5775</u>	<u>5775</u>
(7) <u> </u>	<u> </u>
(8) <u> </u>	<u> </u>
(9) <u> </u>	<u> </u>
(10) <u> </u>	<u> </u>
(11) <u> </u>	<u> </u>
(12) <u> </u>	<u> </u>
(13) <u> </u>	<u> </u>
(14) <u> </u>	<u> </u>
(15) <u> </u>	<u> </u>
(16) <u> </u>	<u> </u>
(17) <u> </u>	<u> </u>
(18) <u> </u>	<u> </u>
(19) <u> </u>	<u> </u>
(20) <u> </u>	<u> </u>
(21) <u> </u>	<u> </u>
(22) <u> </u>	<u> </u>
(23) <u> </u>	<u> </u>
(24) <u> </u>	<u> </u>
(25) <u> </u>	<u> </u>

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(26) <u> </u>	<u> </u>
(27) <u> </u>	<u> </u>
(28) <u> </u>	<u> </u>
(29) <u> </u>	<u> </u>
(30) <u> </u>	<u> </u>
(31) <u> </u>	<u> </u>
(32) <u> </u>	<u> </u>
(33) <u> </u>	<u> </u>
(34) <u> </u>	<u> </u>
(35) <u> </u>	<u> </u>
(36) <u> </u>	<u> </u>
(37) <u> </u>	<u> </u>
(38) <u> </u>	<u> </u>
(39) <u> </u>	<u> </u>
(40) <u> </u>	<u> </u>
(41) <u> </u>	<u> </u>
(42) <u> </u>	<u> </u>
(43) <u> </u>	<u> </u>
(44) <u> </u>	<u> </u>
(45) <u> </u>	<u> </u>
(46) <u> </u>	<u> </u>
(47) <u> </u>	<u> </u>
(48) <u> </u>	<u> </u>
(49) <u> </u>	<u> </u>
(50) <u> </u>	<u> </u>

10. Design pressure 1500 psi. Temp. 150 °F. Hydro. test pressure * See Remarks at temp. °F
(when applicable)

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

5
GES
1/21/20

FORM N-2 (Back - Pg. 2 of 2)

6A

Certificate Holder's Serial Nos. 5770 through 5775

CERTIFICATION OF DESIGN

Design specifications certified by George I. Skoda (when applicable) P.E. State CA Reg. no. 15847
Design report* certified by Francis J. Domino (when applicable) P.E. State NY Reg. no. 36832

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Inlet Fittings conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-1850 Expires September 2, 2001

Date 6/4/99 Name IST Conax Nuclear (NPT Certificate Holder) Signed Paul Elouhym (authorized representative)

CERTIFICATE OF 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 New York and employed by Hartford Steam Boiler Inspection & Insurance Company of Hartford, CT have inspected these items described in this Data Report on MAY 26, 1999, and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 9-27-99 Signed [Signature] (Authorized Inspector) Commissions NB 10964AN NY 5057 (Nat'l Bd. (incl. endorsements) and state or prov. and no.)

Handwritten stamp: B SES 11/21/2000

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

1. Owner PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 06/18/2001

Sheet 1 of 1

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

Unit TWO
PCWO # 256813 & 252496,
CRF # 00-255-004 & 00-255-005
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization No. N/A

Expiration Date N/A

4. Identification of System CONTROL ROD DRIVE HYDRAULIC SYSTEM, 255, CLASS III

5. (a) Applicable Construction Code ASME SecIII 19 71 Edition, thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 CC N-416-1

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)
1) LARGE PIPE ASSEMBLY	PPL	N/A	N/A	DBC-208-1	1986	REPLACED	NO
2) LARGE PIPE ASSEMBLY	PPL	N/A	N/A	DBC-208-1	2000	REPLACEMENT	NO
3) VALVE	ANCHOR DARLING	E6695-1-1	N/A	2-46-027	1986	REPLACED	YES
4) VALVE	FLOWERVE	E932A-1-4	N/A	2-46-027	2000	REPLACEMENT	YES
5) VALVE	ANCHOR DARLING	E6695-1-2	N/A	2-46-028	1986	REPLACED	YES
6) VALVE	FLOWERVE	E932A-1-3	N/A	2-46-028	2000	REPLACEMENT	YES

7. Description of Work REPLACED VALVES AND PIPE BY WELDING, 246027 & 246028

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 1080 psi Test 74 °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 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 MANUFACTURER'S DATA REPORT IS ATTACHED. Section 5(a) Original Valve Code of Const.

Applicable Manufacturer's Data Reports to be attached

ASME Sec III, 1971 ED Summer 1973 Addenda CC 1516-1 & 1534. Replacement Valve(s) Code of

Construction ASME Sec III, 1980 ED Summer 1982 Addenda.

CERTIFICATION 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 _____ N/A

Signed [Signature] Date June 21, 2001
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period Aug 15, 2000 to MARCH 28, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 21 2001

1983 Edition

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured and certified by Flowserve Corp.
701 First Street, Williamsport, PA 17701
(name and address of N Certificate Holder)

2. Manufactured for Pennsylvania Power & Light Inc., 2 North Ninth St., Allentown, PA
18101-1149
(name and address of Purchaser or Owner)

3. Location of installation Susquehanna Station, P.O. Box 467, Berwick, PA 18603
(name and address)

4. Model No., Series No., or Type Durabla Drawing W9925476 Rev. A CRN --
Check

5. ASME Code Section III: 1980 Summer 82 3 --
Edition Addenda date Class Code Case no.

6. Pump or valve Valve Nominal inlet size 3" Outlet size 3"
(in.) (in.)

7. Material: Body SA216-WCB End Flange SA105 Disk SA479-316 Bolting SA193-B7
SA194-2H

(a) Cert. Holder's Serial No.	(b) Nat'l Board No.	(c) Body Serial No.	(d) Serial No. End Flange	(e) Disk Serial No.
<u>E932A-1-3</u>	<u>N/A</u>	<u>4</u>	<u>HT #703ZNF1</u>	<u>3</u>
<u>E932A-1-4</u>	<u>N/A</u>	<u>6</u>	<u>HT #703ZNF1</u>	<u>4</u>

* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data 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 NPV-1

Mr. Serial No. _____

8. Remarks _____

S.O. #E932A-1

9. Design conditions 2220 (pressure) psi 100 (temperature) °F or valve pressure class 900# (1)

10. Cold working pressure 2220 psi at 100°F

11. Hydrostatic test 3350 psi Temp. Ambient °F Disk differential test pressure 2442 psi

CERTIFICATION OF DESIGN

Design Specification certified by J.R. Schmiedel Prof. Eng. state PA Reg. No. 19870-E
Design Report certified by R.S. Farrell Prof. Eng. state PA Reg. No. 035216-E

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III.


N Certificate of Authorization No. N1712 Expires 4/15/01

Date 3/20/2000 Name Flowserve Corp. Signed R.S. Farrell
(N Certificate Holder) (representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Pennsylvania and employed by Commercial Union Ins. Co. of Boston, MA have inspected the pump, or valve, described in this Data Report on 1-200-3-20-00, and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III.

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

Date MAR 20 2000 19  258 Commissions Pennsylvania 2392
(Inspector) (Nat'l Bd., (incl. endorsements) State, Prov. and No.)
Charles Young

(1) For manually operated valves only.

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

1. Owner PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 06/12/2001
 Sheet 1 of 3

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

Unit TWO
SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System CONTROL ROD HYDRAULICS SYSTEM 255B, CLASS 2.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE COMENTS SECTION 9)

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)
1) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	1898	N/A	HCU-4227	1975	REPLACED	YES
2) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	8356	N/A	HCU-4227	1999	REPLACEMENT	YES
3) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	1946	N/A	HCU-3815	1975	REPLACED	YES
4) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	8346	N/A	HCU-3815	1999	REPLACEMENT	YES
5) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	1234	N/A	HCU-5031	1975	REPLACED	YES
6) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	8343	N/A	HCU-5031	1999	REPLACEMENT	YES
7) VALVE (STEM/DISC ASSM)	DRAGON	EM1237 (VALVE)	N/A	247F102-0639	1977	REPLACED	YES

7. Description of Work SEE ATTACHED LIST.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure (SEE PAGE 3)
 Other Pressure _____ psi Test _____ °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 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 CODE DATA REPORT(S) ATTACHED; CODE OF CONSTRUCTION: DRAGON, ORIG. VALVES

Applicable Manufacturer's Data Reports to be attached

ASME III, '74W'75; PARTS ASME III '80 SUMMER '82 ADD. ALL VOGT VALVES ASME III '71 S '73;

PARTS ASME III '71 WINTER 71 ADD. GE ACCUMULATORS: ASME VIII, DIV 1,

(YEAR 1998 & 1999) '98 ED. '98 ADD

CERTIFICATION 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 [Signature] Date June 20, 20 01
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period MARCH 14, 2000 to MARCH 13, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 21 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/12/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 3
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CONTROL ROD HYDRAULICS SYSTEM 255B, CLASS 2.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE COMMENTS SECTION 9)
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)
8) VALVE (STEM/DISC ASSM)	DRAGON	HT # 46190	N/A	247F102-0639	1983	REPLACEMENT	NO
9) VALVE (GATE)	HENRY VOGT	3995-193645 (VALVE)	N/A	247101-3843	1975	REPLACED	YES
10) VALVE (GATE)	HENRY VOGT	HT CD# WAY	N/A	247101-3843	1996	REPLACEMENT	YES
11) VALVE (STEM/DISC ASSM)	DRAGON	EM1587 (VALVE)	N/A	247F101-2647	1977	REPLACED	YES
12) VALVE (STEM/DISC ASSM)	DRAGON	HT # 46190	N/A	247F101-2647	1983	REPLACEMENT	NO
13) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	2019	N/A	HCU-1823	1975	REPLACED	YES
14) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	8131	N/A	HCU-1823	1999	REPLACEMENT	YES
15) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	1395	N/A	HCU-1047	1975	REPLACED	YES
16) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	8341	N/A	HCU-1047	1999	REPLACEMENT	YES
17) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	1317	N/A	HCU-3411	1975	REPLACED	YES
18) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	8118	N/A	HCU-3411	1998	REPLACEMENT	YES

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

1. Owner PPL Susquehanna, LLC Date 06/12/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 3
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System CONTROL ROD HYDRAULICS SYSTEM 255B, CLASS 2.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A* Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE COMMENTS SECTION 9)

6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER	CODE FORM	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-2	229500	00-255-001	HCU-4227, REPLACED ACCUMULATOR	NON VT-2 PER MT-055-002
3-4	252689	00-255-002	HCU-3815, REPLACED ACCUMULATOR	NON VT-2 PER MT-055-002
5-6	252690	00-255-003	HCU-5031, REPLACED ACCUMULATOR	NON VT-2 PER MT-055-002
7-8	107603	00-255-005	247F102, HCU-0639, REPLACED STEM DISC	NON VT-2 PER MI-PS-008
9-10	107604	00-255-006	247101, HCU-3843, REPLACED GATE	NON VT-2 PER MI-PS-008
11-12	107605	00-255-007	247F101, HCU-2647, REPLACED STEM DISC	NON VT-2 PER MI-PS-008
13-14	272667	00-255-008	HCU-1823, REPLACED ACCUMULATOR	NON VT-2 PER MT-055-002
15-16	296965	00-255-009	HCU-1047, REPLACED ACCUMULATOR	NON VT-2 PER MT-055-002
17-18	296968	00-255-010	HCU-3411, REPLACED ACCUMULATOR	NON VT-2 PER MT-055-002

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only) As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by General Electric Company Nuclear Energy (GE-NE) 3901 Castle Hayne Road, Wilmington, North Carolina 28401
2. Manufactured for Susquehanna 1&2 Berwick, Pennsylvania 18603
3. Location of installation not known
4. Type Vertical 8356 N/A 112D3405 G001 Rev 03 N/A 1999
5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1998 to 1998 Addenda (Date) N/A Code Case Nos. N/A Special Service per UG-120(d)
6. Shell: SA351 CF8 0.750 0.005 7.028 3 ft. 2.38 inches
7. Seams: Seamless N/A
8. Heads: (a) Matl. SA182-F304 (b) Matl. SA182-F304

Table with 10 columns: Location (Top, Bottom, Ends), Minimum Thickness, Corrosion Allowance, Crown Radius, Knuckle Radius, Elliptical Ratio, Conical Apex Angle, Hemispherical Radius, Flat Diameter, Side to Pressure (Convex or Concave). Rows for (a) Top and (b) Bottom.

If removable, bolts used (describe other fastenings)

9. MAWP 2100 psi at max. temp. 150 F. Min. design metal temp. 35 F at 2100 psi. Hydrostatic test pressure 3500 psi.

10. Nozzles, inspection and safety valve openings:

Table with 9 columns: Purpose (Inlet, Outlet, Drain), No., Drain or Size, Type, Matl., Nom. Thickness, Reinforcement Material, How Attached, Location. Rows for Gas Port and Water Port.

11. Supports: Skirt No Lugs No Legs No Other Band Clamps Attached around approx. middle

12. Remarks: Manufacturer's Partial Data reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: N/A

Complete mechanical assembly with no welded joints. Although a Differential Pressure exists on each side of the Internal Piston, the Accumulator Cylinder is hydrostatically tested with the Piston removed. Meets design, construction, and test requirements of 1977 edition, winter 1979 addenda.

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. Certificate of Authorization No. 10,572 expires June 10, 2002. Date 09/13/99 Co. name GE-NE Signed [Signature]

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by GE-NE at Wilmington, North Carolina. I, the undersigned, holding a valid commission issued by the National Board and Pressure Vessel Inspectors and/or the State or Province of North Carolina and employed by Department of Labor have inspected the component described in this Manufacturer's Data Report on 9/13, 1999, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME, Section VIII, Division 1. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Date 9/13/99 Signed [Signature] Commissioned NC 1231, Ohio, WC 3686 PA

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only) As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by General Electric Company Nuclear Energy (GE-NE) 3901 Castle Hayne Road, Wilmington, North Carolina 28401. 2. Manufactured for Susquehanna 1&2 Berwick, Pennsylvania 18603. 3. Location of installation not known. 4. Type Vertical 8346 N/A 112D3405 G001 Rev 03 N/A 1999. 5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. 6. Shell: SA351 CF8 0.750" 0.005" 7.028" 3 ft. 2.38 inches. 7. Seams: Seamless. 8. Heads: (a) SA182-F304 (b) SA182-F304

Table with 10 columns: Location (Top, Bottom, Ends), Minimum Thickness, Corrosion Allowance, Crown Radius, Knuckle Radius, Elliptical Ratio, Conical Apex Angle, Hemispherical Radius, Flat Diameter, Side to Pressure (Convex or Concave). Rows for (a) Top and (b) Bottom.

If removable, bolts used (describe other fastenings) (Matl., Spec. No., Gr., Size, No.)

9. MAWP 2100 psi at max. temp. 150° F. Min. design metal temp. 35° F at 2100 psi. Hydrostatic test pressure 3500 psi.

10. Nozzles, inspection and safety valve openings:

Table with 9 columns: Purpose (Inlet, Outlet, Drain), No., Drain or Size, Type, Matl., Nom. Thickness, Reinforcement Material, How Attached, Location. Rows for Gas Port and Water Port.

11. Supports: Skirt No Lugs (No.) Legs (No.) Other Band Clamps Attached around approx. middle

12. Remarks: Manufacturer's Partial Data reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:

N/A (Name of part, item number, Mfg's. name and identifying stamp) Complete mechanical assembly with no welded joints. Although a Differential Pressure exists on each side of the Internal Piston, the Accumulator Cylinder is hydrostatically tested with the Piston removed. Meets design, construction, and test requirements of 1977 edition, winter 1979 addenda.

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 10.572 expires June 10, 2002.

Date 09/13/99 Co. name GE-NE (Manufacturer) Signed [Signature] (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by GE-NE at Wilmington, North Carolina.

I, the undersigned, holding a valid commission issued by the National Board and Pressure Vessel Inspectors and/or the State or Province of North Carolina and employed by Department of Labor have inspected the component described in this Manufacturer's Data Report on 9/10, 1999, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 9/13/99 Signed [Signature] (Authorized Inspector) NC 1231, Ohio, WC 3686 PA [National Board (incl. endorsements), State, Prov. and No.]

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
 (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by General Electric Company Nuclear Energy (GE-NE)
3901 Castle Hayne Road, Wilmington, North Carolina 28401
(Name and address of manufacturer)

2. Manufactured for Susquehanna 1&2 Berwick, Pennsylvania 18603
(Name and address of purchaser)

3. Location of Installation not known
(Name and address)

4. Type Vertical 8343 N/A 112D3405 G001 Rev 03 N/A 1999
(Honz. or vert. tank) (Mfr's serial No.) (CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1998 to 1998 Addenda (Date) N/A Code Case Nos. N/A Special Service per UG-120(d) N/A
Year

6. Shell: SA351 CF8 0.750" 0.005" 7.028" 3 ft. 2.38 inches
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Cor. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: Seamless N/A
Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) R.T. Temp. (F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Mat'l. SA182-F304 (b) Mat'l. SA182-F304
(Spec. No. Grade) (Spec. No. Grade)

Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) <u>Top</u>	<u>2.485"</u>	<u>0.005"</u>	-	-	-	-	-	<u>7.220"</u>	<u>Flathead</u>
(b) <u>Bottom</u>	<u>2.485"</u>	<u>0.005"</u>	-	-	-	-	-	<u>7.220"</u>	<u>Flathead</u>

If removable, bolts used (describe other fastenings) _____
(Mat'l., Spec. No., Gr., Size, No.)

9. MAWP 2100 psi at max. temp. 150° F. Min. design metal temp. 35° F at 2100 psi. Hydrostatic test pressure 3500 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Drain or Size	Type	Mat'l.	Nom. Thickness	Reinforcement Material	How Attached	Location
<u>Gas Port</u>	<u>1</u>	<u>0.75"</u>	<u>Opening</u>	<u>SA182-F304</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
<u>Water Port</u>	<u>1</u>	<u>0.97"</u>	<u>Opening</u>	<u>SA182-F304</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

11. Supports: Skirt No Lugs _____ Legs _____ Other Band Clamps Attached around approx. middle
(Yes or No) (No.) (No.) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:

N/A
(Name of part, item number, Mfr's. name and identifying stamp)

Complete mechanical assembly with no welded joints.
Although a Differential Pressure exists on each side of the Internal Piston, the Accumulator Cylinder is hydrostatically tested with the Piston removed.
Meets design, construction, and test requirements of 1977 edition, winter 1979 addenda.

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 10,572 expires June 10, 2002.

Date 09/13/99 Co. name GE-NE Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by GE-NE at Wilmington, North Carolina.
 I, the undersigned, holding a valid commission issued by the National Board and Pressure Vessel Inspectors and/or the State or Province of North Carolina and employed by Department of Labor have inspected the component described in this Manufacturer's Data Report on 9/10, 1999, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME, Section VIII, Division 1. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 9/13/99 Signed [Signature] Commissions NC 1231, Ohio, WC 3686 PA
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)

FORM N-2 MANUFACTURERS DATA REPORT FOR NUCLEAR PART AND APPURTENANCES*

As required by the Provisions of the ASME Code Rules

- 1. (a) Manufactured by Henry Vogt Machine Co., Louisville, KY
(Name and address of Manufacturer of part)
- (b) Manufactured for General Electric, San Jose, CA
(Name and address of Manufacturer of completed nuclear component)
- 2. Identification-Manufacturer's Serial No. of Part PN 11563A Nat'l Bd. No. _____
- (a) Constructed According to Drawing No. E40508, R16 Drawing Prepared by Henry Vogt Machine Co
- (b) Description of Part Inspected Replacement gates - Material Code WAY (SA479T410)
- (c) Applicable ASME Code: Section III, Edition 1971, Addenda date W'71, Case No. --- Class I
- 3. Remarks: Replacement parts
(Brief Description of service for which component was designed)

G.E. P.O. #45886

Order 217328 - 5 pieces

We certify that the statements made in this report are correct and this vessel part or appurtenance as defined in the Code conforms to the rules of construction of the ASME Code Section III. (The applicable Design Specification and Stress Report are not the responsibility of the part Manufacturer. An appurtenance Manufacturer is responsible for furnishing a separate Design Specification and Stress Report if the appurtenance is not included in the component Design Specification and Stress Report.)

Date 10/30 19 96 Signed Henry Vogt Mach. Co. by Barbara Bronger
(Manufacturer)
Certificate of Authorization Expires 1/6/99 Certificate of Authorization No. N-947

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at _____

Stress analysis report on file at _____

Design specifications certified by _____ Prof. Eng. State _____ Reg. No. _____

Stress analysis report certified by _____ Prof. Eng. State _____ Reg. No. _____

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Kentucky and employed by Commercial Union Ins. Co of Boston, MA have inspected the part of a pressure vessel described in this Manufacturer's Partial Data Report on October 14, 19 96 and state that to the best of my knowledge and belief, the Manufacturer has constructed this part in accordance with the ASME Code Section III.

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

Date Oct. 30 19 96

Patricia E. Spangley Commissions Kentucky #254
Inspector's Signature National Board, State, Province and No.

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8 1/2" x 11", (2) information in items 1-3 on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded in item 3, "Remarks".



OCT 31 1996

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only) As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by General Electric Company Nuclear Energy (GE-NE) 3901 Castle Hayne Road, Wilmington, North Carolina 28401
2. Manufactured for Susquehanna 1&2 Berwick, Pennsylvania 18603
3. Location of Installation not known
4. Type Vertical 8131 N/A 112D3405 G001 Rev 03 N/A 1999
5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1998 to 1998 N/A N/A
6. Shell: SA351 CF8 0.750" 0.005" 7.028" 3 ft. 2.38 inches
7. Seams: Seamless N/A
8. Heads: (a) Matl. SA182-F304 (b) Matl. SA182-F304

Table with 10 columns: Location (Top, Bottom, Ends), Minimum Thickness, Corrosion Allowance, Crown Radius, Knuckle Radius, Elliptical Ratio, Conical Apex Angle, Hemispherical Radius, Flat Diameter, Side to Pressure (Convex or Concave). Rows for (a) Top and (b) Bottom.

If removable, bolts used (describe other fastenings) (Matl., Spec. No., Gr., Size, No.)

9. MAWP 2100 psi at max. temp. 150° F. Min. design metal temp. 35° F at 2100 psi. Hydrostatic test pressure 3500 psi.

10. Nozzles, inspection and safety valve openings:

Table with 9 columns: Purpose (Inlet, Outlet, Drain), No., Drain or Size, Type, Matl., Nom. Thickness, Reinforcement Material, How Attached, Location. Rows for Gas Port and Water Port.

11. Supports: Skirt No Lugs (No.) Legs (No.) Other Band Clamps Attached around approx. middle (Where and how)

12. Remarks: Manufacturer's Partial Data reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:

N/A
Complete mechanical assembly with no welded joints.
Although a Differential Pressure exists on each side of the Internal Piston, the Accumulator Cylinder is hydrostatically tested with the Piston removed.
Meets design, construction, and test requirements of 1977 edition, winter 1979 addenda.

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 10.572 expires June 10, 2002

Date 09/13/99 Co. name GE-NE (Manufacturer) Signed [Signature] (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by GE-NE at Wilmington, North Carolina. I, the undersigned, holding a valid commission issued by the National Board and Pressure Vessel Inspectors and/or the State or Province of North Carolina and employed by Department of Labor have inspected the component described in this Manufacturer's Data Report on 9/13, 1999, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME, Section VIII, Division 1. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 9/13/99 Signed [Signature] (Authorized Inspector) Commissioned NC 1231, Ohio, WC 3686 PA (Natl Board [incl. endorsements], State, Prov. and No.)

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
 (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by General Electric Company Nuclear Energy (GE-NE)
3901 Castle Hayne Road, Wilmington, North Carolina 28401
(Name and address of manufacturer)
2. Manufactured for Susquehanna 1&2 Berwick, Pennsylvania 18603
(Name and address of purchaser)
3. Location of installation not known
(Name and address)
4. Type Vertical 8341 N/A 112D3405 G001 Rev 03 N/A 1999
(Honz. or vert. tank) (Mfg's serial No.) (CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)
5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1998 to 1998 N/A N/A
Year Addenda (Date) Code Case Nos. Special Service per UG-120(d)
6. Shell: SA351 CF8 0.750" 0.005" 7.028" 3 ft. 2.38 inches
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)
7. Seams: Seamless N/A
Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses
8. Heads: (a) Mat'l. SA182-F304 (b) Mat'l. SA182-F304
(Spec. No., Grade) (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	Top	2.485"	0.005"	-	-	-	-	-	7.220"	Flathead
(b)	Bottom	2.485"	0.005"	-	-	-	-	-	7.220"	Flathead

If removable, bolts used (describe other fastenings) _____
(Mat'l., Spec. No., Gr., Size, No.)

9. MAWP 2100 psi at max. temp. 150° F. Min. design metal temp. 35° F at 2100 psi. Hydrostatic test pressure 3500 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Drain or Size	Type	Mat'l.	Nom. Thickness	Reinforcement Material	How Attached	Location
Gas Port	1	0.75"	Opening	SA182-F304	N/A	N/A	N/A	N/A
Water Port	1	0.97"	Opening	SA182-F304	N/A	N/A	N/A	N/A

11. Supports: Sldst No Legs (No.) Legs (No.) Other Band Clamps Attached around approx. middle
(Yes or No) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:
N/A
(Name of part, item number, Mfg's. name and identifying stamp)

Complete mechanical assembly with no welded joints.
Although a Differential Pressure exists on each side of the Internal Piston, the Accumulator Cylinder is hydrostatically tested with the Piston removed.
Meets design, construction, and test requirements of 1977 edition, winter 1979 addenda.

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 10,572 expires June 10, 2002
 Date 09/13/99 Co. name GE-NE Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by GE-NE at Wilmington, North Carolina.
 I, the undersigned, holding a valid commission issued by the National Board and Pressure Vessel Inspectors and/or the State or Province of North Carolina and employed by Department of Labor have inspected the component described in this Manufacturer's Data Report on 9/13, 1999, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME, Section VIII, Division 1. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
 Date 9/13/99 Signed [Signature] Commissions NC 1231, Ohio, WC 3686 PA
(Authorized Inspector) [Nat'l Board (incl. endorsements), State, Prov. and No.]

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
 (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by General Electric Company Nuclear Energy (GE-NE)
3901 Castle Hayne Road, Wilmington, North Carolina 28401
(Name and address of manufacturer)
2. Manufactured for Susquehanna 1&2 Berwick, Pennsylvania 18603
(Name and address of purchaser)
3. Location of installation not known
(Name and address)
4. Type Vertical 8118 N/A 112D3405 G001 Rev 03 N/A 1998
(Horiz. or vert. tank) (Mfg's serial No.) (CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)
5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1998 to 1998
Year Addenda (Date) Code Case Nos. Special Service per UG-120(d)
6. Shell: SA351 CFB 0.750" 0.005" 7.028" 3 ft. 2.38 inches
MAT. (Spec. No., Grade) Nom. Thk. (in.) Cor. Allow. (in.) Diam. ID. (ft. & in.) Length (overall) (ft. & in.)
7. Seams: Seamless N/A
Long. (Welded, Dbl., Sing., Lap, Butt) RT. (Spot or Full) ER. (%) RT. Temp. (F) Time (hr) Birth (Welded, Dbl., Sing., Lap, Butt) RT. (Spot, Partial, or Full) No. of Courses
8. Head: (a) Mat. SA182-F304 (b) Mat. SA182-F304
(Spec. No. Grade) (Spec. No. Grade)

Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuclide Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) <u>Top</u>	<u>2.485"</u>	<u>0.005"</u>	-	-	-	-	-	<u>7.220"</u>	<u>Flathead</u>
(b) <u>Bottom</u>	<u>2.485"</u>	<u>0.005"</u>	-	-	-	-	-	<u>7.220"</u>	<u>Flathead</u>

If removable, bolts used (describe other fastenings) _____
(Mat'l., Spec. No., Gr., Size, No.)

9. MAWP 2100 psi at max. temp. 150° F. Min. design metal temp. 35° F at 2100 psi. Hydraulic test pressure 3500 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Drain or Size	Type	Mat'l.	Nom. Thickness	Reinforcement Material	How Attached	Location
<u>Gas Port</u>	<u>1</u>	<u>0.75"</u>	<u>Opening</u>	<u>SA182-F304</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
<u>Water Port</u>	<u>1</u>	<u>0.97"</u>	<u>Opening</u>	<u>SA182-F304</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

11. Supports: Bolt No Lugs (No.) Lugs (No.) Other Band Clamps Attached around approx. middle
(Yes or No) (Describe) (Where and how)
12. Remarks: Manufacturer's Partial Data reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:
N/A
(Name of part, item number, Mfg's name and identifying stamp)

Complete mechanical assembly with no welded joints.
Although a Differential Pressure exists on each side of the internal Piston, the Accumulator Cylinder is hydrostatically tested with the Piston removed.
Meets design, construction, and test requirements of 1977 edition, winter 1979 addenda.

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "V" Certificate of Authorization No. 10,572 expires June 10, 1999.

Date 01/22/99 Co. name GE-NE Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by GE-NE at Wilmington, North Carolina.

I, the undersigned, holding a valid commission issued by the National Board and Pressure Vessel Inspectors and/or the State or Province of North Carolina and employed by Department of Labor have inspected the component described in this Manufacturer's Data Report on 1/25, 1998, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME, Section VIII, Division 1. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 1/22/99 Signed [Signature] Commissions NC 1231, Ohio, WC 3686 PA
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)

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

1. Owner PPL Susquehanna, LLC
Name

Date 06/11/2001

Two North Ninth St., Allentown, PA 18101
Address

Sheet 1 of 3

2. Plant Susquehanna Steam Electric Station
Name

Unit TWO

PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System CONTAINMENT PRESSURE VESSEL, 259A, CLASS MC.

5. (a) Applicable Construction Code ASME Sec III 19 71 Edition, Thru S'72 Addenda, SEE SEC 9 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 '92 ADD OF IWE

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)
1) CONTAINMENT HEAD (GASKET)	CB&I	N/A	N/A	X-003	1999	REPLACED	NO
2) CONTAINMENT HEAD (GASKET)	PP&L	N/A	N/A	X-003	2001	REPLACEMENT	NO
3) SUPP. POOL B HATCH (GASKET)	CB&I	N/A	N/A	X-200B	1999	REPLACED	NO
4) SUPP. POOL B HATCH (GASKET)	PP&L	N/A	N/A	X-200B	2001	REPLACEMENT	NO
5) SUPP. POOL A HATCH (GASKET)	CB&I	N/A	N/A	X-200A	1999	REPLACED	NO
6) SUPP. POOL A HATCH (GASKET)	PP&L	N/A	N/A	X-200A	2001	REPLACEMENT	NO
7) EQUIPMENT HATCH (GASKET)	CB&I	N/A	N/A	X-001	1999	REPLACED	NO

7. Description of Work SEE ATTACHED LIST.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure (SEE PAGE 3)
 Other Pressure _____ psi Test _____ °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 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 ALL PENETRATIONS AND HATCHES ORIGINAL DESIGN PER ASME III NE 1971 WITH

Applicable Manufacturer's Data Reports to be attached

SUMMER '72 ADD. CODE CASES 1493,1522,1563,1567,1571.

REPLACEMENT GASKETS ARE NON-CODE.

CERTIFICATION 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 [Signature] Date June 22, 2001
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period JAN 22, 2000 to APRIL 9, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 22 2001

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

1. Owner PPL Susquehanna, LLC Date 06/11/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 3
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CONTAINMENT PRESSURE VESSEL, 259A, CLASS MC
5. (a) Applicable Construction Code ASME Sec III 19 71 Edition, Thru S'72 Addenda, SEE SEC 9 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 '92 ADD OF IWE
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)
8) EQUIPMENT HATCH (GASKET)	PP&L	N/A	N/A	X-001	2001	REPLACEMENT	NO
9) CRD HATCH (GASKET)	CB&I	N/A	N/A	X-006	1999	REPLACED	NO
10) CRD HATCH (GASKET)	PP&L	N/A	N/A	X-006	2001	REPLACEMENT	NO

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

1. Owner PPL Susquehanna, LLC Date 06/11/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 3
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System CONTAINMENT PRESSURE VESSEL, 259A, CLASS MC.

5. (a) Applicable Construction Code ASME Sec III 19 71 Edition, Thru S'72 Addenda, SEE SEC 9 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 '92 ADD OF IWE

6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK AUTHORIZATION	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-2	219921	X003, REMOVE AND REINSTALL CONTAINMENT HEAD USING NEW GASKET.	VT-3 PER ASME XI, 92 ED. '92 ADD. LLRT PER SE-259-004 temp : ambient / press 45 psig
3-4	230171	X200B, REMOVE AND REINSTALL SUPPRESSION POOL "B" HATCH USING NEW GASKET.	VT-3 PER ASME XI, 92 ED. '92 ADD. LLRT PER SE-259-016 temp : ambient / press 45 psig
5-6	230169	X200A, REMOVE AND REINSTALL SUPPRESSION POOL "A" HATCH USING NEW GASKET.	VT-3 PER ASME XI, 92 ED. '92 ADD. LLRT PER SE-259-015 temp : ambient / press 45 psig
7-8	230675	X001, REMOVE AND REINSTALL EQUIPMENT HATCH USING NEW GASKET.	VT-3 PER ASME XI, 92 ED. '92 ADD. LLRT PER SE-259-001 temp : ambient / press 45 psig
9-10	230167	X006, REMOVE AND REINSTALL CRD HATCH USING NEW GASKET.	VT-3 PER ASME XI, 92 ED. '92 ADD. LLRT PER SE-259-005 temp : ambient / press 45 psig

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

1. Owner PPL Susquehanna, LLC Date 06/26/2001
Name

Two North Ninth St., Allentown, PA 18101 Sheet 1 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name

PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None

Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address

Expiration Date N/A

4. Identification of System REACTOR WATER CLEAN-UP SYSTEM 261A, CLASS III

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)

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)
1) VALVE (BALL)	BNL	A960201-1-4 (valve)	N/A	245029B	1996	REPLACED	YES
2) VALVE (BALL)	BNL	A961204-1-1 (donor valve)	N/A	245029B	1997	REPLACEMENT	YES
3) VALVE (BODY)	BNL	A960201-1-4 (valve)	N/A	245029B	1996	REPLACED	YES
4) VALVE (BODY)	BNL	A961204-1-1 (donor valve)	N/A	245029B	1997	REPLACEMENT	YES
5) VALVE (BODY BOLTING)	BNL	A960201-1-4 (valve)	N/A	245029B	1996	REPLACED	YES
6) VALVE (BODY BOLTING)	BNL	A961204-1-1 (donor valve)	N/A	245F029B	1997	REPLACEMENT	YES
7) VALVE (PLUG)	VALTEK	6537-1-1 (valve)	N/A	245060B	N/A	REPLACED	YES

7. Description of Work SEE ATTACHED LISTING

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure SEE ATTACHED LIST.
 Other Pressure _____ psi Test _____ °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 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 CODE DATA REPORTS ATTACHED. CODE OF CONSTRUCTION: Valtek Original & parts,
Applicable Manufacturer's Data Reports to be attached
1968 Draft Pump & Valve Code. Hills McCanna 1968 Draft Pump & Valve Code.
BNL Industries, Items 1- 6, 1974 Edition No Addenda, Items 10 & 12 1968 Draft Pump & Valve Code.
Item # 7, Incorrectly reported as Hills McCanna during original N-5 Submittal, Corrected this submittal.

CERTIFICATION 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 N/A

Signed [Signature] Date 6/26/01, 20 01
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period Nov. 17 1999 to JAN 20 2000, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements
Date JUNE 26 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/26/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System REACTOR WATER CLEAN-UP SYSTEM 261A, CLASS III

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)

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)
8) VALVE (PLUG)	VALTEK	Ht # MRQ	N/A	245060B	1992	REPLACEMENT	NO
9) VALVE	HILLS McCANNA	99-773	N/A	245042A	N/A	REPLACED	NO
10) VALVE	BNL	B970804-4-22	N/A	245042A	N/A	REPLACEMENT	NO
11) VALVE	HILLS McCANNA	105-773	N/A	245043A	N/A	REPLACED	NO
12) VALVE	BNL	B970804-4-20	N/A	245043A	N/A	REPLACEMENT	NO
13) SMALL PIPE SUBASSEMBLY	BECHTEL	N/A	N/A	SPEBC203-12	1983	REPLACED	YES
14) SMALL PIPE SUBASSEMBLY	PPL	N/A	N/A	SPEBC203-12	2001	REPLACEMENT	NO
15) VALVE (BONNET PLUG)	VALTEK	6607-5-1 (valve)	N/A	FV-24566B	N/A	REPLACED	NO
16) VALVE (BONNET PLUG)	PPL	N/A	N/A	FV-24566B	2000	REPLACEMENT	NO

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

1. Owner PPL Susquehanna, LLC Date 06/26/2001
Name

Two North Ninth St., Allentown, PA 18101 Sheet 3 of 3
Address Add

2. Plant Susquehanna Steam Electric Station Unit TWO
Name

PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Addre Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name

Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address

Expiration Date N/A

4. Identification of System REACTOR WATER CLEAN-UP SYSTEM 261A, CLASS III

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE SECTION 9)

6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-6	208604	245029A, REPLACED VALVE BALL, BODY & BOLTING, TAKEN FROM DONOR VALVE.	NON VT-2 PER MI-PS-008
7-8	222548	245060B, REPLACED VALVE PLUG	NON VT-2 PER MI-PS-008
9-14	223362	245042A, 245043A & SPEBC203-12; REPLACED VALVES AND ASSOCIATED PIPE BETWEEN VALVES BY WELDING	NON VT-2 PER MI-PS-008
15-16	223342	FV-24566B, REPLACED VALVE BONNET LEAK OFF PLUG.	NON VT-2 PER MI-PS-008

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code, Section III, Division 1

Pg. 1 of 2

1. Manufactured and certified by BNL INDUSTRIES, INC., 30 INDUSTRIAL PARK ROAD, VERNON, CT, 06066
(name and address of N Certificate Holder)
2. Manufactured for PENNSYLVANIA POWER & LIGHT CO, TWO NORTH NINTH ST, ALLENTOWN, PA 18101
(name and address of Purchaser)
3. Location of installation SUSQUEHANNA, 5 MI NE OF BERWICK, PA, 18603
4. Model No., Series No., or Type VALVE Drawing HBV-A2-04-0062 Rev. B CRN _____
5. ASME Code, Section III, Division 1: 1974 / - 3 /
(edition) (addenda date) (class) (Code Case no.)
6. Pump or valve VALVE Nominal inlet size 1/2" Outlet size 1/2"
(in.) (in.)
7. Material: Body SA-105 / Bonnet SA-105 / Disk SA-479 Ty316 / Bolting SA-193 GrB7/SA-194 Gr2H
(in.) (in.)

(a) Cert. Holder's Serial No.	(b) Nat'l Board No.	(c) Body Serial No.	(d) Bonnet Serial No.	(e) Disk Serial No.
<u>A961204-1-1 /</u>		<u>K23-1 /</u>	<u>K23-2 /</u>	<u>K72 /</u>

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM NPV-1 (Back - Pg. 2 of 2)

A961204-1-1

Certificate Holder's Serial No. _____

ANSI 600#

8. Design conditions _____ psi _____ °F or valve pressure class _____ (1)

9. Cold working pressure 1405PSIG @ 150F psi at 100°F

10. Hydrostatic test 2225 psi. Disk differential test pressure 1630 psi

11. Remarks: _____

CERTIFICATION OF DESIGN

Design Specification certified by J.G. SHELLENBERGER P.E. State PA Reg. no. 19551-E
Design Report certified by _____ P.E. State _____ Reg. no. _____

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1. N-2882 11/10/98

N Certificate of Authorization No. _____ Expires _____
Date 04/11/97 Name BNL INDUSTRIES, INC. Signed [Signature]
(N Certificate Holder) (authorized representative)

CERTIFICATE OF 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 CONNECTICUT and employed by COMMERCIAL UNION INS. of BOSTON, MASS have inspected the pump, or valve, described in this Data Report on 04/11/97, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 04/11/97 Signed [Signature] Commissions CT 1343
(Authorized Inspector) [Net'l. Bd. incl. endorsements and state or prov. and no.]

(1) For manually operated valves only.

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

1. Owner PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 6/7/2001
 Sheet 1 of 2 *etc 6/29/01*

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

Unit Two
PCWO 191040, 191046, 189729, 193980, 189033
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol Stamp None
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System 261B - Reactor Water Cleanup; Class 3

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 Ed

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)
Pump	Haywood Tyler	U12H91824	NA	Spare	1992	Replaced	No
Pump Proximity Probe	Haywood Tyler	U12H91824	NA	Spare	1999	Replacement	No
Pump Probe Plug	PPL	U12H91824	NA	Spare	1999	Replacement	No
Pump	Haywood Tyler	U12H91823	NA	2P221 B	1992	Replaced	No
Pump	Haywood Tyler	U12H91824	NA	2P221 B	1992	Replacement	No
Pump	Haywood Tyler	U12H91822	NA	2P221 A	1992	Replaced	No
Pump	Haywood Tyler	U12H91820	NA	2P221 A	1992	Replaced	No

7. Description of Work Pump proximity probe replacement, Replace Pumps for maintenance, Machine Valve guide

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure * psi Test Temp. * °F * See Remarks

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 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 Haywood Tyler pump construction code is Draft version date 11/68 of ASME Code
Applicable Manufacturer's Data Reports to be attached

Anchor Darling Valve construction code includes Code Cases 1516-1 and 1634.

Testing: 2P221B: TP-000-001, VT-2 at 1210 psi @ 525°F; 2P221A: SE-000-017, VT-2 at 1280 @ 525°F

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date June 22, 20 01
Owner or Owner's Designer, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period JULY 28, 2000 to APRIL 23, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NR 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 22 20 01

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

1. Owner PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 6/7/2001

Sheet 2 of 2

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

Unit Two

See Page 1
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol Stamp None

Authorization No. N/A

Expiration Date N/A

4. Identification of System 261B - Reactor Water Cleanup; Class 3

5. (a) Applicable Construction Code III 19 71 Edition, thru W'72 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 Ed

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	Anchor Darling	E-T044-3-8	NA	244F005B	1992	Repaired	Yes

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

1. Owner PPL Susquehanna, LLC.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 6/22/2001
 Sheet 1 of 27

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

Unit TWO
SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC.
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System REACTOR VESSEL AND AUX. SYSTEM, 262A, CLASS 1.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 * (* SEE PAGE 27)

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)
1) MAIN STM ISOL VALVE (BOLTING)	ATWOOD & MORRILL	16-221	N/A	HV241F022D	1974	REPLACED	YES
2) MAIN STM ISOL VALVE (BOLTING)	PPL	N/A	N/A	HV241F022D	2001	REPLACEMENT	NO
3) RX HEAD VENT VALVE	YARWAY	A9083	N/A	HV241F001	1979	REPLACED	YES
4) RX HEAD VENT VALVE	ANCHOR DARLING	E949A-1-3	N/A	HV241F001	2000	REPLACEMENT	YES
5) RX HEAD VENT VALVE	YARWAY	A9071	N/A	HV241F002	1979	REPLACED	YES
6) RX HEAD VENT VALVE	ANCHOR DARLING	E949A-1-4	N/A	HV241F002	2000	REPLACEMENT	YES
7) RX HEAD VENT VALVE	YARWAY	A1066	N/A	HV241F005	1977	REPLACED	YES

7. Description of Work SEE ATTACHED LIST.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure (SEE PAGE 23 - 26)
 Other Pressure _____ psi Test _____ °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 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 CODE DATA REPORTS ARE ATTACHED.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date June 22, 20 01
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period DEC. 27 2000 to APRIL 23, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525-1BNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 26 20 01

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

1. Owner PP&L Inc. Date 6/22/2001
Name
Two North Ninth St., Allentown, PA 18101
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PP&L Inc. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System REACTOR VESSEL AND AUX SYSTEM, 262A, CLASS I.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 * (* SEE PAGE 27)
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)
8)RX HEAD VENT VALVE	ANCHOR DARLING	E949A-1-2	N/A	HV241F005	2000	REPLACEMENT	YES
9) SMALL PIPE SUBASSEMBLY	BECHTEL	N/A	N/A	SPDBA212-3	1983	REPLACED	YES
10)SMALL PIPE SUBASSEMBLY	PPL	N/A	N/A	SPDBA212-3	2001	REPLACEMENT	NO
11) SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA212-H2655	1983	REPLACED	NO
12)SMALL PIPE SUPPORT	PPL	N/A	N/A	SPDBA212-H2655	2001	REPLACEMENT	NO
13) SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA212-H2656	1983	REPLACED	NO
14)SMALL PIPE SUPPORT	PPL	N/A	N/A	SPDBA212-H2656	2001	REPLACEMENT	NO
15)MAIN STM RELIEF VALVE	CROSBY	N63790-00-0085 (VALVE)	N/A	PSV-241F013A	1981	REPAIRED	YES
16)MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N63790-00-0085 (VALVE)	N/A	PSV-241F013A	1981	REPLACED	YES
17)MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N97499-35-0034	N/A	PSV-241F013A	2000	REPLACEMENT	YES
18)MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	N63790-00-0085 (VALVE)	N/A	PSV-241F013A	1981	REPLACED	YES

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

1. Owner PP&L Inc. Date 6/22/2001
Name
Two North Ninth St., Allentown, PA 18101
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PP&L Inc. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
Address Authorization No. N/A
Expiration Date N/A
4. Identification of System REACTOR VESSEL AND AUX SYSTEM, 262A, CLASS I.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 * (* SEE PAGE 27)
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)
19) MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	K82137-53-0075	N/A	PSV-241F013A	2000	REPLACEMENT	YES
20) MAIN STM RELIEF VALVE (NOZZLE)	CROSBY	N63790-00-0085 (VALVE)	N/A	PSV-241F013A	1981	REPLACED	YES
21) MAIN STM RELIEF VALVE (NOZZLE)	CROSBY	N93184-40-0094	N/A	PSV-241F013A	1988	REPLACEMENT	NO
22) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0113	N/A	PSV-241F013A	1981	REPLACED	YES
23) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0085	N/A	PSV-241F013A	1981	REPLACEMENT	YES
24) MAIN STM RELIEF VALVE (BOLTING)	CROSBY	N63790-00-0085 (VALVE)	N/A	PSV-241F013A	1981	REPLACED	YES
25) MAIN STM RELIEF VALVE (BOLTING)	PPL	N/A	N/A	PSV-241F013A	2001	REPLACEMENT	NO
26) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0030 (VALVE)	N/A	PSV-241F013C	1980	REPAIRED	YES
27) MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N63790-00-0030 (VALVE)	N/A	PSV-241F013C	1980	REPLACED	YES
28) MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N97499-36-0042	N/A	PSV-241F013C	2000	REPLACEMENT	YES

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

1. Owner PP&L Inc. Date 6/22/2001
Name
Two North Ninth St., Allentown, PA 18101
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PP&L Inc. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System REACTOR VESSEL AND AUX SYSTEM, 262A, CLASS I.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 * (* SEE PAGE 27)
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)
29) MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	N63790-00-0030 (VALVE)	N/A	PSV-241F013C	1980	REPLACED	YES
30) MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	K82137-54-0084	N/A	PSV-241F013C	2000	REPLACEMENT	YES
31) MAIN STM RELIEF VALVE (BELLOWS ASSM)	CROSBY	N63790-00-0030 (VALVE)	N/A	PSV-241F013C	1980	REPLACED	YES
32) MAIN STM RELIEF VALVE (BELLOWS ASSM)	CROSBY	K55484-49-0266	N/A	PSV-241F013C	1992	REPLACEMENT	YES
33) MAIN STM RELIEF VALVE (BOLTING)	CROSBY	N63790-00-0030 (VALVE)	N/A	PSV-241F013C	1980	REPLACED	YES
34) MAIN STM RELIEF VALVE (BOLTING)	PPL	N/A	N/A	PSV-241F013C	1998	REPLACEMENT	NO
35) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0087	N/A	PSV-241F013C	1980	REPLACED	YES
36) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0030	N/A	PSV-241F013C	1980	REPLACEMENT	YES
37) MAIN STM RELIEF VALVE (BOLTING)	CROSBY	N63790-00-0030 (VALVE)	N/A	PSV-241F013C	1980	REPLACED	YES
38) MAIN STM RELIEF VALVE (BOLTING)	PPL	N/A	N/A	PSV-241F013C	2001	REPLACEMENT	NO

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

1. Owner PP&L Inc. Date 6/22/2001
Name
Two North Ninth St., Allentown, PA 18101
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PP&L Inc. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
Address Authorization No. N/A
Expiration Date N/A
4. Identification of System REACTOR VESSEL AND AUX SYSTEM, 262A, CLASS I.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 * (* SEE PAGE 27)
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)
39) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0132 (VALVE)	N/A	PSV-241F013E	1982	REPAIRED	YES
40) MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N63790-00-0132 (VALVE)	N/A	PSV-241F013E	1982	REPLACED	YES
41) MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N97499-36-0041	N/A	PSV-241F013E	2000	REPLACEMENT	YES
42) MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	N63790-00-0132 (VALVE)	N/A	PSV-241F013E	1982	REPLACED	YES
43) MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	K82137-54-0080	N/A	PSV-241F013E	2000	REPLACEMENT	YES
44) MAIN STM RELIEF VALVE (NOZZLE)	CROSBY	N63790-00-0132 (VALVE)	N/A	PSV-241F013E	1982	REPLACED	YES
45) MAIN STM RELIEF VALVE (NOZZLE)	CROSBY	N93184-57-0177	N/A	PSV-241F013E	1988	REPLACEMENT	YES
46) MAIN STM RELIEF VALVE (BOLTING)	CROSBY	N63790-00-0132 (VALVE)	N/A	PSV-241F013E	1982	REPLACED	YES
47) MAIN STM RELIEF VALVE (BOLTING)	PPL	N/A	N/A	PSV-241F013E	2001	REPLACEMENT	NO
48) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0021	N/A	PSV-241F013E	1980	REPLACED	YES

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

1. Owner PP&L Inc. Date 6/22/2001
Name
Two North Ninth St., Allentown, PA 18101
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PP&L Inc. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
Address Authorization No. N/A
Expiration Date N/A
4. Identification of System REACTOR VESSEL AND AUX SYSTEM, 262A, CLASS I.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 * (* SEE PAGE 27)
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)
49) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0132	N/A	PSV-241F013E	1982	REPLACEMENT	YES
50) MAIN STM RELIEF VALVE (BOLTING)	CROSBY	N63790-00-0132(VALVE)	N/A	PSV-241F013E	1982	REPLACED	YES
51) MAIN STM RELIEF VALVE (BOLTING)	PPL	N/A	N/A	PSV-241F013E	2001	REPLACEMENT	NO
52) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0093 (VALVE)	N/A	PSV-241F013G	1981	REPAIRED	YES
53) MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N63790-00-0093 (VALVE)	N/A	PSV-241F013G	1981	REPLACED	YES
54) MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N97499-36-0037	N/A	PSV-241F013G	2000	REPLACEMENT	YES
55) MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	N63790-00-0093 (VALVE)	N/A	PSV-241F013G	1981	REPLACED	YES
56) MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	K82137-54-0082	N/A	PSV-241F013G	2000	REPLACEMENT	YES
57) MAIN STM RELIEF VALVE (NOZZLE)	CROSBY	N63790-00-0093 (VALVE)	N/A	PSV-241F013G	1981	REPLACED	YES
58) MAIN STM RELIEF VALVE (NOZZLE)	CROSBY	N93184-40-0095	N/A	PSV-241F013G	1988	REPLACEMENT	NO

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

1. Owner PP&L Inc. Date 6/22/2001
Name
- Two North Ninth St., Allentown, PA 18101 Sheet 7 of 27
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
- PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PP&L Inc. Type Code Symbol None
Name
- Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address
- Expiration Date N/A
4. Identification of System REACTOR VESSEL AND AUX SYSTEM, 262A, CLASS I.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A * Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 * (* SEE PAGE 27)
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)
59) MAIN STM RELIEF VALVE (BOLTING)	CROSBY	N63790-00-0093 (VALVE)	N/A	PSV-241F013G	1981	REPLACED	YES
60) MAIN STM RELIEF VALVE (BOLTING)	PPL	N/A	N/A	PSV-241F013G	2001	REPLACEMENT	NO
61) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0131	N/A	PSV-241F013G	1982	REPLACED	YES
62) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0093	N/A	PSV-241F013G	1981	REPLACEMENT	YES
63) MAIN STM RELIEF VALVE (BOLTING)	CROSBY	N63790-00-0093 (VALVE)	N/A	PSV-241F013G	1981	REPLACED	YES
64) MAIN STM RELIEF VALVE (BOLTING)	PPL	N/A	N/A	PSV-241F013G	2001	REPLACEMENT	NO
65) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0034 (VALVE)	N/A	PSV-241F013J	1980	REPAIRED	YES
66) MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N63790-00-0034 (VALVE)	N/A	PSV-241F013J	1980	REPLACED	YES
67) MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N97499-36-0043	N/A	PSV-241F013J	2000	REPLACEMENT	YES
68) MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	N63790-00-0034 (VALVE)	N/A	PSV-241F013J	1980	REPLACED	YES

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

1. Owner PP&L Inc. Date 6/22/2001
Name
Two North Ninth St., Allentown, PA 18101
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PP&L Inc. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
Address Authorization No. N/A
Expiration Date N/A
4. Identification of System REACTOR VESSEL AND AUX SYSTEM, 262A, CLASS I.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 * (* SEE PAGE 27)
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)
69) MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	K82137-54-0079	N/A	PSV-241F013J	2000	REPLACEMENT	YES
70) MAIN STM RELIEF VALVE (BELLOWS ASSM)	CROSBY	N63790-00-0034 (VALVE)	N/A	PSV-241F013J	1980	REPLACED	YES
71) MAIN STM RELIEF VALVE (BELLOWS ASSM)	CROSBY	K55484-49-0267	N/A	PSV-241F013J	1992	REPLACEMENT	YES
72) MAIN STM RELIEF VALVE (BOLTING)	CROSBY	N63790-00-0034 (VALVE)	N/A	PSV-241F013J	1980	REPLACED	YES
73) MAIN STM RELIEF VALVE (BOLTING)	PPL	N/A	N/A	PSV-241F013J	2001	REPLACEMENT	NO
74) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0028	N/A	PSV-241F013J	1980	REPLACED	YES
75) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0034	N/A	PSV-241F013J	1980	REPLACEMENT	YES
76) MAIN STM RELIEF VALVE (BOLTING)	CROSBY	N63790-00-0034 (VALVE)	N/A	PSV-241F013J	1980	REPLACED	YES
77) MAIN STM RELIEF VALVE (BOLTING)	PPL	N/A	N/A	PSV-241F013J	2001	REPLACEMENT	NO
78) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0096 (VALVE)	N/A	PSV-241F013M	1981	REPAIRED	YES

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

1. Owner PP&L Inc. Date 6/22/2001
Name
Two North Ninth St., Allentown, PA 18101
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PP&L Inc. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
Address Authorization No. N/A
Expiration Date N/A
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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)
79) MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N63790-00-0096 (VALVE)	N/A	PSV-241F013M	1981	REPLACED	YES
80) MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N97499-36-0036	N/A	PSV-241F013M	2000	REPLACEMENT	YES
81) MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	N63790-00-0096 (VALVE)	N/A	PSV-241F013M	1981	REPLACED	YES
82) MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	K82137-53-0078	N/A	PSV-241F013M	2000	REPLACEMENT	YES
83) MAIN STM RELIEF VALVE (NOZZLE)	CROSBY	N63790-00-0096 (VALVE)	N/A	PSV-241F013M	1981	REPLACED	YES
84) MAIN STM RELIEF VALVE (NOZZLE)	CROSBY	N93184-40-0093	N/A	PSV-241F013M	1992	REPLACEMENT	NO
85) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0081	N/A	PSV-241F013M	1982	REPLACED	YES
86) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0096	N/A	PSV-241F013M	1981	REPLACEMENT	YES
87) MAIN STM RELIEF VALVE (BOLTING)	CROSBY	N63790-00-0096 (VALVE)	N/A	PSV-241F013M	1981	REPLACED	YES
88) MAIN STM RELIEF VALVE (BOLTING)	PPL	N/A	N/A	PSV-241F013M	2001	REPLACEMENT	NO

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89) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0095 (VALVE)	N/A	PSV-241F013P	1981	REPAIRED	YES
90) MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N63790-00-0095 (VALVE)	N/A	PSV-241F013P	1981	REPLACED	YES
91) MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N97499-35-0035	N/A	PSV-241F013P	2000	REPLACEMENT	YES
92) MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	N63790-00-0095 (VALVE)	N/A	PSV-241F013P	1981	REPLACED	YES
93) MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	K82137-54-0081	N/A	PSV-241F013P	2000	REPLACEMENT	YES
94) MAIN STM RELIEF VALVE (BOLTING)	CROSBY	N63790-00-0095 (VALVE)	N/A	PSV-241F013P	1981	REPLACED	YES
95) MAIN STM RELIEF VALVE (BOLTING)	PPL	N/A	N/A	PSV-241F013P	2001	REPLACEMENT	NO
96) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0089	N/A	PSV-241F013P	1981	REPLACED	YES
97) MAIN STM RELIEF VALVE	CROSBY	N63790-00-0095	N/A	PSV-241F013P	1981	REPLACEMENT	YES
98) MAIN STM RELIEF VALVE (BOLTING)	CROSBY	N63790-00-0095 (VALVE)	N/A	PSV-241F013P	1981	REPLACED	YES

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99)MAIN STM RELIEF VALVE (BOLTING)	PPL	N/A	N/A	PSV-241F013P	2001	REPLACEMENT	NO
100)MAIN STM RELIEF VALVE	CROSBY	N63790-00-0129 (VALVE)	N/A	PSV-241F013S	1982	REPAIRED	YES
101)MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N63790-00-0129 (VALVE)	N/A	PSV-241F013S	1982	REPLACED	YES
102)MAIN STM RELIEF VALVE (DISC INSERT)	CROSBY	N97499-36-0040	N/A	PSV-241F013S	2000	REPLACEMENT	YES
103)MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	N63790-00-0129 (VALVE)	N/A	PSV-241F013S	1982	REPLACED	YES
104)MAIN STM RELIEF VALVE (SPINDLE)	CROSBY	K82137-54-0083	N/A	PSV-241F013S	2000	REPLACEMENT	YES
105)MAIN STM RELIEF VALVE (ADJUST BOLT)	CROSBY	N63790-00-0129 (VALVE)	N/A	PSV-241F013S	1982	REPLACED	YES
106)MAIN STM RELIEF VALVE (ADJUST BOLT)	CROSBY	K76731-32-0005	N/A	PSV-241F013S	1992	REPLACEMENT	YES
107)MAIN STM RELIEF VALVE (BOLTING)	CROSBY	N63790-00-0129 (VALVE)	N/A	PSV-241F013S	1982	REPLACED	YES
108)MAIN STM RELIEF VALVE (BOLTING)	PPL	N/A	N/A	PSV-241F013S	2001	REPLACEMENT	NO

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Two North Ninth St., Allentown, PA 18101
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Date 6/22/2001
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2. Plant Susquehanna Steam Electric Station
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PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
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Unit TWO
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109)MAIN STM RELIEF VALVE	CROSBY	N63790-00-0088	N/A	PSV-241F013S	1981	REPLACED	YES
110)MAIN STM RELIEF VALVE	CROSBY	N63790-00-0129	N/A	PSV-241F013S	1982	REPLACEMENT	YES
111)MAIN STM ISOL VALVE STEM	ATWOOD MORRILL	15-221 (VALVE)	N/A	HV-241F022C	1974	REPLACED	YES
112)MAIN STM ISOL VALVE STEM	ATWOOD MORRILL	HT#N0787-60 (SN 10)	N/A	HV-241F022C	2001	REPLACEMENT	NO
113)CONTROL ROD	GE	A3483	N/A	30-39 (Core Loc.)	1981	REPLACED	YES
114)CONTROL ROD	GE	A4574	N/A	30-39 (Core Loc.)	1981	REPLACEMENT	YES
115)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	30-39 (Core Loc.)	1981	REPLACED	NO
116)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	30-39 (Core Loc.)	2000	REPLACEMENT	NO
117)CONTROL ROD	GE	A5222	N/A	38-07 (Core Loc.)	1981	REPLACED	YES
118)CONTROL ROD	GE	8282	N/A	38-07 (Core Loc.)	1978	REPLACEMENT	YES
119)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	38-07 (Core Loc.)	1981	REPLACED	NO

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As Required by the Provisions of the ASME Code Section XI

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Name
- Two North Ninth St., Allentown, PA 18101 Sheet 13 of 27
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- PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
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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)
120)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	38-07 (Core Loc.)	2000	REPLACEMENT	NO
121)CONTROL ROD	GE	A4650	N/A	38-55 (Core Loc.)	1981	REPLACED	YES
122)CONTROL ROD	GE	A2191	N/A	38-55 (Core Loc.)	1983	REPLACEMENT	YES
123)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	38-55 (Core Loc.)	1981	REPLACED	NO
124)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	38-55 (Core Loc.)	2000	REPLACEMENT	NO
125)CONTROL ROD	GE	A4433	N/A	22-43 (Core Loc.)	1981	REPLACED	YES
126)CONTROL ROD	GE	8961	N/A	22-43 (Core Loc.)	1981	REPLACEMENT	YES
127)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	22-43 (Core Loc.)	1981	REPLACED	NO
128)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	22-43 (Core Loc.)	2000	REPLACEMENT	NO
129)CONTROL ROD	GE	A5479	N/A	26-23 (Core Loc.)	1981	REPLACED	YES
130)CONTROL ROD	GE	9525	N/A	26-23 (Core Loc.)	1984	REPLACEMENT	YES

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
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Name
Two North Ninth St., Allentown, PA 18101 Sheet 14 of 27
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
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Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
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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)
131) CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	26-23 (Core Loc.)	1981	REPLACED	NO
132) CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	26-23 (Core Loc.)	2000	REPLACEMENT	NO
133) CONTROL ROD	GE	9407	N/A	54-15 (Core Loc.)	1978	REPLACED	YES
134) CONTROL ROD	GE	A4725	N/A	54-15 (Core Loc.)	1981	REPLACEMENT	YES
135) CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	54-15 (Core Loc.)	1981	REPLACED	NO
136) CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	54-15 (Core Loc.)	2000	REPLACEMENT	NO
137) CONTROL ROD	GE	4104	N/A	18-11 (Core Loc.)	1981	REPLACED	YES
138) CONTROL ROD	GE	A3579	N/A	18-11 (Core Loc.)	1981	REPLACEMENT	YES
139) CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	18-11 (Core Loc.)	1981	REPLACED	NO
140) CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	18-11 (Core Loc.)	2000	REPLACEMENT	NO
141) CONTROL ROD	GE	A5654	N/A	10-43 (Core Loc.)	1981	REPLACED	YES

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
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Name
Two North Ninth St., Allentown, PA 18101
Address

Date 6/22/2001

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2. Plant Susquehanna Steam Electric Station
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

Unit TWO

SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.

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Name
Two North Ninth St., Allentown, PA 18101
Address

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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)
142)CONTROL ROD	GE	A4527	N/A	10-43 (Core Loc.)	1981	REPLACEMENT	YES
143)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	10-43 (Core Loc.)	1981	REPLACED	NO
144)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	10-43 (Core Loc.)	2000	REPLACEMENT	NO
145)CONTROL ROD	GE	A4415	N/A	38-11 (Core Loc.)	1981	REPLACED	YES
146)CONTROL ROD	GE	5138	N/A	38-11 (Core Loc.)	1984	REPLACEMENT	YES
147)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	38-11 (Core Loc.)	1981	REPLACED	NO
148)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	38-11 (Core Loc.)	2000	REPLACEMENT	NO
149)CONTROL ROD	GE	A3982	N/A	50-19 (Core Loc.)	1981	REPLACED	YES
150)CONTROL ROD	GE	9351	N/A	50-19 (Core Loc.)	1978	REPLACEMENT	YES
151)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	50-19 (Core Loc.)	1981	REPLACED	NO
152)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	50-19 (Core Loc.)	2000	REPLACEMENT	NO

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1. Owner PP&L Inc. Date 6/22/2001
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PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
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153)CONTROL ROD	GE	A4207	N/A	58-43 (Core Loc.)	1981	REPLACED	YES
154)CONTROL ROD	GE	7849	N/A	58-43 (Core Loc.)	1978	REPLACEMENT	YES
155)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	58-43 (Core Loc.)	1981	REPLACED	NO
156)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	58-43 (Core Loc.)	2000	REPLACEMENT	NO
157)CONTROL ROD	GE	7824	N/A	18-03 (Core Loc.)	1978	REPLACED	YES
158)CONTROL ROD	GE	A5349	N/A	18-03 (Core Loc.)	1981	REPLACEMENT	YES
159)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	18-03 (Core Loc.)	1981	REPLACED	NO
160)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	18-03 (Core Loc.)	2000	REPLACEMENT	NO
161)CONTROL ROD	GE	9331	N/A	30-59 (Core Loc.)	1978	REPLACED	YES
162)CONTROL ROD	GE	9399	N/A	30-59 (Core Loc.)	1984	REPLACEMENT	YES
163)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	30-59 (Core Loc.)	1981	REPLACED	NO

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164)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	30-59 (Core Loc.)	2000	REPLACEMENT	NO
165)CONTROL ROD	GE	9518	N/A	34-59 (Core Loc.)	1978	REPLACED	YES
166)CONTROL ROD	GE	A4348	N/A	34-59 (Core Loc.)	1981	REPLACEMENT	YES
167)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	34-59 (Core Loc.)	1981	REPLACED	NO
168)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	34-59 (Core Loc.)	2000	REPLACEMENT	NO
169)CONTROL ROD	GE	A5500	N/A	26-39 (Core Loc.)	1981	REPLACED	YES
170)CONTROL ROD	GE	5270	N/A	26-39 (Core Loc.)	1984	REPLACEMENT	YES
171)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	26-39 (Core Loc.)	1981	REPLACED	NO
172)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	26-39 (Core Loc.)	2000	REPLACEMENT	NO
173)CONTROL ROD	GE	7837	N/A	14-23 (Core Loc.)	1978	REPLACED	YES
174)CONTROL ROD	GE	A5622	N/A	14-23 (Core Loc.)	1981	REPLACEMENT	YES

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(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 * (* SEE PAGE 27)
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)
175)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	14-23 (Core Loc.)	1981	REPLACED	NO
176)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	14-23 (Core Loc.)	2000	REPLACEMENT	NO
177)CONTROL ROD	GE	A3802	N/A	02-27 (Core Loc.)	1981	REPLACED	YES
178)CONTROL ROD	GE	A2297	N/A	02-27 (Core Loc.)	1981	REPLACEMENT	YES
179)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	02-27 (Core Loc.)	1981	REPLACED	NO
180)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	02-27 (Core Loc.)	2000	REPLACEMENT	NO
181)CONTROL ROD	GE	A4265	N/A	26-19 (Core Loc.)	1981	REPLACED	YES
182)CONTROL ROD	GE	A4487	N/A	26-19 (Core Loc.)	1981	REPLACEMENT	YES
183)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	26-19 (Core Loc.)	1981	REPLACED	NO
184)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	26-19 (Core Loc.)	2000	REPLACEMENT	NO
185)CONTROL ROD	GE	A4289	N/A	22-27 (Core Loc.)	1981	REPLACED	YES

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

1. Owner PP&L Inc. Date 6/22/2001
Name
Two North Ninth St., Allentown, PA 18101
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PP&L Inc. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
Address Authorization No. N/A
Expiration Date N/A
4. Identification of System REACTOR VESSEL AND AUX SYSTEM, 262A, CLASS I.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A * Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 * (* SEE PAGE 27)
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)
186)CONTROL ROD	GE	A5644	N/A	22-27 (Core Loc.)	1981	REPLACEMENT	YES
187)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	22-27 (Core Loc.)	1981	REPLACED	NO
188)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	22-27 (Core Loc.)	2000	REPLACEMENT	NO
189)CONTROL ROD	GE	7790	N/A	54-31 (Core Loc.)	1978	REPLACED	YES
190)CONTROL ROD	GE	A5485	N/A	54-31 (Core Loc.)	1981	REPLACEMENT	YES
191)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	54-31 (Core Loc.)	1981	REPLACED	NO
192)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	54-31 (Core Loc.)	2000	REPLACEMENT	NO
193)CONTROL ROD	GE	A5211	N/A	50-15 (Core Loc.)	1981	REPLACED	YES
194)CONTROL ROD	GE	9453	N/A	50-15 (Core Loc.)	1984	REPLACEMENT	YES
195)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	50-15 (Core Loc.)	1981	REPLACED	NO
196)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	50-15 (Core Loc.)	2000	REPLACEMENT	NO

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As Required by the Provisions of the ASME Code Section XI

1. Owner PP&L Inc. Date 6/22/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 20 of 27
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PP&L Inc. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System REACTOR VESSEL AND AUX SYSTEM, 262A, CLASS I.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W72 Addenda, N/A * Code Case
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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)
197)CONTROL ROD	GE	A4499	N/A	46-19 (Core Loc.)	1981	REPLACED	YES
198)CONTROL ROD	GE	A5606	N/A	46-19 (Core Loc.)	1981	REPLACEMENT	YES
199)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	46-19 (Core Loc.)	1981	REPLACED	NO
200)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	46-19 (Core Loc.)	2000	REPLACEMENT	NO
201)CONTROL ROD	GE	A5596	N/A	58-35 (Core Loc.)	1981	REPLACED	YES
202)CONTROL ROD	GE	A4480	N/A	58-35 (Core Loc.)	1981	REPLACEMENT	YES
203)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	58-35 (Core Loc.)	1981	REPLACED	NO
204)CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	58-35 (Core Loc.)	2000	REPLACEMENT	NO
205)CONTROL ROD	GE	A5595	N/A	30-55 (Core Loc.)	1981	REPLACED	YES
206)CONTROL ROD	GE	A5258	N/A	30-55 (Core Loc.)	1981	REPLACEMENT	YES
207)CONTROL ROD DRIVE (8 BOLTS)	GE	N/A	N/A	30-55 (Core Loc.)	1981	REPLACED	NO

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1. Owner PP&L Inc. Date 6/22/2001
Name
- Two North Ninth St., Allentown, PA 18101 Sheet 21 of 27
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
- PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PP&L Inc. Type Code Symbol None
Name
- Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address
- Expiration Date N/A
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5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A * Code Case
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208) CONTROL ROD DRIVE (8 BOLTS)	GE	HT # 13835	N/A	30-55 (Core Loc.)	2000	REPLACEMENT	NO
209) LARGE PIPE SUBASSEMBLY	BECHTEL	N/A	N/A	DBA-212-1 FLG # M-1	1983	REPAIRED	YES
210) MAIN STM ISOL VALVE	ATWOOD MORRILL	11-221	N/A	HV241F028B	1974	REPAIRED	YES
211) LARGE PIPE SUBASSEMBLY	BECHTEL	N/A	N/A	DBA-212-1 FLG # M-1	1983	REPLACED	YES
212) LARGE PIPE SUBASSEMBLY	PP&L	N/A	N/A	DBA-212-1 FLG # M-1	2001	REPLACEMENT	NO
213) LARGE PIPE SUBASSEMBLY	BECHTEL	N/A	N/A	DCA-211-3 FLG # M-1	1983	REPLACED	YES
214) LARGE PIPE SUBASSEMBLY	PP&L	N/A	N/A	DCA-211-3 FLG # M-1	2001	REPLACEMENT	NO
215) LARGE PIPE SUBASSEMBLY	BECHTEL	N/A	N/A	DCA-211-3 FLG # M-3	1983	REPLACED	YES
216) LARGE PIPE SUBASSEMBLY	PP&L	N/A	N/A	DCA-211-3 FLG # M-3	2001	REPLACEMENT	NO
217) MAIN STM ISOL VALVE (BONNET BOLTING)	ATWOOD MORRILL	11-221	N/A	HV241F028B	1974	REPLACED	YES
218) MAIN STM ISOL VALVE (BONNET BOLTING)	PPL	N/A	N/A	HV241F028B	2001	REPLACEMENT	NO

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PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PP&L Inc. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
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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)
219) MAIN STM ISOL VALVE (STEM)	ATWOOD MORRILL	12-221	N/A	HV241F022B	1974	REPLACED	YES
220) MAIN STM ISOL VALVE (STEM)	ATWOOD MORRILL	N/A	N/A	HV241F022B	1998	REPLACEMENT	NO
221) REACTOR VENT NOZZLE	CB&I	68-3332-32	N/A	2S401 N007	1973	REPAIRED	YES
222) MAIN STM ISOL VALVE (BONNET BOLTING)	ATWOOD MORRILL	15-221	N/A	HV241F022C	1974	REPLACED	YES
223) MAIN STM ISOL VALVE (BONNET BOLTING)	PPL	N/A	N/A	HV241F022C	2001	REPLACEMENT	NO

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

1. Owner PPL Susquehanna, LLC Date 06/22/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 23 of 27
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System REACTOR VESSEL, 262A, CLASS I.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A Code Case
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6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK AUTH./ WORK ORDER	CODE PROGRAM FORM	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-2	322298	G01-262-013	HV241F022D, REPLACED VALVE BONNET NUT	VT-1 BOLTING, VT-2 PER SE-200-002 TEMP 156°F / PRESS 1055 PSIG
3-10	271772 & 271048	00-262-003 & 00-262-004	HV241F001, HV241F002 & HV241F005 SPDBA212-3; RX VENT VALVE & ASSOC PIPE REPLACEMENT PCWO 27177, PREFAB ACTIVITIES PCWO 223797 INSTALLATION	VT-1 BOLTING, VT-2 PER SE-200-002 TEMP 156°F / PRESS 1055 PSIG
11-14	271408	00-262-004	SPDBA212-H2655 & SPDBA212-H2656; REPLACEMENT OF SPD CLIPS ASSOCIATED WITH RX VENT VALVE REPLACEMENT	N/A
15-21	231997	00-262-017	PSV 241F013A, REPAIRED RELIEF VLV BY MACHINING, REPLACED DISC INSERT, SPINDLE AND NOZZLE	VT-1 for inlet bolting, VT-3 INTERNALS, VT-2 DURING INSTALLATION PER W/O # 271991
22-25	271991	00-262-006	PSV 241F013A, INSTALLED REFURBISHED RELIEF VALVE AND REPLACED NUTS	VT-1 BOLTING, VT-2 PER SE-200-002 TEMP 156°F / PRESS 1055 PSIG
26-34	231997	00-262-018	PSV 241F013C, REPAIRED RELIEF VLV BY MACHINING, REPLACED DISC INSERT, SPINDLE, BELLOWS ASSEMBLY AND DUAL DIAMETER STUD	VT-1 for inlet bolting, VT-3 INTERNALS, VT-2 DURING INSTALLATION PER W/O # 272013
35-38	272013	00-262-007	PSV 241F013C, INSTALLED REFURBISHED RELIEF VALVE AND REPLACED NUTS	VT-1 BOLTING, VT-2 PER SE-200-002 TEMP 156°F / PRESS 1055 PSIG
39-47	231997	00-262-019	PSV 241F013E, REPAIRED RELIEF VLV BY MACHINING, REPLACED DISC INSERT, SPINDLE, NOZZLE, (4) STUDS AND A DUAL DIAMETER STUD	VT-1 for inlet bolting, VT-3 INTERNALS, VT-2 DURING INSTALLATION PER W/O # 272023
48-51	272023	00-262-008	PSV 241F013E, INSTALLED REFURBISHED RELIEF VALVE AND REPLACED NUTS	VT-1 BOLTING, VT-2 PER SE-200-002 TEMP 156°F / PRESS 1055 PSIG
52-60	231997	00-262-020	PSV 241F013G, REPAIRED RELIEF VLV BY MACHINING, REPLACED DISC INSERT, SPINDLE, NOZZLE, AND (2) STUDS	VT-1 for inlet bolting, VT-3 INTERNALS, VT-2 DURING INSTALLATION PER W/O # 272027
61-64	272027	00-262-009	PSV 241F013G, INSTALLED REFURBISHED RELIEF VALVE AND REPLACED NUTS	VT-1 BOLTING, VT-2 PER SE-200-002 TEMP 156°F / PRESS 1055 PSIG

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1. Owner PPL Susquehanna, LLC Date 06/22/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 24 of 27
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System REACTOR VESSEL, 262A, CLASS I.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 * (* SEE PAGE 27)

6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER	CODE PROGRAM FORM	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
65-73	231997	00-262-021	PSV 241F013J, REPAIRED RELIEF VLV BY MACHINING, REPLACED DISC INSERT, SPINDLE, BELLOW ASSEMBLY, (3) STUDS AND A DUAL DIAMETER STUD	VT-1 for inlet bolting, VT-3 INTERNALS, VT-2 DURING INSTALLATION PER W/O # 272031
74-77	272031	00-262-010	PSV 241F013J, INSTALLED REFURBISHED RELIEF VALVE AND REPLACED NUTS	VT-1 BOLTING, VT-2 PER SE-200-002 TEMP 156°F / PRESS 1055 PSIG
78-84	231997	00-262-022	PSV 241F013M, REPAIRED RELIEF VLV BY MACHINING, REPLACED DISC INSERT, SPINDLE AND NOZZLE	VT-1 for inlet bolting, VT-3 INTERNALS, VT-2 DURING INSTALLATION PER W/O # 272033
85-88	272033	00-262-011	PSV 241F013M, INSTALLED REFURBISHED RELIEF VALVE AND REPLACED NUTS	VT-1 BOLTING, VT-2 PER SE-200-002 TEMP 156°F / PRESS 1055 PSIG
89-95	231997	00-262-023	PSV 241F013P, REPAIRED RELIEF VLV BY MACHINING, REPLACED DISC INSERT, SPINDLE AND (2) STUDS	VT-1 for inlet bolting, VT-3 INTERNALS, VT-2 DURING INSTALLATION PER W/O # 272042
96-99	272042	00-262-012	PSV 241F013P, INSTALLED REFURBISHED RELIEF VALVE AND REPLACED NUTS	VT-1 BOLTING, VT-2 PER SE-200-002 TEMP 156°F / PRESS 1055 PSIG
100-108	231997	00-262-024	PSV 241F013S, REPAIRED RELIEF VLV BY MACHINING, REPLACED DISC INSERT, SPINDLE, ADJUSTING BOLT AND (2) STUDS	VT-1 for inlet bolting, VT-3 INTERNALS, VT-2 DURING INSTALLATION PER W/O # 272059
109-110	272059	00-262-013	PSV 241F013S, INSTALLED REFURBISHED RELIEF VALVE	VT-2 PER SE-200-002 TEMP 156°F / PRESS 1055 PSIG
111-112	231034	00-262-015	HV241F022C, REPLACED VALVE STEM	VT-2 PER SE-200-002 TEMP 156°F / PRESS 1055 PSIG
113-116	229961	00-262-025	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 30-39	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
117-120	229972	00-262-026	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 38-07	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
121-124	229974	00-262-027	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 38-55	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
125-128	229953	00-262-028	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 22-43	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
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1. Owner <u>PPL Susquehanna, LLC</u> <small>Name</small>	Date <u>6/22/2001</u>
<u>Two North Ninth St., Allentown, PA 18101</u> <small>Address</small>	Sheet <u>25</u> of <u>27</u>
2. Plant <u>Susquehanna Steam Electric Station</u> <small>Name</small>	Unit <u>TWO</u>
<u>PO Box 467 / 707 Salem Blvd, Berwick, PA 18603</u> <small>Address</small>	<u>SEE ATTACHED LIST</u> <small>Repair Organization P.O. No., Job No., etc.</small>
3. Work Performed by <u>PPL Susquehanna, LLC</u> <small>Name</small>	Type Code Symbol <u>None</u>
<u>Two North Ninth St., Allentown, PA 18101</u> <small>Address</small>	Authorization No. <u>N/A</u>
	Expiration Date <u>N/A</u>

4. Identification of System REACTOR VESSEL, 262A, CLASS I.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 * (* SEE PAGE 27)

6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK ORDER	CODE PROGRAM FORM	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
129-132	294627	00-262-029	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 26-23	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
133-136	294628	00-262-030	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 54-15	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
137-140	229950	00-262-031	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 18-11	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
141-144	229948	00-262-032	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 10-43	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
145-148	229973	00-262-033	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 38-11	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
149-152	272661	00-262-034	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 50-19	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
153-156	272707	00-262-035	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 58-43	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
157-160	294629	00-262-036	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 18-03	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
161-164	229968	00-262-037	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 30-59	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
165-168	229971	00-262-038	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 34-59	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
169-172	229959	00-262-039	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 26-39	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
173-176	229949	00-262-040	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 14-23	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
177-180	229946	00-262-041	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 02-27	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
181-184	229954	00-262-042	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 26-19	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
185-188	229951	00-262-043	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 22-27	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
189-192	272703	00-262-044	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 54-31	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
193-196	229977	00-262-045	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 50-15	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG

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1. Owner PPL Susquehanna, LLC Date 6/22/2001
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Two North Ninth St., Allentown, PA 18101 Sheet 26 of 27
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
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3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
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Address Expiration Date N/A

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6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK AUTH.	CODE PROGRAM FORM	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
197-200	294630	00-262-046	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 46-19	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
201-204	294631	00-262-047	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 58-35	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
205-208	296529	00-262-048	REPLACED CONTROL ROD DRIVE AND BOLTS AT CORE LOC. 30-55	VT-1 CAP SCREWS, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
209	227184	01-262-001	DBA-212-1 FLANGE M-1, REPAIRED FLANGE BY MACHINING	VT-1 FLANGE FACE, VT-2 PER SE-200-002 TEMP 156°F / PRESS 1055 PSIG
210	231032	01-262-001	HV241F028B, REMOVED SEAL WELD FROM BONNET	N/A
211-212	232054	01-262-002	DBA212-1, FLANGE M-1, REPLACED BOLTING	VT-1 BOLTING, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
213-216	232054	01-262-003	DBA211-3, FLANGE M-1 & M-3, REPLACED BOLTING	VT-1 BOLTING, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
217-218	231032	01-262-007	HV241F028B, REPLACED BODY TO BONNET BOLTING	VT-1 BOLTING, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
219-220	298726	01-262-008	HV241F022B, REPLACED VALVE STEM	VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG
221	272184	01-262-010	2S401, REPAIRED REACTOR VESSEL VENT NOZZLE BY MACHINING	VT-1 FLANGE FACE, VT-2 PER SE-200-002 TEMP 156°F / PRESS 1055 PSIG
222-223	231034	01-262-011	HV-241F022C, REPLACED BODY TO BONNET BOLTING	VT-1 BOLTING, VT-2 PER SE-200-002 TEMP 156°F/ PRESS 1055 PSIG

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

1. Owner <u>PP&L Inc.</u> <small>Name</small>	Date <u>6/22/2001</u>
<u>Two North Ninth St., Allentown, PA 18101</u> <small>Address</small>	Sheet <u>27</u> of <u>27</u>
2. Plant <u>Susquehanna Steam Electric Station</u> <small>Name</small>	Unit <u>TWO</u>
<u>PO Box 467, Berwick, PA 18603</u> <small>Address</small>	<u>SEE ATTACHED LIST</u> <small>Repair Organization P.O. No., Job No., etc.</small>
3. Work Performed by <u>PP&L Inc.</u> <small>Name</small>	Type Code Symbol <u>None</u>
<u>Two North Ninth St., Allentown, PA 18101</u> <small>Address</small>	Authorization No. <u>N/A</u>
	Expiration Date <u>N/A</u>
4. Identification of System <u>REACTOR VESSEL, 262A, CLASS I.</u>	
5. (a) Applicable Construction Code <u>ASME Sec III *</u> 19 <u>71</u> Edition, <u>Thru W'72</u> Addenda, <u>N/A</u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 <u>89 *</u> (* SEE BELOW)	
6. Identification of Components Repaired or Replaced and Replacement Components	

SUPPLEMENT 5 (a)

COMPONENT MANUFACTURER	CODE OF CONSTRUCTION / CODE CASE(S)
Yarway Rx Head Vent Valve Removed	Construction Code ASME Section III, 1974 Edition Winter 1974 Addenda
Anchor Darling Rx Head Vent Valve Replacements	Construction Code ASME Section III, 1986 Edition No Addenda
Crosby Valve & Gage Co. MSRV'S Valves	CONSTRUCTION & REPLACEMENT CODE OF CONSTRUCTION FOR VALVES IS ASME Section III, 1971 Ed. With NO Addenda; Code Cases 1567 & 1711
Crosby Valve & Gage Co. Replacement Disc Inserts	Replacement Code is ASME Section III, 1974 Edition 75 Addenda CC 1711
Crosby Valve & Gage Co. Replacement Parts; Bellow Assembly, Nozzle, Spindle, And Adjusting Bolt	Replacement Code is ASME Section III, 1971 Edition NO Addenda CC 1711
GE, Control Rod Drives Year Built 1978 (ORIGINALLY INSTALLED IN UNIT 1)	ASME Section III, 1971 Ed. NO Add. Code Case 1361
GE, Control Rod Drives Year Built 1981 (ORIGINALLY INSTALLED IN UNIT 2)	ASME Section III, 1971 Ed. Winter '72 Add. Code Case 1361
GE, Control Rod Drives Year Built 1984 (ORIGINALLY SPARE)	ASME Section III, 1971 Ed. Winter '72 Add. Code Case 1361
ATWOOD & MORRILL, Main Steam Isolation Valves	ASME Section III, 1971 Ed. Summer '71 Add. Code Case 1535-2
CB&I, Reactor Vessel Vent Nozzle, N007 (REPAIR)	ASME Section III, 1968 Ed. Winter '70 Add. Code Case 1361

SUPPLEMENT 5 (b)

REPAIR ACTIVITY	CODE CASE
ITEM # 3-10	N-416-1

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code, Section III, Div. 1

Flowserve Corp.
 1. Manufactured and certified by 701 First Street, Williamsport, PA 17701
(name and address of N Certificate Holder)
 2. Manufactured for Pennsylvania Power & Light, 2 North Ninth St., Allentown, PA 18101
(name and address of Purchaser or Owner)
 3. Location of installation Susquehanna Station, 5 mi. NE of Berwick on Rt. 11, P.O. Box 467
(name and address) Berwick, PA 18603
 4. Model No., Series No., or Type Y-Globe Drawing W9925474 Rev. C CRN ---
 5. ASME Code Section III: 1986 - 1 ---
Edition Addenda date Class Code Case no.
 6. Pump or valve Valve Nominal inlet size 2" Outlet size 2"
(in.) (in.)
 7. Material: Body SA216-WCB Bonnet SA564-630-1075 Disk COCR/STI 6 Bolting ---

(a) Cert. Holder's Serial No.	(b) Nat'l Board No.	(c) Body Serial No.	(d) Bonnet Serial No.	(e) Disk Serial No.
E949A-1-1 ✓	N/A	10 ✓	Ht. #B-2401	1 ✓
E949A-1-2 ✓	N/A	11 ✓	Ht. #B-2401	2 ✓
E949A-1-3 ✓	N/A	13 ✓	Ht. #B-2401	3
E949A-1-4 ✓	N/A	14 ✓	Ht. #B-2401	4
E949A-1-5 ✓	N/A	9 ✓	Ht. #B-2401	5 ✓

* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data 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 NPV-1

Mr. Serial No. _____

8. Remarks _____

Shop Order E949A-1

9. Design conditions 2774 (pressure) psi 585 (temperature) °F or valve pressure class 1500# (1)

10. Cold working pressure 3705 psi at 100°F

11. Hydrostatic test 5575 psi Disk differential test pressure 4076 psi

CERTIFICATION OF DESIGN

Design Specification certified by D. Sattar Prof. Eng. state PA Reg. No. 019525E
Design Report certified by R.S. Farrell Prof. Eng. state PA Reg. No. 035216E

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III.


N Certificate of Authorization No. N1712 Expires 4/15/01

Date 7/28/2000 Name Flowserve Corp. Signed R.L. Stannert
(N Certificate Holder) (representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Pennsylvania and employed by Commercial Union Ins. Co. of Boston, MA have inspected the pump, or valve, described in this Data Report on 2-11th 7-28 00 and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III.

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

Date JUL 28 2000  256
Charles Young (Inspector) Commissions Pennsylvania 2392
Charles Young (Nat'l Bd., (incl. endorsements) State, Prov. and No.)

(1) For manually operated valves only.

**Revised December 4, 2000

10/27/00
12/4/00

K/M 12-04-2000

W/EL 3/13/01

W/EL 3/13/01

***Revised March 13, 2001

Q.C.-392
Sheet 1 of 2

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

As required by the Provisions of the ASME Code, Section III, Division 1 - Not to Exceed One Day's Production

- 1. Manufactured and certified by Anderson Greenwood Crosby, 43 Kendrick St., Wrentham, MA 02093
(Name and Address of N Certificate Holder)
- 2. Manufactured for PENNSYLVANIA POWER & LIGHT CO.
(Name and Address of Purchaser or Owner)
- 3. Location of Installation SUSQUEHANNA STEAM ELECTRIC STATION
(Name and Address)
- 4. Type DS-C-63790-4 SA637 GR.718 185,000 SUMMER(CRN) 3/13/01 2000
(drawing no.) (mat'l. spec. no.) (tensile strength) (year built)
- 5. ASME Code, Section III, Division 1 1971-1974 NO ADDENDA 75 1 ***1711 ---
(edition) (addenda date) (class) (Code Case No.)
- 6. Fabricated in accordance with Const. Spec. (Div. 2 only) --- Revision --- Date ---
(no.)
- 7. Remarks ---

- 8. Nom. thickness (in.) --- Min. design thickness (in.) --- Dia. ID (ft & in.) --- Length overall (ft & in.) ---
- 9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) N97499-35-0034	---	(26)	---
(2) N97499-35-0035	---	(27)	---
(3)	---	(28)	---
(4)	---	(29)	---
(5)	---	(30)	---
(6)	---	(31)	---
(7)	---	(32)	---
(8)	---	(33)	---
(9)	---	(34)	---
(10)	---	(35)	---
(11)	---	(36)	---
(12)	---	(37)	---
(13)	---	(38)	---
(14)	---	(39)	---
(15)	---	(40)	---
(16)	---	(41)	---
(17)	---	(42)	---
(18)	---	(43)	---
(19)	---	(44)	---
(20)	---	(45)	---
(21)	---	(46)	---
(22)	---	(47)	---
(23)	---	(48)	---
(24)	---	(49)	---
(25)	---	(50)	---

- 10. Design pressure --- psi. Temp. --- ° F Hydro. test pressure 2370 at temp. 70 ° F
(when applicable)

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

Form N-2 (Back)

Q.C.-392
Sheet 2 of 2

Certificate Holder's Serial No. N97499-35-0034

CERTIFICATE OF DESIGN

Design specifications certified by ^{10/21/00} ~~G.T. NIEH~~ ^{12/1/00} **M.R. Mjaatvedt** P.E. State PA, CA Reg. no. 35285-E
KAM 12-04-2000 (when applicable)

Design report* certified by _____ P.E. State _____ Reg. no. _____
 (when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Disc Inserts conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-1877 Expires Sep. 30, 2001
Anderson Greenwood Crosby
 Date 10/5/00 Signed Wrentham, MA by [Signature]
 (NPT Certificate Holder) (Authorized Representative)
 ** 12/04/00 W. P. Savage

CERTIFICATE OF 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 Massachusetts and employed by Factory Mutual Insurance Co. of Johnston, Rhode Island have inspected these items described in this Data Report on October 05, 20 00 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

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

Date 10-05, 20 00 Signed [Signature] (Authorized Inspector)
 ** [Signature] 12-04-2000 ANI
 Commissions MA-1418 N (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

*** W. P. Savage 3/13/01
 Date

*** [Signature] 3/13/01
 ANI Date

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

As required by the Provisions of the ASME Code, Section III, Division 1 - Not to Exceed One Day's Production

- 1. Manufactured and certified by Anderson Greenwood Crosby, 43 Kendrick St., Wrentham, MA 02093
(Name and Address of N Certificate Holder)
- 2. Manufactured for PENNSYLVANIA POWER & LIGHT CO.
(Name and Address of Purchaser or Owner)
- 3. Location of Installation SUSQUEHANNA STEAM ELECTRIC STATION
(Name and Address)
- 4. Type DS-C-63790-4 SA564 GR.630 140,000 2000
(drawing no.) (mat'l. spec. no.) (tensile strength) NO (CRN) (year built)
- 5. ASME Code, Section III, Division 1: 1971 SUMMER 1972 ADDENDA 1 **1711-
(edition) (addenda date) (class) (Code Case No.)
- 6. Fabricated in accordance with Const. Spec. (Div. 2 only) 11/30/2000 Revision - - -
(no.)
- 7. Remarks _____

- 8. Nom. thickness (in.) - Min. design thickness (in.) - Dia. ID (ft & in.) - Length overall (ft & in.) -
- 9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) <u>K82137-53-0075</u>	<u>-</u>	(26)	<u>-</u>
(2) <u>K82137-53-0078</u>	<u>-</u>	(27)	<u>-</u>
(3)	<u>-</u>	(28)	<u>-</u>
(4)	<u>-</u>	(29)	<u>-</u>
(5)	<u>-</u>	(30)	<u>-</u>
(6)	<u>-</u>	(31)	<u>-</u>
(7)	<u>-</u>	(32)	<u>-</u>
(8)	<u>-</u>	(33)	<u>-</u>
(9)	<u>-</u>	(34)	<u>-</u>
(10)	<u>-</u>	(35)	<u>-</u>
(11)	<u>-</u>	(36)	<u>-</u>
(12)	<u>-</u>	(37)	<u>-</u>
(13)	<u>-</u>	(38)	<u>-</u>
(14)	<u>-</u>	(39)	<u>-</u>
(15)	<u>-</u>	(40)	<u>-</u>
(16)	<u>-</u>	(41)	<u>-</u>
(17)	<u>-</u>	(42)	<u>-</u>
(18)	<u>-</u>	(43)	<u>-</u>
(19)	<u>-</u>	(44)	<u>-</u>
(20)	<u>-</u>	(45)	<u>-</u>
(21)	<u>-</u>	(46)	<u>-</u>
(22)	<u>-</u>	(47)	<u>-</u>
(23)	<u>-</u>	(48)	<u>-</u>
(24)	<u>-</u>	(49)	<u>-</u>
(25)	<u>-</u>	(50)	<u>-</u>

10. Design pressure - psi. Temp. - ° F Hydro. test pressure - at temp. - ° F (when applicable)

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

Certificate Holder's Serial No. K82137-53-0075

CERTIFICATE OF DESIGN

Design specifications certified by C.T. NIEH P.E. State CA Reg. no. 15587
(when applicable)

Design report* certified by _____ P.E. State _____ Reg. no. _____
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Spindle Assembly
conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-1877 Expires Sep. 30, 2001

Date 9/22/00 Signed Anderson Greenwood Crosby by [Signature]
Wrentham, MA (NPT Certificate Holder) (Authorized Representative)

** 11/30/00

CERTIFICATE OF 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 Massachusetts and employed by Factory Mutual Insurance Co. of Johnston, Rhode Island have inspected these items described in this Data Report on September 23, 20 00 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

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

Date 09.23, 20 00

** [Signature] 11-30-2000
ANI

Signed [Signature]
(Authorized Inspector)

Commissions MA-1418 N
(Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

*** [Signature] March 14, 2001
Date
*** [Signature] MA-1418 N March 15, 2001
ANI Date

***Revised March 13, 2001
***Revised December 4, 2000
10/26 12/4/00 12-04-2000

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES*

As required by the Provisions of the ASME Code, Section III, Division 1 - Not to Exceed One Day's Production

- 1. Manufactured and certified by Anderson Greenwood Crosby, 43 Kendrick St., Wrentham, MA 02093
(Name and Address of N Certificate Holder)
- 2. Manufactured for PENNSYLVANIA POWER & LIGHT CO.
(Name and Address of Purchaser or Owner)
- 3. Location of Installation SUSQUEHANNA STEAM ELECTRIC STATION
(Name and Address)
- 4. Type DS-C-63790-4 SA637 GR.718 185,000 2000
(drawing no.) (mat'l. spec. no.) (tensile strength) SUMMER (CRN) (year built)
- 5. ASME Code, Section III, Division 1: ** 1971 1974 NO ADDENDA 75 1 1711
W 12/4/00 (edition) 12-04-2000 (addenda date) (class) (Code Case No.)
- 6. Fabricated in accordance with Const. Spec. (Div. 2 only) --- Revision --- Date ---
(no.)
- 7. Remarks _____

- 8. Nom. thickness (in.) --- Min. design thickness (in.) --- Dia. ID (ft & in.) --- Length overall (ft & in.) ---
- 9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) N97499-36-0036	---	(26)	---
(2) N97499-36-0037	---	(27)	---
(3) N97499-36-0040	---	(28)	---
(4) N97499-36-0041	---	(29)	---
(5) N97499-36-0042	---	(30)	---
(6) N97499-36-0043	---	(31)	---
(7)	---	(32)	---
(8)	---	(33)	---
(9)	---	(34)	---
(10)	---	(35)	---
(11)	---	(36)	---
(12)	---	(37)	---
(13)	---	(38)	---
(14)	---	(39)	---
(15)	---	(40)	---
(16)	---	(41)	---
(17)	---	(42)	---
(18)	---	(43)	---
(19)	---	(44)	---
(20)	---	(45)	---
(21)	---	(46)	---
(22)	---	(47)	---
(23)	---	(48)	---
(24)	---	(49)	---
(25)	---	(50)	---

- 10. Design pressure --- psi. Temp. --- ° F Hydro. test pressure 2370 at temp. 70 ° F
(when applicable)

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

Certificate Holder's Serial No. N97499-36-0036

CERTIFICATE OF DESIGN

Design specifications certified by ^{W 12/14/00} ** G.T. NEMM.R. Mjaatvedt P.E. State PA-CA Reg. no. 35285-E
~~15587~~
KM 12-04-2000 (when applicable)

Design report* certified by _____ P.E. State _____ Reg. no. _____
 (when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Disc Inserts conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-1877 Expires Sep. 30, 2001
Anderson Greenwood Crosby
 Date 10/5/00 Signed Wrentham, MA by [Signature]
 (** 12/04/00) (NPT Certificate Holder) (Authorized Representative)
[Signature]

CERTIFICATE OF 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 Massachusetts and employed by Factory Mutual Insurance Co. of Johnston, Rhode Island have inspected these items described in this Data Report on October 5, 20 00 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

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

Date 10-05, 20 00 ** [Signature] 12-04-2000
 Signed [Signature] Commissions MA-1418 NI
 (Authorized Inspector) (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)
 ANI

*** [Signature] 3/13/01
 Date

*** [Signature] 3/13/01
 ANI Date

KAW 11/30/2000 11/30/00

**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***

As required by the Provisions of the ASME Code, Section III, Division 1 - Not to Exceed One Day's Production

- 1. Manufactured and certified by Anderson Greenwood Crosby, 43 Kendrick St., Wrentham, MA 02093
(Name and Address of N Certificate Holder)
- 2. Manufactured for PENNSYLVANIA POWER & LIGHT CO.
(Name and Address of Purchaser or Owner)
- 3. Location of Installation SUSQUEHANNA STEAM ELECTRIC STATION
(Name and Address)
- 4. Type DS-C-63790-4 SA564 GR.630 140,000 2000
(drawing no.) (mat'l. spec. no.) (tensile strength) NO (CRN) (year built) *3/11*
- 5. ASME Code, Section III, Division 1: 1971 SLIMMER 1972 Addenda 1 ***1711
(edition) (addenda date) *11/30/00* (class) (Code Case No.) *KAW 3/15/01*
- 6. Fabricated in accordance with Const. Spec. (Div. 2 only) - - - -
(no.) Revision Date
- 7. Remarks _____

- 8. Nom. thickness (in.) - Min. design thickness (in.) - Dia. ID (ft & in.) - Length overall (ft & in.) -
- 9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) K82137-54-0079	---	(26)	---
(2) K82137-54-0080	---	(27)	---
(3) K82137-54-0081	---	(28)	---
(4) K82137-54-0082	---	(29)	---
(5) K82137-54-0083	---	(30)	---
(6) K82137-54-0084	---	(31)	---
(7)	---	(32)	---
(8)	---	(33)	---
(9)	---	(34)	---
(10)	---	(35)	---
(11)	---	(36)	---
(12)	---	(37)	---
(13)	---	(38)	---
(14)	---	(39)	---
(15)	---	(40)	---
(16)	---	(41)	---
(17)	---	(42)	---
(18)	---	(43)	---
(19)	---	(44)	---
(20)	---	(45)	---
(21)	---	(46)	---
(22)	---	(47)	---
(23)	---	(48)	---
(24)	---	(49)	---
(25)	---	(50)	---

- 10. Design pressure - psi. Temp. - ° F Hydro. test pressure - at temp. - ° F
(when applicable)

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

Form N-2 (Back)

Q.C.-392
Sheet 2 of 2

Certificate Holder's Serial No. K82137-54-0079

CERTIFICATE OF DESIGN

Design specifications certified by C.T. NIEH P.E. State CA Reg. no. 15587
(when applicable)

Design report* certified by _____ P.E. State _____ Reg. no. _____
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Spindle Assembly
conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-1877 Expires Sep. 30, 2001
Anderson Greenwood Crosby

Date SEPT 23, 2000 Signed Wrentham, MA by [Signature]
(NPT Certificate Holder) (Authorized Representative)

** 30th Nov 00

CERTIFICATE OF 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 Massachusetts and employed by Factory Mutual Insurance Co. of Johnston, Rhode Island have inspected these items described in this Data Report on September 23, 2000 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

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

Date 09-23, 20 00

** [Signature] 11-30-2000
ANI

Signed [Signature]
(Authorized Inspector)

Commissions MA-1418 N
(Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

*** [Signature] March 14, 2001
Date

*** [Signature] MA-1418 N March 15, 2001
ANI Date

CROSBY

CROSBY VALVE & GAGE COMPANY

WRENTHAM, MASS

**Revised 3/23/01. *3/23/01* *3/23/01*

Q.C.-392
Form N-2

FORM N-2 N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES*
As Required by the Provisions of the ASME Code, Section III, Division 1
Not to Exceed One Day's Production

Pg 1 of 1

1. Manufactured and certified by Crosby Valve & Gage Company 43 Kendrick St. Wrentham, MA 02093
(name and address of certificate holder)

2. Manufactured for PENNSYLVANIA POWER & LIGHT CO., ALLENTOWN, PA 18101
(name and address of purchaser)

3. Location of installation PENNSYLVANIA POWER & LIGHT CO., SUSQUEHANNA SES STOREROOM, BERWICK, PA
(name and address)

4. Type DS-A-63790 AMS 5662B 211,500 PSI -- 1992
(drawing no.) (mat'l spec no.) (tensile strength) (CRN) (year built)

5. ASME Code, Section III 1971 -- 1 **1711 --
(edition) (addenda) (class) (Code Case no.) *WFL 3/23/01*

6. Fabricated in accordance with Const. Spec. (Div. 2 only) -- Revision -- Date --
(No.)

7. Remarks:

8. Nom. thickness (in.) -- Min. design thickness (in.) -- Dia. ID (ft. & in.) -- Length overall (ft. & in.) --

9. When applicable, Certificate Holders' data reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. In Numerical Order	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(1) K55484-49-0266		(11)	
(2) K55484-49-0267		(12)	
(3)		(13)	
(4)		(14)	
(5)		(15)	
(6)		(16)	
(7)		(17)	
(8)		(18)	
(9)		(19)	
(10)		(20)	

10. Design pressure -- psi Temp. -- °F Hydro. test pressure -- at temp. -- °F.
(when applicable)

CERTIFICATION OF DESIGN

Design specification certified by C. T. NIEH P.E. state CA Reg. No. 15587
 (when applicable)

Design report* certified by W. D. GREENLAW P.E. state MA Reg. No. 14784
 (when applicable)

** W.P. Savage 3/23/01 CERTIFICATE OF SHOP COMPLIANCE

AGC Date
 We certify that the statements made in this report are correct and that ~~they~~ (these) DISC HOLDER ASSY'S conform to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization no. N-1877 Expires 9-30-92
 Date 8-28-97 Name Crosby Valve & Gage Company Signed Lawrence J. Pica
 (NPT Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP 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 Massachusetts and employed by *See Below of Norwood, MA have inspected these items described in this data report on August 28, 1997 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 8-28-97 Signed [Signature] Commissions MA-1418
 (Authorized Inspector) (Nat'l Bd (incl. endorsements) state or prov. and no.)

*Arkwright Mutual Insurance Company

** [Signature] #41455 Date 3/23/01
 ANI

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

As required by the Provisions of the ASME Code, Section III, Division 1 - Not to Exceed One Day's Production

1. Manufactured and certified by Crosby Valve Inc., 43 Kendrick St., Wrentham, MA 02093
(Name and Address of N Certificate Holder)
2. Manufactured for PENNSYLVANIA POWER & LIGHT
(Name and Address of Purchaser or Owner)
3. Location of Installation SUSQUEHANNA SES STOREROOM
(Name and Address)
4. Type DS-A-63790 REV.E ASME SA182 GR.F316 75,000 1998
(drawing no.) (mat'l spec. no.) (tensile strength) (year built)
5. ASME Code, Section III, Division 1: **1974 1971 **SUMMER 1975 1 **1711
(edition) (addenda date) (class) (Code Case No.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) 3/23/01 Revision -- Date --
(no.)
7. Remarks _____

8. Nom. thickness (in.) -- Min. design thickness (in.) -- Dia. ID (ft & in.) -- Length overall (ft & in.) --
9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) N93184-57-0175	---	(26)	---
(2) N93184-57-0176	---	(27)	---
(3) N93184-57-0177	---	(28)	---
(4)	---	(29)	---
(5)	---	(30)	---
(6)	---	(31)	---
(7)	---	(32)	---
(8)	---	(33)	---
(9)	---	(34)	---
(10)	---	(35)	---
(11)	---	(36)	---
(12)	---	(37)	---
(13)	---	(38)	---
(14)	---	(39)	---
(15)	---	(40)	---
(16)	---	(41)	---
(17)	---	(42)	---
(18)	---	(43)	---
(19)	---	(44)	---
(20)	---	(45)	---
(21)	---	(46)	---
(22)	---	(47)	---
(23)	---	(48)	---
(24)	---	(49)	---
(25)	---	(50)	---

10. Design pressure -- psi. Temp. -- ° F Hydro. test pressure 2370 at temp. 70 ° F
(when applicable)

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

Certificate Holder's Serial Nos. N93184-57-0175

CERTIFICATE OF DESIGN

Design specifications certified by C.T. NIEH P.E. State CA Reg. no. 15587
(when applicable)

Design report* certified by _____ P.E. State _____ Reg. no. _____
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Nozzles
conforms to the rules of construction of the ASME Code, Section III, Division 1. ** W. P. Laugel 3/23/01
AGC Date

NPT Certificate of Authorization No. N-1877 Expires 30 Sep. 2001

Date 28 AUG 98 Signed Crosby Valve Inc. by Brett A Crosby
(NPT Certificate Holder) (Authorized Representative)

CERTIFICATE OF 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 Massachusetts and employed by * Protection Mutual Insurance Co of Norwood, Massachusetts have inspected these items described in this Data Report on August 28, 19 98 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

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

** Will P. Laugel MA 1455 Date 3/23/01
ANI

Date 8-28, 19 98
Signed Ken D. G. Hobbs
(Authorized Inspector)

Commissions MA-1418 N
(Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

* Factory Mutual System

CROSBY

CROSBY VALVE & GAGE COMPANY

WRENTHAM, MASS

**Revised 3/23/01 *with 3/23/01* *in 3/23/01*

Q.C.-392
Form N-2

FORM N-2 N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES*
As Required by the Provisions of the ASME Code, Section III, Division 1
Not to Exceed One Day's Production

Pg 1 of 1

1. Manufactured and certified by Crosby Valve & Gage Co. 43 Kendrick St. Wrentham, MA 02093
(name and address of certificate holder)

2. Manufactured for Pennsylvania Power & Light Co. Allentown, PA 18101
(name and address of purchaser)

3. Location of installation Susquehanna SES Storeroom Berwick PA 18603
(name and address)

4. Type DS-A-63790 ASME SA193 Gr. B6 114,100 -- 1992
(drawing no.) (mat'l spec no.) (tensile strength) (CRN) (year built)

5. ASME Code, Section III 1971 No 1 **1711 10/3/05/01 3/23/01
(edition) (addenda) (class) (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) -- Revision -- Date --
(No.)

7. Remarks:

8. Nom. thickness (in.) -- Min. design thickness (in.) -- Dia. (D (ft. & in.)) -- Length overall (ft. & in.) --

9. When applicable, Certificate Holders' data reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. In Numerical Order	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(1) K76731-32-0005		(11)	
(2) K76731-32-0006		(12)	
(3)		(13)	
(4)		(14)	
(5)		(15)	
(6)		(16)	
(7)		(17)	
(8)		(18)	
(9)		(19)	
(10)		(20)	

10. Design pressure -- psi Temp. -- °F Hydro. test pressure -- at temp. °F.
(when applicable)

CERTIFICATION OF DESIGN

Design specification certified by C.T. Nieh P.E. state CA Reg. No. 15587
 (when applicable)
 Design report* certified by W.D. Greenlaw P.E. state MA Reg. No. 14784
 (when applicable)

** W.D. Greenlaw 3/23/01 CERTIFICATE OF SHOP COMPLIANCE
 AGC Date

We certify that the statements made in this report are correct and that this (these) Adi Bolt Button Assy conform to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization no. N-1877 Expires 9/30/92

Date 1-20-92 Name Crosby Valve & Gage Co. Signed Lawrence J. Pica
 (NPT Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP 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 Massachusetts and employed by *See Below of Norwood, MA have inspected these items described in this data report on JAN 20, 1992 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.
 Factory Mutual System

Date 1-26-92 Signed W.S. [Signature] Commission MA 1207
 (Authorized Inspector) (Nat'l Bd (incl. endorsements) state or prov. and no.)

*Arkwright Mutual Insurance Company** [Signature] MA 605 Date 3/23/91
 ANI

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

1. Owner PPL Susquehanna, LLC Date 06/11/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 4
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RECIRC WATER LOOPS AND JET PUMPS SYSTEM, 264B, CLASS I
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE CODE EDITION PAGE 4)
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)
1) VALVE	BORG WARNER	63761	N/A	243F025B	1981	REPLACED	YES
2) VALVE	YARWAY	C0654	N/A	243F025B	1990	REPLACEMENT	YES
3) VALVE	BORG WARNER	15396	N/A	243F026B	1976	REPLACED	YES
4) VALVE	YARWAY	C0724	N/A	243F026B	1990	REPLACEMENT	YES
5) SMALL PIPE SUB ASSEMBLY	BECHTEL	N/A	N/A	SPDCA250-1	1983	REPLACED	YES
6) SMALL PIPE SUB ASSEMBLY	PPL	N/A	N/A	SPDCA250-1	2001	REPLACEMENT	NO
7) SMALL PIPE SUB ASSEMBLY	PPL	N/A	N/A	SPDCA250-1	2001	REPAIRED	NO

7. Description of Work SEE ATTACHED LIST.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure (SEE PAGE 4)
 Other Pressure _____ psi Test _____ °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 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 CODE DATA REPORT(S) ATTACHED.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date June 20, 20 01
Owner of Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period SEPT 15, 2000 to MARCH 29, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 21 20 01

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

1. Owner PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 06/11/2001

Sheet 2 of 4

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467, Berwick, PA 18603
Address

Unit TWO

SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization No. N/A

Expiration Date N/A

4. Identification of System RECIRC WATER LOOPS AND JET PUMPS SYSTEM, 264B, CLASS I

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE CODE EDITION PAGE 4)

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)
8) SMALL PIPE SUPPORT CLIP	BECHTEL	N/A	N/A	SPDCA250-H5004	1983	REPLACED	NO
9) SMALL PIPE SUPPORT CLIP	PPL	N/A	N/A	SPDCA250-H5004	2001	REPLACEMENT	NO
10) VALVE	BORG WARNER	14956	N/A	243025A	1976	REPLACED	YES
11) VALVE	YARWAY	C0660	N/A	243025A	1990	REPLACEMENT	YES
12) VALVE	BORG WARNER	14995	N/A	243026A	1976	REPLACED	YES
13) VALVE	YARWAY	C0793	N/A	243026A	1990	REPLACEMENT	YES
14) SMALL PIPE SUB ASSEMBLY	BECHTEL	N/A	N/A	SPDCA223-4	1983	REPLACED	YES
15) SMALL PIPE SUB ASSEMBLY	PPL	N/A	N/A	SPDCA223-4	2001	REPLACEMENT	NO
16) LARGE PIPE (FLANGE BOLTING)	BECHTEL	N/A	N/A	VRR-B31-3	1983	REPLACED	YES
17) LARGE PIPE (FLANGE BOLTING)	PPL	N/A	N/A	VRR-B31-3	2001	REPLACEMENT	NO
18) LARGE PIPE (FLANGE BOLTING)	BECHTEL	N/A	N/A	VRR-B31-4	1983	REPLACED	YES

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

1. Owner PPL Susquehanna, LLC Date 06/11/2001
Name
Two North Ninth St., Allentown, PA 18101
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467, Berwick, PA 18603
Address SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
Address Authorization No. N/A
Expiration Date N/A
4. Identification of System RECIRC WATER LOOPS AND JET PUMPS SYSTEM, 264B, CLASS I
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE CODE EDITION PAGE 4)
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)
19) LARGE PIPE (FLANGE BOLTING)	PPL	N/A	N/A	VRR-B31-4	2001	REPLACEMENT	NO
20) LARGE PIPE (FLANGE BOLTING)	BECHTEL	N/A	N/A	DCA241-1	1983	REPLACED	YES
21) LARGE PIPE (FLANGE BOLTING)	PPL	N/A	N/A	DCA241-1	2001	REPLACEMENT	NO
22) SMALL PIPE SUB ASSEMBLY	BECHTEL	N/A	N/A	SPDCA216-2	1983	REPAIRED	YES

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

1. Owner PPL Susquehanna, LLC Date 06/11/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 4 of 4
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RECIRC WATER LOOPS AND JET PUMPS SYSTEM, 264B, CLASS I
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A* Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE CODE EDITION BELOW)
6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK AUTH.	DESCRIPTION OF WORK	DESCRIPTION OF TESTS	CODE EDITION/ADD (ASME SECT. III)
1-9	257014 & 107784	243F025A, 243F026A, SPDCA250-1 & SPDCA250250-H5004, REPLACED VALVES AND ASSOCIATED PIPE. REPAIRED PIPE BY GRINDING AND REPLACED SMALL PIPE CLIP.	NON VT-2 PER MI-PS-008	ORIG VALVE, '74 ED/W'74 ADD. REPLACEMENT '86/NO ADD.
10-15	294483	243025A, 243026A & SPDCA223-4, REPLACED VALVES AND ASSOCIATED PIPE.	NON VT-2 PER MI-PS-008	ORIG VALVE, '74 ED/W'74 ADD. REPLACEMENT '86/NO ADD.
16-21	276825	VRR-B31-3, VRR-B31-4 & DCA251-1, REPLACED FLANGE BOLTING	VT-1 BOLTING NON VT-2 PER MI-PS-008	CONSTRUCTION CODE FOR VRR PIPING, '71 ED/S'72 ADD.
22	276651	SPDCA216-2, INSTALLED UNEQUAL LEG FILLET WELD	NON VT-2 PER MI-PS-008	'71 ED/W'72 ADD.

SHOP ORDER 72341 REGISTER 89670
 FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

As Required by the Provisions of the ASME Code, Section III, Division 1

1. Manufactured and certified by Yarway Corporation, Blue Bell, PA 19422
(name and address of N Certificate Holder)
2. Manufactured for Penna. Power & Light Company, Allentown, PA 18101
(name and address of Purchaser or Owner)
3. Location of installation Susquehanna SES, Berwick, PA 18603
(name and address)
4. Model No., Series No., or Type 5615B-F316L Drawing 109408 Rev. A CRN. ---
5. ASME Code, Section III, Division 1: 1986 --- 1 ---
(edition) (addenda date) (class) (Code Case no.)
6. Pump or valve Valve Nominal inlet size 1 Outlet size 1
SA-182 SA-182 --- ---
(in.) (in.)
7. Material: Body Gr. F316L Bonnet Gr. F6a Cl. 2 Disk AMS5385E Bolting N/A
SA-564 Gr. 630 MS-4 (ASME) 9/18/90 CVC 9-18-90

91032221435

(a) Cert. Holder's Serial No.	(b) Nat'l Board No.	(c) Body Serial No.	(d) Bonnet Serial No.	(e) Disk Serial No.
C0561	---	BA	2906	NCR
C0563		All valves listed on this report have the same heat code for each piece listed.		
C0573				
C0581				
C0587				
C0604				
C0646				
C0671				
C0680				
C0685				
C0715				
C0716				
C0723				
C0724				
C0734				
C0746				
C0763				
C0764				
C0781				
C0795				
C0808				
C0809				
C0811				
C0819				
C0820				

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

No. 90-0905
 RECORD PACKAGE
 PAGE 41 OF 46

8. Remarks Nuclear Service Valves, Qty. 25
Bonnet (column d) is replaced by backseat bushing in this valve design.

9. Design conditions --- psi --- °F or valve pressure class 1500 (1)
(pressure) (temperature)

10. Cold working pressure 3000 psi at 100°F

11. Hydrostatic test 4500 psi. Disk differential test pressure 3300 psi

CERTIFICATION OF DESIGN

Design Specification certified by Matthew Hober Jr. P.E. State PA Reg. no. 20118E
Design Report certified by George J. Loos P.E. State NJ Reg. no. 23225

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N-2449 Expires 11/14/92

Date 9-17-90 Name Yarway Corporation Signed C. J. Root
(N Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP 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 Arkwright Mutual Ins. Co. of Norwood, MA* have inspected the pump, or valve, described in this Data Report on SEPTEMBER 17, 19 90, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 9-17-90 Signed John Hinko Commissions Pa 2006
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state or prov. and no.)
*Factory Mutual System

(1) For manually operated valves only.

91032201436

SHOP ORDER 72341 REGISTER 89670
 FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

As Required by the Provisions of the ASME Code, Section III, Division 1

1. Manufactured and certified by Yarway Corporation, Blue Bell, PA 19422
(name and address of N Certificate Holder)
2. Manufactured for Penna. Power & Light Company, Allentown, PA 18101
(name and address of Purchaser or Owner)
3. Location of installation Susquehanna SES, Berwick, PA 18603
(name and address)
4. Model No., Series No., or Type 5615B-F316L Drawing 109408 Rev. A CRN. ---
5. ASME Code, Section III, Division 1: 1986 --- 1 ---
(edition) (addenda date) (class) (Code Case no.)
6. Pump or valve Valve Nominal inlet size 1 Outlet size 1
SA-182 SA-182 (in.) (in.)
7. Material: Body Gr. F316L Bonnet Gr. F6a G1.2 Disk AMS5385E Bolting N/A
SA-564 Gr. 630 CDK 9-18-90 MSR (ANS) 9/18/90

(a) Cert. Holder's Serial No.	(b) Nat'l Board No.	(c) Body Serial No.	(d) Bonnet Serial No.	(e) Disk Serial No.
C0577	---	BA	2906	NC
C0579		All valves listed on this report have the same heat code for each piece listed.		
C0597				
C0599				
C0600				
C0609				
C0625				
C0637				
C0638				
C0644				
C0651				
C0654				
C0660				
C0691				
C0697				
C0713				
C0722				
C0726				
C0728				
C0730				
C0742				
C0748				
C0749				
C0752				
C0753				

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

No. 90-0905
 RECORD PACKAGE
 PAGE 40 OF 56

91032221433

8. Remarks Nuclear Service Valves, Qty. 25

Bonnet (column d) is replaced by backseat bushing in this valve design.

9. Design conditions --- psi --- °F or valve pressure class 1500 (1)

(pressure) (temperature)

10. Cold working pressure 3000 psi at 100°F

11. Hydrostatic test 4500 psi. Disk differential test pressure 3300 psi

CERTIFICATION OF DESIGN

Design Specification certified by Matthew Hober Jr. P.E. State PA Reg. no. 20118E
 Design Report certified by George J. Loos P.E. State NJ Reg. no. 23225

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N-2449 Expires 11/14/92

Date 9-17-90 Name Yarway Corporation Signed C.D. Root
(N Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP 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 Arkwright Mutual Ins. Co. of Norwood, MA* have inspected the pump, or valve, described in this Data Report on SEPTEMBER 17, 19 90, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 9-17-90 Signed Am. Hinkles Commissions Pa. 2006
(Authorized Inspector) *Factory Mutual System [Nat'l. Bd. (incl. endorsements) state or prov. and no.]

(1) For manually operated valves only.

91032241434

SHOP ORDER 72341 REGISTER 89670
 FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
 As Required by the Provisions of the ASME Code, Section III, Division 1

1. Manufactured and certified by Yarway Corporation, Blue Bell, PA 19422
(name and address of N Certificate Holder)

2. Manufactured for Penna. Power & Light Company, Allentown, PA 18101
(name and address of Purchaser or Owner)

3. Location of installation Susquehanna SES, Berwick, PA 18603
(name and address)

4. Model No., Series No., or Type 5615B-F316L Drawing 109408 Rev. A CRN. ---

5. ASME Code, Section III, Division 1: 1986 --- 1 ---
(edition) (addenda date) (class) (Code Case no.)

6. Pump or valve Valve Nominal inlet size 1 Outlet size 1
(in.) (in.)

7. Material: Body Gr. F316L SA-182 SA-182 ~~SA-182~~ Disk AMS5385E Polishing N/A
 Bonnet Gr. F62 Cl. 2 SA-564 Gr. 630 corr N/A (N2) 9/18/50

(a) Cert. Holder's Serial No.	(b) Nat'l Board No.	(c) Body Serial No.	(d) Bonnet Serial No.	(e) Disk Serial No.
C0620	---	BA	2906	NI
C0664		All valves listed on this report have the same		
C0682		heat codes for each piece listed.		
C0736				
C0745				
C0755				
C0790				
C0793				
C0798				

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

910321427

No. 90-0905
 RECORD PACKAGE
 PAGE 37 OF 56

8. Remarks Nuclear Service Valves, Qty. 9

Bonnet (column d) is replaced by backseat bushing in this valve design.

9. Design conditions --- psi --- °F or valve pressure class 1500 (1)

10. Cold working pressure 3000 psi at 100°F

11. Hydrostatic test 4500 psi. Disk differential test pressure 3300 psi

CERTIFICATION OF DESIGN

Design Specification certified by Matthew Hober Jr. P.E. State PA Reg. no. 20118E
Design Report certified by George J. Loos P.E. State NJ Reg. no. 23225

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N-2449 Expires 11/14/92

Date 9-17-90 Name Yarway Corporation Signed C. D. Root
(N Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP 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 Arkwright Mutual Ins. Co. of Norwood, MA* have inspected the pump, or valve, described in this Data Report on Sept. 17, 19 90, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 9-17-90 Signed Jim Fisher Commissions Pa. 2006
(Authorized Inspector) (*Factory Mutual System) [Nat'l. Bd. (incl. endorsements) state or prov. and no.]

(1) For manually operated valves only.

91032221428

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

1. Owner PPL Susquehanna, LLC Date 06/11/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 2
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System RECIRC. SEAL WATER INJECTION SYSTEM 264D, CLASS 2.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE REMARKS SECTION 9)

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)
1) SMALL PIPE SUB ASSEMBLY	BECHTEL	N/A	N/A	SPDCB220-1	1983	REPLACED	YES
2) SMALL PIPE SUB ASSEMBLY	PPL	N/A	N/A	SPDCB220-1	2001	REPLACEMENT	NO
3) SMALL PIPE SUB ASSEMBLY	BECHTEL	N/A	N/A	SPDCB205-2	1983	REPAIRED	YES
4) SMALL PIPE SUBASSEMBLY	BECHTEL	N/A	N/A	SPDCB208-2	1983	REPLACED	YES
5) SMALL PIPE SUBASSEMBLY	PPL	N/A	N/A	SPDCB208-2	2001	REPLACEMENT	NO
6) VALVE	MAROTTA SCIENTIFIC	234	496	B31-XV-2F003A (XV-243F003A)	1977	REPLACED	YES
7) VALVE	MAROTTA SCIENTIFIC	375	1264	B31-XV-2F003A (XV-243F003A)	1983	REPLACEMENT	YES

7. Description of Work SEE ATTACHED LIST.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure (SEE PAGE 2)
 Other Pressure _____ psi Test _____ °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 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 CODE DATA REPORT(S) ATTACHED. CODE OF CONSTRUCTION FOR MAROTTA SCIENTIFIC

Applicable Manufacturer's Data Reports to be attached

VALVES SECTION III, 1974 EDITION WINTER 1974 ADDENDA.

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date June 20, 2001
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period Nov. 20, 2000 to April 7, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 21 2001

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

1. Owner PPL Susquehanna, LLC Date 06/11/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 2
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System RECIRC. SEAL WATER INJECTION SYSTEM 264D, CLASS 2.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A* Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE REMARKS SECTION 9)
6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK AUTH./ WORK ORDER	CODE PROGRAM FORM	DESCRIPTION OF WORK	DESCRIPTION OF TESTS
1-2	221461	99-264-008	SPDCB220-1, REPLACED PIPE BY WELDING USING UNEQUAL LEG FILLET WELDS	NON VT-2 PER MI-PS-008
3	276619	00-264-010	SPDCB205-2, REPAIRED PIPE BY INSTALLING UNEQUAL LEG FILLET WELD	NON VT-2 PER MI-PS-008
4-5	276632	00-264-011	SPDCB208-2, REPLACED PIPE BY WELDING USING UNEQUAL LEG FILLET WELDS	NON VT-2 PER MI-PS-008
7-8	258183	00-264-018	XV-243F003A, REPLACED VALVE	NON VT-2 PER MI-PS-008

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES

As Required by the Provisions of the ASME Code, Section III, Div 1

1. Manufactured by Marotta Scientific Controls, Inc., Boonton Ave., Boonton, N.J.
 2. Manufactured for Pennsylvania Power & Light Company
(Name and Address of Purchaser or Owner)
 3. Location of Installation: Susquehanna Steam Electric Station, Salem Twp., Luzerne County PA.
(Name and Address)
 4. Pump or Valve Valve Nominal Inlet Size 1" pipe Outlet Size 1" pipe
(inch) (inch)

(a) Model No. (b) N Certificate Holder's (c) Canadian (d) Drawing (f) Nat'l. (g) Year
 Series No. Serial Registration No. No. Bd. No. Built
 or Type No. No. (e) Class

(1)	FVL16FD	375	None	281314-9001	1	1264	1983
(2)				REV. M			
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. Excess flow check valve, Model FVL 16 FD, water service equipped with position switches and bypass solenoid.
(Brief description of service for which equipment was designed)

6. Design Conditions 1510 psi 600 °F or Valve Pressure Class (1)
(Pressure) (Temperature)
 7. Cold Working Pressure 2160 psi at 100°F.
 8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
	N/A		
(b) Forgings			
	N/A		

(1) For manually operated valves only.
 * Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11" and (2) items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

85219
1254

Part No.	Material	Spec No.	Part Name
(c) Bolting			
	N/A		
(d) Other Parts			
188370-9001/A31867	SA182/F316		Cartech Cap
188371-9001/A31859B	SA182/F316		Cartech Body
187741-9001/A55657A	SA182/F316		Crucible Poppet

9. Hydrostatic test 3250 psi. Disk Differential test pressure 2160 psi.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div. 1, Edition 1974.
 Addenda W74, Code Case No. N/A, Date August 18, 1983
 Signed Marotta Scientific Controls, Inc., Donald J. Venice, Mgr. QA.
 (N Certificate Holder)
 Our ASME Certificate of Authorization No. N-1369 to use the 'N' symbol expires 4/27/85.
 (IN) (Date)

CERTIFICATION OF DESIGN

Design information on file at Marotta Scientific Controls
 Stress analysis report (Class 1 only) on file at Marotta Scientific Controls
 Design specifications certified by (1) Lawrence S. Loomer
 PE State PA. Reg. No. 19875 E
 Stress analysis certified by (1) William Golden
 PE State N.J. Reg. No. 20899
 (1) Signature not required. List name only.

CERTIFICATE OF SHOP 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 New Jersey and employed by Lumbermens Mutual of Long Grove, Ill. have inspected the pump, or valve, described in this Data Report on AUG. 18 1983 19 1983, and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III.
 By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
 Date AUG. 18 1983 19 1983
[Signature] Commissions NO 7050, PA WC 2678
 (Inspector) (Nat'l Bd., State, Prov. and No.)

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

1. Owner PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 05/29/2001
 Sheet 1 of 1

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

Unit TWO
PCWO # 229506, CRF # 00-273-001
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System PRIMARY CONTAINMENT ATMOSPHERE CONTROL, 273A, CLASS 2

5. (a) Applicable Construction Code ASME SecII 19 80 Edition, thru W'80 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89

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)
1) VALVE DISC	TARGET ROCK	75KK-211-11 (VALVE)	N/A	SV-25782A	1982	REPLACED	YES
2) VALVE DISC	TARGET ROCK	1149	N/A	SV-25782A	1997	REPLACEMENT	YES
3) VALVE	TARGET ROCK	75KK-211-11 (VALVE)	N/A	SV-25782A	1982	REPAIRED	YES

7. Description of Work Replaced valve Disc and Rewelded Bonnet

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure (* NON-VT-2 Per MI-PS-008)
 Other Pressure _____ psi Test _____ °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 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 MANUFACTURER'S DATA REPORT IS ATTACHED.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATION OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date June 22, 2001
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period APRIL 16, 2000 to APRIL 23, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 22 2001

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES* As Required by the Provisions of the ASME Code, Section III Not to Exceed One Day's Production

- 1. Manufactured and certified by Target Rock Corp.; 1966E Broadhollow Rd.; E. Farmingdale, NY 11735
2. Manufactured for Pennsylvania Power & Light Co.; Berwick, PA 18603
3. Location of installation Susquehanna SES; Berwick, PA 18603
4. Type 202337-1, SA479 316, 75 ksi, N/A, 1997
5. ASME Code, Section III, Division 1: 1980, Winter 1980, 2, None
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A, Revision N/A, Date N/A
7. Remarks: Main Disc Assembly
Spare part for valve model no. 75KK-211, 75KK-212, 75KK-216

- 8. Nom. Thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) N/A Length overall (ft & in.) N/A
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Table with 4 columns: Part or Appurtenance Serial Number, National Board No. In Numerical Order, Part or Appurtenance Serial Number, National Board NO. In Numerical Order. Rows 1-25 and 26-50.

10. Design pressure N/A psi. Temp. N/A °F Hydro. Test pressure 165 psig at temp. °F (when applicable) Ambient

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM N-2 (BACK - Pg. 2 of 2)

Certificate Holder's Serial Nos. 1142, 1149, 1158

CERTIFICATION OF DESIGN

Design specifications certified by L.S. Loomer P.E. State PA Reg. No. 19875E
Design report* certified by Not Applicable P.E. State - Reg. No.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Parts conforms to the rules for construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-1948 Expires 12/12/98

Date 12/15/97 Name Target Rock (NPT Certificate Holder) Signed R.E. Glazier, Manager, Q.E. (authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of New York and employed by Commercial Union Insurance Co. of Boston, MA have inspected the pump, or valve, described in this Data Report on 12/15/97 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 12/15/97 Signed (Authorized Inspector) Commissions NY 2597 (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

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

1. Owner PPL Susquehanna, LLC
Name

Date 06/11/2001

Two North Ninth St., Allentown, PA 18101
Address

Sheet 1 of 4

2. Plant Susquehanna Steam Electric Station
Name

Unit TWO

PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System MAIN STEAM SYSTEM, 283A, CLASS II.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE CODE EDITION PAGE 4)

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)
1) STEM/DISC ASSEMBLY	YARWAY	5604	N/A	SP-DBB-204-2-64	1976	REPLACED	YES
2) STEM/DISC ASSEMBLY	YARWAY	TEZG-A3	N/A	SP-DBB-204-2-64	1999	REPLACEMENT	YES
3) BACKSEAT BUSHING	YARWAY	5604	N/A	SP-DBB-204-2-64	1976	REPLACED	YES
4) BACKSEAT BUSHING	YARWAY	HT # 5293	N/A	SP-DBB-204-2-64	1999	REPLACEMENT	NO
5) STEM/DISC ASSEMBLY	YARWAY	A0721	N/A	SP-DBB-201-2-56	1977	REPLACED	YES
6) STEM/DISC ASSEMBLY	YARWAY	TEZG-A2	N/A	SP-DBB-201-2-56	1999	REPLACEMENT	YES
7) BACKSEAT BUSHING	YARWAY	A0721	N/A	SP-DBB-201-2-56	1977	REPLACED	YES

7. Description of Work SEE ATTACHED LIST.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure (SEE PAGE 4)
 Other Pressure _____ psi Test _____ °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 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 CODE DATA REPORT(S) ATTACHED.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATION 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 [Signature] Date Jan 29, 20 01
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period DEC. 17, 1999 to MARCH 13, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 1BNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 21 20 01

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

1. Owner PPL Susquehanna, LLC Date 06/11/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 4
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM SYSTEM, 283A, CLASS II.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE CODE EDITION PAGE 4)
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)
8) BACKSEAT BUSHING	YARWAY	HT # 5293	N/A	SP-DBB-201-2-56	1998	REPLACEMENT	NO
9) STEM/DISC ASSEMBLY	YARWAY	A1077	N/A	HV-20108B	1977	REPLACED	YES
10) STEM/DISC ASSEMBLY	YARWAY	TEZG-B5	N/A	HV-20108B	2000	REPLACEMENT	YES
11) BACKSEAT BUSHING	YARWAY	A1077	N/A	HV-20108B	1977	REPLACED	YES
12) BACKSEAT BUSHING	YARWAY	HT # 5293	N/A	HV-20108B	2000	REPLACEMENT	NO
13) STEM/DISC ASSEMBLY	YARWAY	5651	N/A	2RV-PSL-2N015D	1976	REPLACED	YES
14) STEM/DISC ASSEMBLY	YARWAY	TEZG-C3	N/A	2RV-PSL-2N015D	2000	REPLACEMENT	YES
15) BACKSEAT BUSHING	YARWAY	5651	N/A	2RV-PSL-2N015D	1976	REPLACED	YES
16) BACKSEAT BUSHING	YARWAY	HT # 5293	N/A	2RV-PSL-2N015D	1984	REPLACEMENT	NO
17) STEM/DISC ASSEMBLY	YARWAY	5959	N/A	HV-20108A	1976	REPLACED	YES
18) STEM/DISC ASSEMBLY	YARWAY	TEZG-C1	N/A	HV-20108A	2000	REPLACEMENT	YES

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

1. Owner PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 06/11/2001
 Sheet 3 of 4

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467, Berwick, PA 18603
Address

Unit TWO
SEE ATTACHED LIST
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System MAIN STEAM SYSTEM, 283A, CLASS II.

5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE CODE EDITION PAGE 4)

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)
19) BACKSEAT BUSHING	YARWAY	5959	N/A	HV-20108A	1976	REPLACED	YES
20) BACKSEAT BUSHING	YARWAY	HT # 5293	N/A	HV-20108A	1998	REPLACEMENT	NO

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

1. Owner PPL Susquehanna, LLC Date 06/11/2001
Name
Two North Ninth St., Allentown, PA 18101 Sheet 4 of 4
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603 SEE ATTACHED LIST
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by PPL Susquehanna, LLC Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MAIN STEAM SYSTEM, 283A, CLASS II.
5. (a) Applicable Construction Code ASME Sec III * 19 71 Edition, Thru W'72 Addenda, N/A* Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE CODE EDITION BELOW)
6. Identification of Components Repaired or Replaced and Replacement Components

ITEM(S)	WORK AUTH.	DESCRIPTION OF WORK	DESCRIPTION OF TESTS	CODE EDITION/ADD (ASME SECT. III)
1-4	221353	SP-DBB-204-2-64, REPLACE STEM/DISC ASSEMBLY AND BACKSEAT BUSHING	NON VT-2 PER MI-PS-008	ORIG VALVE, '74 ED/W'74 ADD. DISC '86/NO ADD.
5-8	189389	SP-DBB-201-2-56, REPLACE STEM/DISC ASSEMBLY AND BACKSEAT BUSHING	NON VT-2 PER MI-PS-008	ORIG VALVE, '74 ED/W'74 ADD. DISC '86/NO ADD.
9-12	283044	HV-20108B, REPLACE STEM/DISC ASSEMBLY AND BACKSEAT BUSHING	NON VT-2 PER MI-PS-008	ORIG VALVE, '74 ED/W'74 ADD. DISC '86/NO ADD.
13-16	318569	2RV-PSL-2N015D, REPLACE STEM/DISC ASSEMBLY AND BACKSEAT BUSHING	NON VT-2 PER MI-PS-008	ORIG VALVE, '74 ED/W'74 ADD. DISC '86/NO ADD.
17-20	319411	HV-20108A, REPLACE STEM/DISC ASSEMBLY AND BACKSEAT BUSHING	NON VT-2 PER MI-PS-008	ORIG VALVE, '74 ED/W'74 ADD. DISC '86/NO ADD.

WIP ORDER 5Q19652

SALES ORDER NO 2015457

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

**As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production**

Pg. 1 of 1

- Manufactured and certified by YARWAY CORPORATION, 480 NORRISTOWN ROAD, BLUE BELL, PA 19422-0760
(name and address of NPT Certificate Holder)
- Manufactured for FRAMATOME TECHNOLOGIES, LYNCHBURG, VA 24506
(name and address of purchaser)
- Location of installation STOCK
(name and address)
- Type 969155-06 AMS5385E (disc) 52,000 PSI MIN. N/A 1999
(drawing no.) (matl. spec. no.) (tensile strength) (CRN) (year built)
- ASME Code, Section III: 1986 NONE 1 ---
(edition) (addenda date) (class) (Code Case no.)
- Fabricated in accordance with Const. Spec. (Div. 2 only) --- Revision --- Date ---
(no.)
- Remarks: FABRICATED IN ACCORDANCE WITH CONSTRUCTION DATA 969005 REV. A, PRESSURE RETAINING PARTS FOR YARWAY SERIES 5500 GLOBE VALVE. THE OWNER OR THEIR DESIGNEE SHALL BE RESPONSIBLE FOR RECONCILING THIS CONSTRUCTION DATA WITH THE DESIGN SPECIFICATION FOR THE FACILITY USING THE PARTS.
- Nom. thickness (in.) --- Min. design thickness (in.) --- Dia. ID (ft. & in.) --- Length overall (ft. & in.) ---
- When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) TEZG-A1	---	(26) TEZG-A26	---
(2) TEZG-A2	---	(27) TEZG-A27	---
(3) TEZG-A3	---	(28) TEZG-A28	---
(4) TEZG-A4	---	(29) TEZG-A29	---
(5) TEZG-A5	---	(30) TEZG-A30	---
(6) TEZG-A6	---	(31) TEZG-A31	---
(7) TEZG-A7	---	(32) TEZG-A32	---
(8) TEZG-A8	---	(33) TEZG-A33	---
(9) TEZG-A9	---	(34) TEZG-A34	---
(10) TEZG-A10	---	(35)	---
(11) TEZG-A11	---	(36)	---
(12) TEZG-A12	---	(37)	---
(13) TEZG-A13	---	(38)	---
(14) TEZG-A14	---	(39)	---
(15) TEZG-A15	---	(40)	---
(16) TEZG-A16	---	(41)	---
(17) TEZG-A17	---	(42)	---
(18) TEZG-A18	---	(43)	---
(19) TEZG-A19	---	(44)	---
(20) TEZG-A20	---	(45)	---
(21) TEZG-A21	---	(46)	---
(22) TEZG-A22	---	(47)	---
(23) TEZG-A23	---	(48)	---
(24) TEZG-A24	---	(49)	---
(25) TEZG-A25	---	(50)	---

10. Design pressure --- psi. Temp. --- °F Hydro. test pressure N/A at temp. °F
****FOR ANSI CLASS 1500 VALVES** (when applicable)

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

This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

(12/86)

FORM N-2 (back)

Mfr. Serial No. SEE FRONT

CERTIFICATION OF DESIGN

Design specifications certified by (SEE REMARKS) P.E. State _____ Reg. no. _____
(when applicable)

Design report* certified by N/A P.E. State _____ Reg. no. _____
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) STEM AND DISC ASSEMBLY, 1 INCH conforms to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization No. N-2450 Expires NOVEMBER 14, 2001

Date MAY 28, 1999 Name YARWAY CORPORATION Signed Gerald R. Frank
(NPT Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of PENNSYLVANIA and employed by * ARKWRIGHT MUTUAL INSURANCE COMPANY of NORWOOD, MA have inspected these items described in this Data Report on 05/28/99 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

*FACTORY MUTUAL ENGINEERING ASSOCIATION

Date 05/28/99 Signed [Signature] Commissions NB9541'N' PA2389
(Authorized Inspector) (Nat'l. Bd. [incl. endorsements] state or prov. and no.)

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PAGE 8 OF 25

WIP ORDER 5028781

SALES ORDER NO 2026063

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

Pg. 1 of 1

- Manufactured and certified by YARWAY CORPORATION, 480 NORRISTOWN ROAD, BLUE BELL, PA 19422-0760
(name and address of NPT Certificate Holder)
- Manufactured for FRAMATOME TECHNOLOGIES, LYNCHBURG, VA 24506
(name and address of purchaser)
- Location of installation STOCK
(name and address)
- Type 969155-06 AMS5385E (disc) ✓ 52,000 PSI MIN. N/A 2000
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)
- ASME Code, Section III: 1986 NONE 1 ---
(edition) (addenda date) (class) (Code Case no.)
- Fabricated in accordance with Const. Spec. (Div. 2 only) --- Revision --- Date ---
(no.)
- Remarks: FABRICATED IN ACCORDANCE WITH CONSTRUCTION DATA 969005 REV. A, PRESSURE RETAINING PARTS FOR YARWAY SERIES 5500 GLOBE VALVE. THE OWNER OR THEIR DESIGNEE SHALL BE RESPONSIBLE FOR RECONCILING THIS CONSTRUCTION DATA WITH THE DESIGN SPECIFICATION FOR THE FACILITY USING THE PARTS.
- Nom. thickness (in.) --- Min. design thickness (in.) --- Dia. ID (ft. & in.) --- Length overall (ft. & in.) ---
- When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) TEZG-B1 ✓	---	(26)	
(2) TEZG-B2 ✓	---	(27)	
(3) TEZG-B3 ✓	---	(28)	
(4) TEZG-B4 ✓	---	(29)	
(5) TEZG-B5 ✓	---	(30)	
(6) TEZG-B6 ✓	---	(31)	
(7) TEZG-B7 ✓	---	(32)	
(8) TEZG-B8 ✓	---	(33)	
(9) TEZG-B9 ✓	---	(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

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10. Design pressure ** psi. Temp. ** °F Hydro. test pressure N/A at temp. °F
**FOR ANSI CLASS 1500 VALVES (when applicable)

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

(12/86) This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

PAGE 6 OF 21

FORM N-2 (back)

Mfr. Serial No. SEE FRONT

CERTIFICATION OF DESIGN

Design specifications certified by (SEE REMARKS) P.E. State _____ Reg. no. _____
(when applicable)

Design report* certified by N/A P.E. State _____ Reg. no. _____
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) STEM AND DISC ASSEMBLY, 1 INCH conforms to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization No. N-2450 Expires November, 14, 2001

Date 4/6/00 Name YARWAY CORPORATION Signed [Signature]
(NPT Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of PENNSYLVANIA and employed by FACTORY MUTUAL INSURANCE COMPANY of Johnston, RI have inspected these items described in this Data Report on _____ and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 04/06/00 Signed [Signature] Commissions PA 2389'N'
(Authorized Inspector) (Natl. Bd. [incl. endorsements] state or prov. and no.)



WIP ORDER 5030524

SALES ORDER NO 2025565

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

Pg. 1 of 1

- Manufactured and certified by YARWAY CORPORATION, 480 NORRISTOWN ROAD, BLUE BELL, PA 19422-0760
(name and address of NPT Certificate Holder)
- Manufactured for FRAMATOME TECHNOLOGIES, LYNCHBURG, VA 24506
(name and address of purchaser)
- Location of installation STOCK
(name and address)
- Type 969155-06 AMS5385E (disc) 52,000 PSI MIN. N/A 2000
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRM) (year built)
- ASME Code, Section III: 1986 NONE 1
(edition) (addenda date) (class) (Code Case no.)
- Fabricated in accordance with Const. Spec. (Div. 2 only) — Revision — Date —
(no.)
- Remarks: FABRICATED IN ACCORDANCE WITH CONSTRUCTION DATA 969005 REV. A, PRESSURE RETAINING PARTS FOR YARWAY SERIES 5500 GLOBE VALVE. THE OWNER OR THEIR DESIGNEE SHALL BE RESPONSIBLE FOR RECONCILING THIS CONSTRUCTION DATA WITH THE DESIGN SPECIFICATION FOR THE FACILITY USING THE PARTS.
- Nom. thickness (in.) — Min. design thickness (in.) — Dia. ID (ft. & in.) — Length overall (ft. & in.) —
- When applicable, Certificate Holders' Data Reports are attached for each item of this report

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) TEZG-C1 ✓	—	(26)	
(2) TEZG-C2 ✓		(27)	
(3) TEZG-C3 ✓		(28)	
(4) TEZG-C4 ✓		(29)	
(5) TEZG-C5 ✓		(30)	
(6) TEZG-C6 ✓		(31)	
(7) TEZG-C7 ✓		(32)	
(8) TEZG-C8 ✓		(33)	
(9) TEZG-C9 ✓		(34)	
(10) TEZG-C10 ✓		(35)	
(11) TEZG-C11 ✓		(36)	
(12) TEZG-C12 ✓		(37)	
(13) TEZG-C13 ✓		(38)	
(14) TEZG-C14 ✓		(39)	
(15) TEZG-C15 ✓		(40)	
(16) TEZG-C16 ✓		(41)	
(17) TEZG-C17 ✓		(42)	
(18) TEZG-C18 ✓		(43)	
(19) TEZG-C19 ✓		(44)	
(20) TEZG-C20 ✓		(45)	
(21) TEZG-C21 ✓		(46)	
(22) TEZG-C22 ✓		(47)	
(23) TEZG-C23 ✓		(48)	
(24) AV94-D1 ✓		(49)	
(25) 91-11-1G-F1 ✓		(50)	

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10. Design pressure — psi. Temp. — °F Hydro. test pressure N/A at temp. °F
**FOR ANSI CLASS 1500 VALVES (when applicable)

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

(12/86) This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

PAGE 7 OF 29

FORM N-2 (back)

Mfr. Serial No. SEE FRONT

CERTIFICATION OF DESIGN

Design specifications certified by (SEE REMARKS) P.E. State _____ Reg. no. _____
(when applicable)

Design report* certified by N/A P.E. State _____ Reg. no. _____
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) STEM AND DISC ASSEMBLIES, 1 INCH conforms to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization No. N-2450 Expires November, 14, 2001

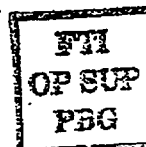
Date 6/23/00 Name YARWAY CORPORATION Signed [Signature]
(NPT Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of PENNSYLVANIA and employed by FACTORY MUTUAL INSURANCE COMPANY of Johnston, RI have inspected these items described in this Data Report on 06/23/00 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 06/23/00 Signed [Signature] Commissions PA 2389 'N'
(Authorized Inspector) (Nat'l. Bd. [incl. endorsements] state or prov. and no.)



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

1. Owner PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 06/25/2001
 Sheet 1 of 1

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

Unit TWO
PCWO # 231032
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System Main Steam Isolation Valve and Control, 283B, Class 3.

5. (a) Applicable Construction Code ASME Sec III 19 71 Edition, Thru W'72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89

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)
1) PIPE SUPPORT (CLIP)	BECHTEL	N/A	N/A	SPHCC236-H5017	1983	REPLACED	NO
2) PIPE SUPPORT (CLIP)	PPL	N/A	N/A	SPHCC236-H5017	2001	REPLACEMENT	NO
3) PIPE SUPPORT (CLIP)	BECHTEL	N/A	N/A	SPHCC236-H5018	1983	REPLACED	NO
4) PIPE SUPPORT (CLIP)	PPL	N/A	N/A	SPHCC236-H5018	2001	REPLACEMENT	NO
5) PIPE SUPPORT (CLIP)	BECHTEL	N/A	N/A	SPHCC236-H5019	1983	REPLACED	NO
6) PIPE SUPPORT (CLIP)	PPL	N/A	N/A	SPHCC236-H5019	2001	REPLACEMENT	NO

7. Description of Work REPLACED PIPE SUPPORT SPD CLIP(S)

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N/A
 Other Pressure _____ psi Test _____ °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 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

CERTIFICATION 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.

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 6/26, 20 01
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period MARCH 21, 2001 to APRIL 12, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 26 20 01

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

1. Owner PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 06/22/2001
 Sheet 1 of 1

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

Unit TWO
PCWO # 107549, CRF # 01-283-024
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System Auto Pressure Blowdown System, 283E, Class 3.

5. (a) Applicable Construction Code ASME Sec III 19 74 Edition, thru S'76 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89

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)
1) VALVE (BALL)	CONTRAMATICS	84632-3-43 (VALVE)	N/A	241F036R	1976	REPLACED	YES
2) VALVE (BALL)	CONTRAMATICS	HT # A20185	N/A	241F036R	1986	REPLACEMENT	YES

7. Description of Work Replaced Valve Ball

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure NON VT-2 PER MI-PS-008
 Other Pressure _____ psi Test _____ °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 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 Manufacturer's Data Report Attached.

Applicable Manufacturer's Data Reports to be attached

Three horizontal lines for additional remarks.

CERTIFICATION 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 N/A

Signed [Signature] Date 6/26, 20 01
Owner or Owner's Designee, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period APRIL 3 2001 to APRIL 6 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7525 IBNA PA2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 24 20 01

Manufactured and certified by Contromatics 222 Roberts Street E. Hartford CT 06108
(name and address of certificate holder)

2. Manufactured for Pennsylvania Power & Light Co. Two North Ninth St. Allentown, PA 18101
(name and address of purchaser)

3. Location of installation Susquehanna Steam Electric Station, Salem Township Luzerne County PA
(name and address)

4. Type 598-10-03 ASME-SA-479 T316 N/A N/A N/A
(drawing no.) (mat'l. spec. no.) (nominal strength) (CRN) (year built)

5. ASME Code, Section III: 1974 Summer 1976 3 N/A
(edition) (addenda) (class) (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A
(No.)

7. Remarks: Balls for 1" Check Valve (replacement)

8. Nom. thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft. & in.) N/A Length overall (ft. & in.) N/A

9. When applicable, Certificate Holders' data reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board Number in Numerical Order
(1) 3E219T-42	N/A	(26)	
(2) 3E219T-43	N/A	(27)	
(3) 3E219T-44	N/A	(28)	
(4) 3E219T-47	N/A	(29)	
(5) 3E219T-48	N/A	(30)	
(6) 3E219T-49	N/A	(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

10. Design pressure 160 psi Temp. 340 °F. Hydro. test pressure 800 at temp. °F.
(when applicable)

*Supplemental information in form of lists, sketches or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 2 and 3 on this data report is included on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of this form, and (4) each additional sheet shall be signed by the Certificate Holder and the ASME.
 This form (E00040) may be obtained from the Order Dept. ASME, 346 E. 47th St., New York, N.Y. 10017
 (6/R3)

CERTIFICATE OF DESIGN

Design specifications certified by John R. Schriedel P. E. state PA Reg. no. 19870E
Design report* certified by _____ P. E. state _____ Reg. no. _____
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Balls
conform to the rules of construction of the ASME Code, Section III.

ASME Certificate of Authorization no. 1935 Expires 11-18-86

Date 6-3-86 Name Contromatics Signed Thomas W. Harrison
(NPT Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP 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 Conn and employed by Lumbermans Mutual Co.
of Long Grove ILL. have inspected these items described in this data report on 6-3-86, and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 6-3-86 Signed Paul Arroy Commissions CK 548
(Authorized Inspector) (National Bd (incl endorsements) state or province no.)

WIP ORDER 5030524

SALES ORDER NO 2025565

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

**As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production**

Pg. 1 of 1

1. Manufactured and certified by YARWAY CORPORATION, 480 NORRISTOWN ROAD, BLUE BELL, PA 19422-0760
(name and address of NPT Certificate Holder)
2. Manufactured for FRAMATOME TECHNOLOGIES, LYNCHBURG, VA 24508
(name and address of purchaser)
3. Location of installation STOCK
(name and address)
4. Type 969155-06 AMS5385E (disc) 52,000 PSI MIN. N/A 2000
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III: 1988 NONE 1
(edition) (addenda date) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) — Revision — Date —
(no.)
7. Remarks: FABRICATED IN ACCORDANCE WITH CONSTRUCTION DATA 969005 REV. A, PRESSURE RETAINING PARTS FOR YARWAY SERIES 5500 GLOBE VALVE. THE OWNER OR THEIR DESIGNEE SHALL BE RESPONSIBLE FOR RECONCILING THIS CONSTRUCTION DATA WITH THE DESIGN SPECIFICATION FOR THE FACILITY USING THE PARTS.
8. Nom. thickness (in.) — Min. design thickness (in.) — Dia. ID (ft. & in.) — Length overall (ft. & in.) —
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) TEZG-C1 /	—	(26)	
(2) TEZG-C2 /		(27)	
(3) TEZG-C3 /		(28)	
(4) TEZG-C4 /		(29)	
(5) TEZG-C5 /		(30)	
(6) TEZG-C8 /		(31)	
(7) TEZG-C7 /		(32)	
(8) TEZG-C8 /		(33)	
(9) TEZG-C9 /		(34)	
(10) TEZG-C10 /		(35)	
(11) TEZG-c11 /		(36)	
(12) TEZG-C12 /		(37)	
(13) TEZG-C13 /		(38)	
(14) TEZG-C14 /		(39)	
(15) TEZG-C15 /		(40)	
(16) TEZG-C16 /		(41)	
(17) TEZG-C17 /		(42)	
(18) TEZG-C18		(43)	
(19) TEZG-C19		(44)	
(20) TEZG-C20		(45)	
(21) TEZG-C21		(46)	
(22) TEZG-C22		(47)	
(23) TEZG-C23		(48)	
(24) AV94-D1		(49)	
(25) 91-11-1G-F1		(50)	

FTI
OP SUP
PBG

10. Design pressure — psi. Temp. — °F Hydro. test pressure N/A at temp. °F
**FOR ANSI CLASS 1500 VALVES (when applicable)

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

(12/88) This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

PAGE 7 OF 29

FORM N-2 (back)

Mfr. Serial No. SEE FRONT

CERTIFICATION OF DESIGN

Design specifications certified by (SEE REMARKS) P.E. State _____ Reg. no. _____
(when applicable)
Design report certified by N/A P.E. State _____ Reg. no. _____
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) STEM AND DISC ASSEMBLIES, 1 INCH
conforms to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization No. N-2450 Expires November 14, 2001
Date 6/23/00 Name YARWAY CORPORATION Signed [Signature]
(NPT Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of
PENNSYLVANIA and employed by FACTORY MUTUAL INSURANCE COMPANY
of Johnston, RI have inspected these items described in this Data Report on 06/23/00
and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the
ASME Code, Section III. Each part listed has been authorized for stamping on the data shown above.
By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in
this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or
loss of any kind arising from or connected with this inspection.

Date 06/23/00 Signed [Signature] Commissions PA2389 'N'
(Authorized Inspector) (Natl. Bd. [incl. endorsements] state or prov. and no.)



FORM R-1 REPORT OF WELDED REPAIR
in accordance with provisions of the National Board Inspection Code

1. Work performed by PPL Susquehanna, LLC 01-264-001
(name of repair organization) (Form R No.)
707 Salem Blvd, Berwick, PA 18603 226492
(address) (P.O. No., Job No. etc.)

2. Owner PPL Susquehanna, LLC
(name)
Two North Ninth Street, Allentown, PA 18101-1179
(address)

3. Location of installation Susquehanna Steam Electric Station
(name)
707 Salem Blvd, Berwick, PA 18603
(address)

4. Unit identification Press Vessel Name of original manufacturer American Standard
(boiler, pressure vessel)

5. Identifying nos.: 87M-98652-01-1 NB38034 PA480736 2E126B 1973
(mfg serial no.) (National Board No.) (jurisdiction no.) (other) (year built)

6. NBIC Edition/Addenda: 1998 1999
(edition) (addenda)
Original Code of Construction for Item: ASME Section VIII, Div 1 1971 Edition / Winter 1973 Addenda
(name/section/division) (edition/addenda)
Construction Code Used for Repair Performed: ASME Section VIII, Div 1 1971 Ed / Winter 1973 Ad
(name/section/division) (edition/addenda)

7. Description of work: Repair 3/4" channel drain nozzle weld due to erosion.
(use supplemental sheet, Form R-4, if necessary)

Pressure Test, if applied N/A psi MAWP 150 psi

8. Replacement Parts: Attached are Manufacturer's Partial Data Reports or Form R-3s properly completed for the following items of this report:
NONE

9. Remarks: "ROUTINE REPAIR"
(name of part, item number, data report type, mfr's name and identifying stamp)

CERTIFICATE OF COMPLIANCE

I, EDWARD B GERLACH, certify that to the best of my knowledge and belief the statements in this report are correct and that all material, construction, and workmanship on this Repair conforms to the National Board Inspection Code.
National Board "R" Certificate of Authorization No. 5449 expires on 03-Nov-2002
Date 06/01, 2001 PPL SUSQUEHANNA LLC Signed Edward B Gerlach
(name of repair organization) (authorized representative)

CERTIFICATE OF INSPECTION

I, DAVID DAULLAY, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of Pennsylvania and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the work described in this report on APRIL 22, 2001 and state that to the best of my knowledge and belief this work complies with the applicable requirements of the National Board Inspection Code.
By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.
Date JUNE 22, 2001 Signed David Daullay Commissions NB 7525 IBNA PA2159

FORM R-1 REPORT OF WELDED REPAIR
in accordance with provisions of the National Board Inspection Code

1. Work performed by PPL Susquehanna, LLC 01-247-007
(name of repair organization) (Form R No.)
Two North Ninth St., Allentown, PA 18101 107697
(address) (P.O. No., Job No. etc.)

2. Owner PPL Susquehanna, LLC
(name)
Two North Ninth St., Allentown, PA 18101
(address)

3. Location of installation Susquehanna Steam Electric Station
(name)
707 Salem Blvd. Berwick, PA 18603
(address)

4. Unit identification Pressure Vessel Name of original manufacturer Yuba
(boiler, pressure vessel)

5. Identifying nos.: 72-H-715-4-C 3008 PA 480717 2E104C 1976
(mfg serial no.) (National Board No.) (jurisdiction no.) (other) (year built)

6. NBIC Edition/Addenda: 1998 1999
(edition) (addenda)

Original Code of Construction for Item: ASME Sec VIII Div I 1974 Ed Summer 1974 Ad
(name/section/division) (edition/addenda)

Construction Code Used for Repair Performed: ASME Sec VIII Div I 1998 Ed - 2000 Ad
(name/section/division) (edition/addenda)

7. Description of work: Repaired areas of heat exchanger by weld buildup & flush patch.
(use supplemental sheet, Form R-4, if necessary)

Pressure Test, if applied Note 1 psi MAWP 740 psi

8. Replacement Parts: Attached are Manufacturer's Partial Data Reports or Form R-3s properly completed for the following items of this report:

9. Remarks: Note 1: Surface and Volumetric weld examination performed in lieu of hydrostatic test.

CERTIFICATE OF COMPLIANCE	
I, <u>Edward B Gerlach</u> , certify that to the best of my knowledge and belief the statements in this report are correct and that all material, construction, and workmanship on this Repair conforms to the National Board Inspection Code.	
National Board "R" Certificate of Authorization No. <u>5449</u> expires on <u>November 3, 2002</u>	
Date <u>6/1, 2001</u> <u>PPL Susquehanna, LLC.</u> Signed <u>Edward B Gerlach</u> <small>(name of repair organization)</small> <small>(authorized representative)</small>	
CERTIFICATE OF INSPECTION	
I, <u>David Daullay</u> , holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of <u>Pennsylvania</u> and employed by <u>Factory Mutual Insurance Company</u> of <u>Johnston, Rhode Island</u> have inspected the work described in this report on <u>April 23, 2001</u> and state that to the best of my knowledge and belief this work complies with the applicable requirements of the National Board Inspection Code.	
By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.	
Date <u>JUNE 22, 2001</u> Signed <u>David Daullay</u> Commissions <u>NB7525 IBNA PA2159</u> <small>(inspector)</small> <small>(National Board (incl endorsements), and jurisdiction, and no.)</small>	

FORM R-2 REPORT OF ALTERATION
in accordance with provisions of the National Board Inspection Code

1. Work performed by PPL Susquehanna, LLC 01-247-014
(name of repair organization) (Form R No.)
Two North Ninth St., Allentown, PA 18101 279872
(address) (P.O. No., Job No. etc.)

2. Owner PPL Susquehanna, LLC
(name)
Two North Ninth St., Allentown, PA 18101
(address)

3. Location of installation Susquehanna Steam Electric Station
(name)
707 Salem Blvd. Berwick, PA 18603
(address)

4. Unit identification Pressure Vessel Name of original manufacturer Yuba
(boiler, pressure vessel)

5. Identifying nos.: 72-H-715-4-A 3006 PA 480711 2E104A 1976
(mfg serial no.) (National Board No.) (jurisdiction no.) (other) (year built)

6. NBIC Edition/Addenda: 1998 1999
(edition) (addenda)

Original Code of Construction for Item: ASME Sec VIII Div I 1974 Ed Summer 1974 Ad
(name/section/division) (edition/addenda)

Construction Code Used for Alteration Performed: ASME Sec VIII Div I 1998 Ed - 2000 Ad
(name/section/division) (edition/addenda)

7. Description of work: Alteration: Installed reinforcing pad at 2" nozzle by welding
(use supplemental sheet, Form R-4, if necessary)

Pressure Test, if applied NA psi MAWP 740 psi

8. Replacement Parts: Attached are Manufacturer's Partial Data Reports or Form R-3s properly completed for the following items of this report:

(name of part, item number, data report type, mfr's name and identifying stamp)

9. Remarks:

DESIGN CERTIFICATION

I, EDWARD B GERLACH, certify that to the best of my knowledge and belief the statements in this report are correct and that the Design Change described in this report conforms to the National Board Inspection Code.

National Board "R" Certificate of Authorization No. R-5449 expires on 11/3, 2002

Date 6/1, 2001 PPL SUSQUEHANNA, LLC Signed Edward B Gerlach
(name of design organization) (authorized representative)

CERTIFICATE OF DESIGN CHANGE REVIEW

I, DAVID DAULLARY, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of PENNSYLVANIA and employed by FACTORY MUTUAL INSURANCE Co. of JOHNSTON RI have reviewed the design change as described in this report and state that to the best of my knowledge and belief such change complies with the applicable requirements of the National Board Inspection Code.

By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

Date JUNE 22, 2001 Signed David Daullary Commissions NB 7525 IBNA PA 2159
(inspector) (National Board (incl endorsements), and jurisdiction, and no.)

CONSTRUCTION CERTIFICATION

I, EDWARD B GERLACH, certify that to the best of my knowledge and belief the statements in this report are correct and that all material, construction, and workmanship on this Alteration conforms to the National Board Inspection Code.

National Board "R" Certificate of Authorization No. R-5449 expires on 11/3, 2002

Date 6/1, 2001 PPL SUSQUEHANNA, LLC Signed Edward B Gerlach
(name of alteration organization) (authorized representative)

CERTIFICATE OF INSPECTION

I, DAVID DAULLARY, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of PENNSYLVANIA and employed by FACTORY MUTUAL INSURANCE Co. of JOHNSTON RI have inspected the work described in this report on APRIL 23, 2001 and state that to the best of my knowledge and belief this work complies with the applicable requirements of the National Board Inspection Code.

By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

Date JUNE 22, 2001 Signed David Daullary Commissions NB 7525 IBNA PA 2159
(inspector) (National Board (incl endorsements), and jurisdiction, and no.)

FORM R-1 REPORT OF WELDED REPAIR
in accordance with provisions of the National Board Inspection Code

1. Work performed by PPL Susquehanna, LLC 01-247-001, -004, -012
(name of repair organization) (Form R No.)
Two North Ninth St., Allentown, PA 18101 264589
(address) (P.O. No., Job No. etc.)

2. Owner PPL Susquehanna, LLC
(name)
Two North Ninth St., Allentown, PA 18101
(address)

3. Location of installation Susquehanna Steam Electric Station
(name)
707 Salem Blvd. Berwick, PA 18603
(address)

4. Unit identification Pressure Vessel Name of original manufacturer Yuba
(boiler, pressure vessel)

5. Identifying nos.: 72-H-715-3-A 3003 PA 480710 2E103A 1976
(mfg serial no.) (National Board No.) (jurisdiction no.) (other) (year built)

6. NBIC Edition/Addenda: 1998 1999
(edition) (addenda)
Original Code of Construction for Item: ASME Sec VIII Div I 1974 Ed Summer 1974 Ad
(name/section/division) (edition/addenda)
Construction Code Used for Repair Performed: ASME Sec VIII Div I 1998 Ed - 2000 Ad
(name/section/division) (edition/addenda)

7. Description of work: Repaired areas of heat exchanger by weld buildup & flush patch.
(use supplemental sheet, Form R-4, if necessary)

Pressure Test, if applied Note 1 psi MAWP 740 psi

8. Replacement Parts: Attached are Manufacturer's Partial Data Reports or Form R-3s properly completed for the following items of this report:

9. Remarks: Note 1: Surface and Volumetric weld examination performed in lieu of hydrostatic test.
(name of part, item number, data report type, mfr's name and identifying stamp)

CERTIFICATE OF COMPLIANCE

I, Edward B. Borlach, certify that to the best of my knowledge and belief the statements in this report are correct and that all material, construction, and workmanship on this Repair conforms to the National Board Inspection Code.
National Board "R" Certificate of Authorization No. 5449 expires on November 3, 2002
Date 6/1, 2001 PPL Susquehanna, LLC. Signed Edward B. Borlach
(name of repair organization) (authorized representative)

CERTIFICATE OF INSPECTION

I, David Daullay, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of Pennsylvania and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the work described in this report on April 23, 2001 and state that to the best of my knowledge and belief this work complies with the applicable requirements of the National Board Inspection Code.
By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.
Date JUNE 22, 2001 Signed David Daullay Commissions NB 75251BNA PA2159
(inspector) (National Board (incl endorsements), and jurisdiction, and no.)

FORM R-1 REPORT OF WELDED REPAIR
in accordance with provisions of the National Board Inspection Code

1. Work performed by PPL Susquehanna, LLC 01-247-002, -005, -010, -015
(name of repair organization) (Form R No.)
Two North Ninth St., Allentown, PA 18101 264591
(address) (P.O. No., Job No. etc.)

2. Owner PPL Susquehanna, LLC
(name)
Two North Ninth St., Allentown, PA 18101
(address)

3. Location of installation Susquehanna Steam Electric Station
(name)
707 Salem Blvd. Berwick, PA 18603
(address)

4. Unit identification Pressure Vessel Name of original manufacturer Yuba
(boiler, pressure vessel)

5. Identifying nos.: 72-H-715-3-B 3004 PA 480715 2E103B 1976
(mfg serial no.) (National Board No.) (jurisdiction no.) (other) (year built)

6. NBIC Edition/Addenda: 1998 1999
(edition) (addenda)
 Original Code of Construction for Item: ASME Sec VIII Div I 1974 Ed Summer 1974 Ad
(name/section/division) (edition/addenda)
 Construction Code Used for Repair Performed: ASME Sec VIII Div I 1998 Ed - 2000 Ad
(name/section/division) (edition/addenda)

7. Description of work: Repaired areas of heat exchanger by weld buildup & flush patch.
(use supplemental sheet, Form R-4, if necessary)

Pressure Test, if applied Note 1 psi MAWP 740 psi

8. Replacement Parts: Attached are Manufacturer's Partial Data Reports or Form R-3s properly completed for the following items of this report:

(name of part, item number, data report type, mfr's name and identifying stamp)

9. Remarks: Note 1: Surface and Volumetric weld examination performed in lieu of hydrostatic test.

CERTIFICATE OF COMPLIANCE

I, EDWARD B GEXLACH, certify that to the best of my knowledge and belief the statements in this report are correct and that all material, construction, and workmanship on this Repair conforms to the National Board Inspection Code.
 National Board "R" Certificate of Authorization No. 5449 expires on November 3, 2002
 Date 6/1, 2001 PPL Susquehanna, LLC. Signed Edward B Gexlach
(name of repair organization) (authorized representative)

CERTIFICATE OF INSPECTION

I, DAVID DAULLAEY, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of Pennsylvania and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the work described in this report on April 22, 2001 and state that to the best of my knowledge and belief this work complies with the applicable requirements of the National Board Inspection Code.
 By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.
 Date JUNE 22, 2001 Signed David Daullaeay Commissions NB 7525 IBNA PA 2159
(inspector) (National Board (incl endorsements), and jurisdiction, and no.)

FORM R-1 REPORT OF WELDED REPAIR
in accordance with provisions of the National Board Inspection Code

1. Work performed by PPL Susquehanna, LLC 01-247-003, -006, -009, -011, -016
(name of repair organization) (Form R No.)
Two North Ninth St., Allentown, PA 18101 264594
(address) (P.O. No., Job No. etc.)

2. Owner PPL Susquehanna, LLC
(name)
Two North Ninth St., Allentown, PA 18101
(address)

3. Location of installation Susquehanna Steam Electric Station
(name)
707 Salem Blvd. Berwick, PA 18603
(address)

4. Unit identification Pressure Vessel Name of original manufacturer Yuba
(boiler, pressure vessel)

5. Identifying nos.: 72-H-715-3-C 3005 PA 480718 2E103C 1976
(mfg serial no.) (National Board No.) (jurisdiction no.) (other) (year built)

6. NBIC Edition/Addenda: 1998 1999
(edition) (addenda)
Original Code of Construction for Item: ASME Sec VIII Div I 1974 Ed Summer 1974 Ad
(name/section/division) (edition/addenda)
Construction Code Used for Repair Performed: ASME Sec VIII Div I 1998 Ed - 2000 Ad
(name/section/division) (edition/addenda)

7. Description of work: Repaired areas of heat exchanger by weld buildup & flush patch.
(use supplemental sheet, Form R-4, if necessary)

Pressure Test, if applied Note 1 psi MAWP 740 psi

8. Replacement Parts: Attached are Manufacturer's Partial Data Reports or Form R-3s properly completed for the following items of this report:

(name of part, item number, data report type, mfr's name and identifying stamp)

9. Remarks: Note 1: Surface and Volumetric weld examination performed in lieu of hydrostatic test.

CERTIFICATE OF COMPLIANCE

I, EDWARD B GERLACH, certify that to the best of my knowledge and belief the statements in this report are correct and that all material, construction, and workmanship on this Repair conforms to the National Board Inspection Code.
National Board "R" Certificate of Authorization No. 5449 expires on November 3, 2002
Date 6/1, 2001 PPL Susquehanna, LLC Signed Edward B Gerlach
(name of repair organization) (authorized representative)

CERTIFICATE OF INSPECTION

I, DAVID DAULLAR, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of Pennsylvania and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the work described in this report on April 23, 2001 and state that to the best of my knowledge and belief this work complies with the applicable requirements of the National Board Inspection Code.
By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.
Date JUNE 22, 2001 Signed David Daullar Commissions NB 2525 IBNA PA 2159
(inspector) (National Board (incl endorsements), and jurisdiction, and no.)

FORM R-1 REPORT OF WELDED REPAIR
in accordance with provisions of the National Board Inspection Code

1. Work performed by PPL Susquehanna, LLC 01-247-008, -013
(name of repair organization) (Form R No.)
Two North Ninth St., Allentown, PA 18101 279872
(address) (P.O. No., Job No. etc.)

2. Owner PPL Susquehanna, LLC
(name)
Two North Ninth St., Allentown, PA 18101
(address)

3. Location of installation Susquehanna Steam Electric Station
(name)
707 Salem Blvd. Berwick, PA 18603
(address)

4. Unit identification Pressure Vessel Name of original manufacturer Yuba
(boiler, pressure vessel)

5. Identifying nos.: 72-H-715-4-A 3006 PA 480711 2E104A 1976
(mfg serial no.) (National Board No.) (jurisdiction no.) (other) (year built)

6. NBIC Edition/Addenda: 1998 1999
(edition) (addenda)
 Original Code of Construction for Item: ASME Sec VIII Div I 1974 Ed Summer 1974 Ad
(name/section/division) (edition/addenda)
 Construction Code Used for Repair Performed: ASME Sec VIII Div I 1998 Ed - 2000 Ad
(name/section/division) (edition/addenda)

7. Description of work: Repaired areas of heat exchanger by weld buildup & flush patch.
(use supplemental sheet, Form R-4, if necessary)

Pressure Test, if applied Note 1 psi MAWP 740 psi

8. Replacement Parts: Attached are Manufacturer's Partial Data Reports or Form R-3s properly completed for the following items of this report:

9. Remarks: Note 1: Surface and Volumetric weld examination performed in lieu of hydrostatic test.
(name of part, item number, data report type, mfr's name and identifying stamp)

CERTIFICATE OF COMPLIANCE

I, EDWARD B GERLACH, certify that to the best of my knowledge and belief the statements in this report are correct and that all material, construction, and workmanship on this Repair conforms to the National Board Inspection Code.
 National Board "R" Certificate of Authorization No. 5449 expires on November 3, 2002
 Date 6/1, 2001 PPL Susquehanna, LLC. Signed Edward B Gerlach
(name of repair organization) (authorized representative)

CERTIFICATE OF INSPECTION

I, DAVID DAULLAE, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of Pennsylvania and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the work described in this report on APRIL 23, 2001 and state that to the best of my knowledge and belief this work complies with the applicable requirements of the National Board Inspection Code.
 By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.
 Date JUNE 23, 2001 Signed David Daullae Commissions NB 75257BNA PA2659
(inspector) (National Board (incl endorsements), and jurisdiction, and no.)

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

1. Owner PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 06/22/2001
 Sheet 1 of 1

2. Plant Susquehanna Steam Electric Station
Name
PO Box 467 / 707 Salem Blvd, Berwick, PA 18603
Address

Unit TWO
PCWO # 324497, CRF # 01-293-001
Repair Organization P.O. No., Job No., etc.

3. Work Performed by PPL Susquehanna, LLC
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System EMERGENCY TRIP SYSTEM, 293G, CLASS 2.

5. (a) Applicable Construction Code ASME SecIII * 19 74 Edition, thru W'74 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 (* SEE REMARKS SECTION 9)

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)
1) STEM/DISC ASSEMBLY	YARWAY	5892	N/A	1RV-PDT-20101A	1976	REPLACED	YES
2) STEM/DISC ASSEMBLY	YARWAY	TEZG-C6	N/A	1RV-PDT-20101A	2000	REPLACEMENT	YES
3) BACKSEAT BUSHING	YARWAY	5892	N/A	1RV-PDT-20101A	1976	REPLACED	YES
4) BACKSEAT BUSHING	YARWAY	HT # 5293	N/A	1RV-PDT-20101A	1984	REPLACEMENT	NO

7. Description of Work Replace valve Stem/Disc and Backseat Bushing

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure (* NON-VT-2 Per MI-PS-008)
 Other Pressure _____ psi Test _____ °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 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 MANUFACTURER'S DATA REPORTS ARE ATTACHED. REPLACEMENT PARTS FOR
Applicable Manufacturer's Data Reports to be attached
YARWAY VALVES, CODE OF CONSTRUCTION : ASME Sec III 1986 ED NO ADD.

CERTIFICATION 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 _____ N/A

Signed [Signature] Date Jun 22, 2001
Owner or Owner's Designer, Title Supv. - Site Modifications Group

CERTIFICATION 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 FACTORY MUTUAL INSURANCE CO. of JOHNSTON, RHODE ISLAND have inspected the components described in this Owner's Report during the period APRIL 6, 2001 to APRIL 23, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB 7525 IBNA PA 2159
Inspector's Signature National Board, State, Province, and Endorsements

Date JUNE 26 2001