

INSERVICE INSPECTION

OUTAGE SUMMARY REPORT

Pennsylvania Power & Light Company
Two North Ninth Street
Allentown, PA 18101-1179

COVER PAGE

Susquehanna Steam Electric Station
P.O. Box 467
Berwick, PA 18603

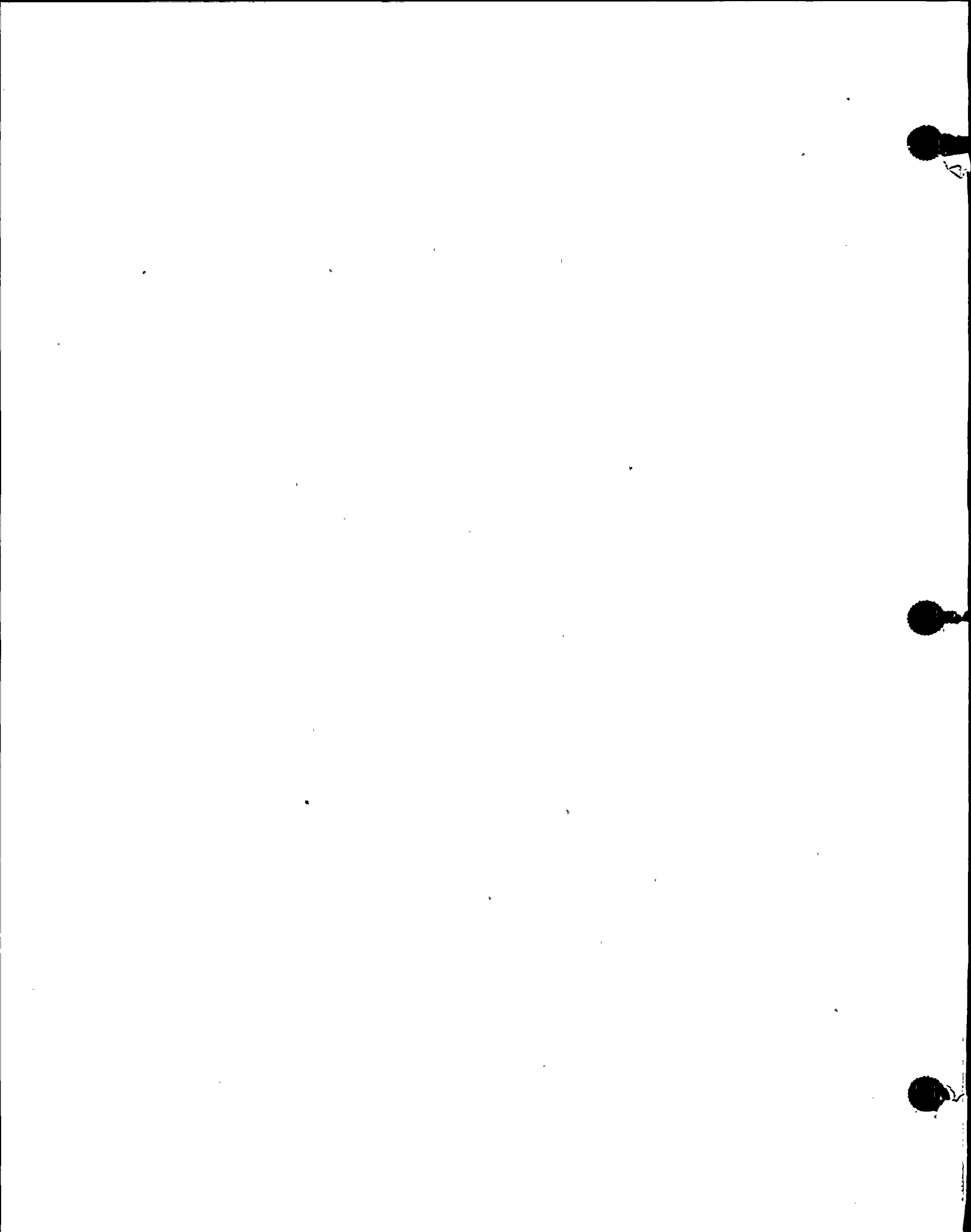
UNIT 2-7TH REFUEL OUTAGE

COMPLETION DATE - December 29, 1995

COMMERCIAL SERVICE DATE - February 12, 1985

COPY
BOOK 1 OF 1

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INSERVICE INSPECTION

Docket # 50-288

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Date 1/12/96 of Ltr

Regulatory Docket File

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SUSQUEHANNA STEAM ELECTRIC STATION

Pennsylvania Power and Light Company

UNIT 2 SEVENTH REFUELING AND INSPECTION OUTAGE

*INSERVICE INSPECTION
OUTAGE SUMMARY REPORT*

Prepared By:

Richard S. O'Connell
ISI Engineer

Approved By:

Gene Hensley
V.P. Nuclear Operations

Report Prepared: December 27, 1995

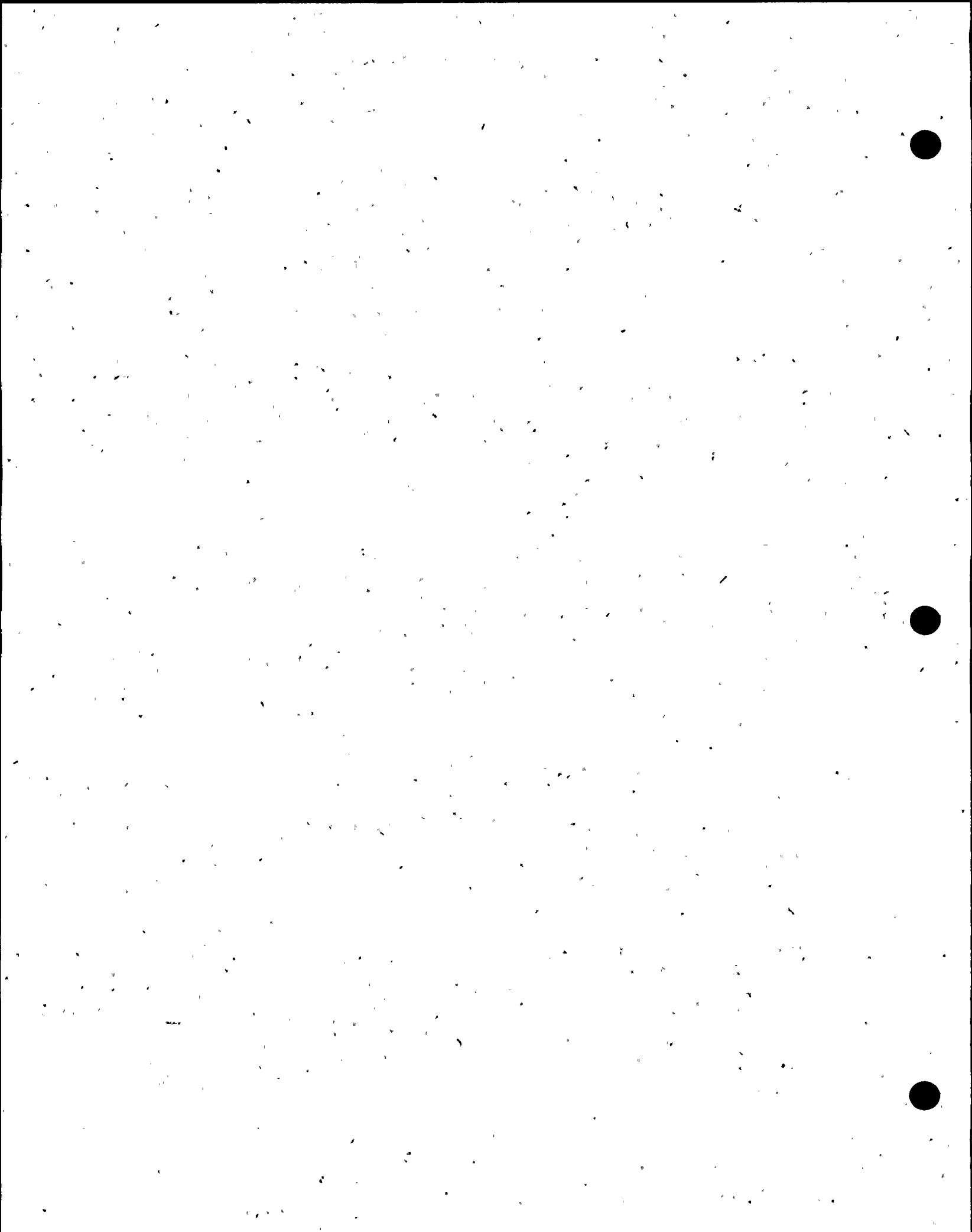
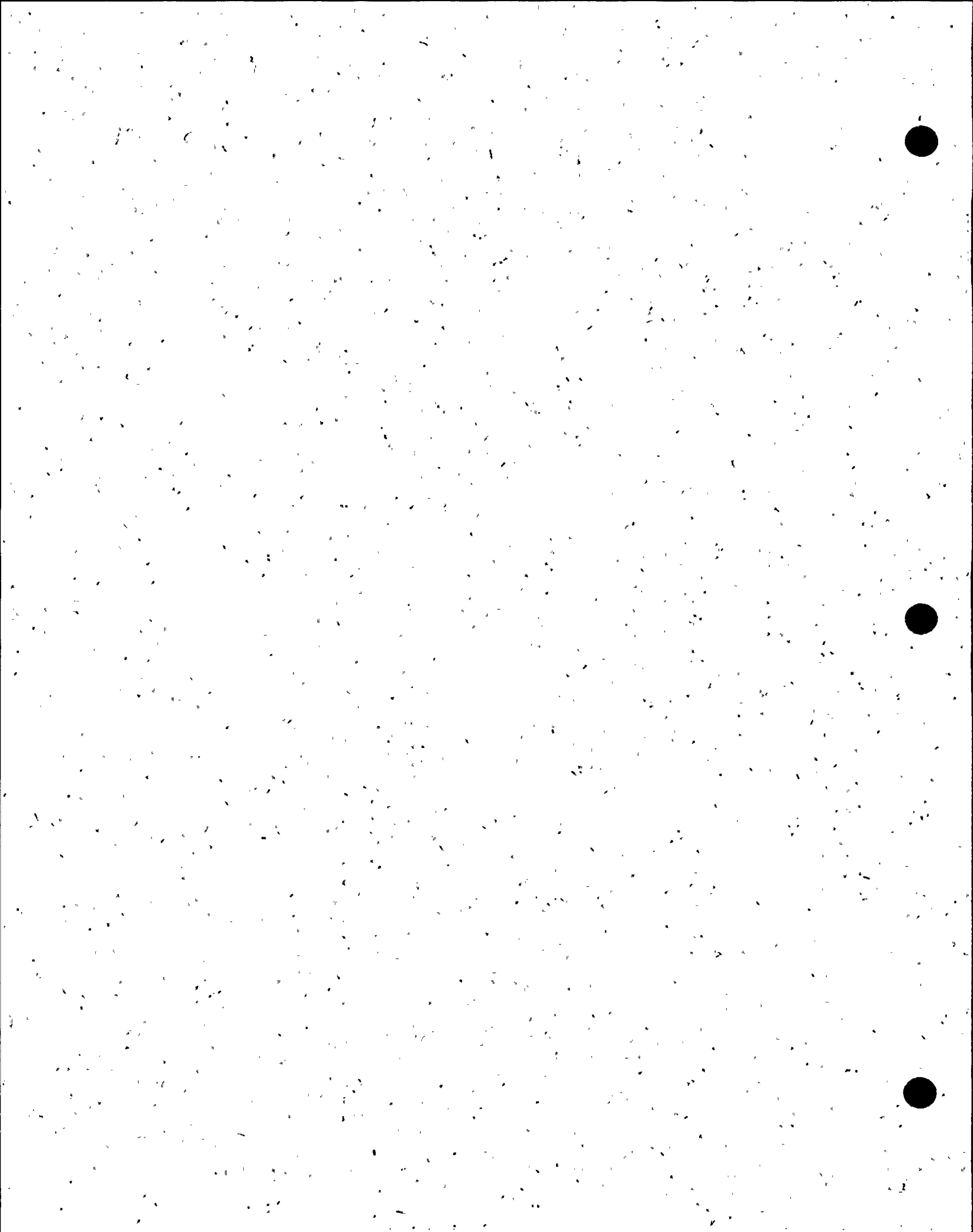


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FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

PENNSYLVANIA POWER AND LIGHT COMPANY
TWO NORTH 9th STREET, ALLENTOWN, PA 18101

1. Owner _____ (Name and Address of Owner)
SUSQUEHANNA STEAM ELECTRIC STATION, RT. 11, BERWICK, PA 18603
2. Plant _____ (Name and Address of Plant)
3. Plant Unit TWO 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 2/12/85 6. National Board Number for Unit N/A
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
RHRSW	BECHTEL	0-16A	N/A	N/A
FPC	BECHTEL	0-35B	N/A	N/A
ESW	BECHTEL	0-54A,B	N/A	N/A
RHRSW	BECHTEL	2-16A	N/A	N/A
FPC	BECHTEL	2-35B	N/A	N/A
FEEDWATER	BECHTEL	2-45A	N/A	N/A
RHR	BECHTEL	2-49A,B,D,E,F,G	N/A	N/A
RCIC	BECHTEL	2-50B,C	N/A	N/A
CORE SPRAY	BECHTEL	2-51A	N/A	N/A
HPCI	BECHTEL	2-52A,B	N/A	N/A
SBLC	BECHTEL	2-53A	N/A	N/A
ESW	BECHTEL	2-54A	N/A	N/A
CRD	BECHTEL/NISCO	2-55B	N/A	N/A
RWCU	BECHTEL	2-61B	N/A	N/A
RPV	CB&I	B5023	B111230	3686
Nuclear Boiler	BECHTEL	2-62A	N/A	N/A

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 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 NIS-1 (back)

8. Examination Dates 06/11/94 to 10/22/95 9. Inspection Interval from 6/1/94 to 6/1/04

10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. SEE ATTACHED REPORT

11. Abstract of Conditions Noted. SEE ATTACHED REPORT

12. Abstract of Corrective Measures Recommended and Taken
SEE ATTACHED REPORT

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Date 12/27 19 95 Signed PP+L Owner By [Signature] V.P.-Nuclear Operations

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A

CERTIFICATE OF INSERVICE 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 _____ of _____ have inspected the components described in this Owners' Data Report during the period 06/11/94 to 10/22/95 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owners' 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 Dec 27 19 95
[Signature] Commissions NB7866 PAW 24619 AN11
Inspector's Signature National Board, State, Province and No.

* ARKWRIGHT MUTUAL INSURANCE COMPANY
225 WYMAN ST.
WALTHAM, MA 02154

FORM NIS-1 (back)

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Date 12/27 19 95 Signed [Signature] By [Signature]
Owner V.P.-Nuclear Operations

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A

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Date Dec 27 19 95
[Signature] Commissions NB 7866 PA WC 24619 AN11
Inspector's Signature National Board, State, Province and No.

* **ARKWRIGHT MUTUAL INSURANCE COMPANY**
225 WYMAN ST.
WALTHAM, MA 02154

A. INTRODUCTION

This report will document the Inservice Inspection (ISI), test, and repair/replacement activities associated with Susquehanna Steam Electric Station (SSES) Unit 2 for its Seventh fuel cycle. This timeline encompasses work performed from the time of breaker closure after the Unit 2 Sixth Refuel and Inspection Outage up to the time the breaker was closed following the Unit 2 Seventh Refuel and Inspection Outage.

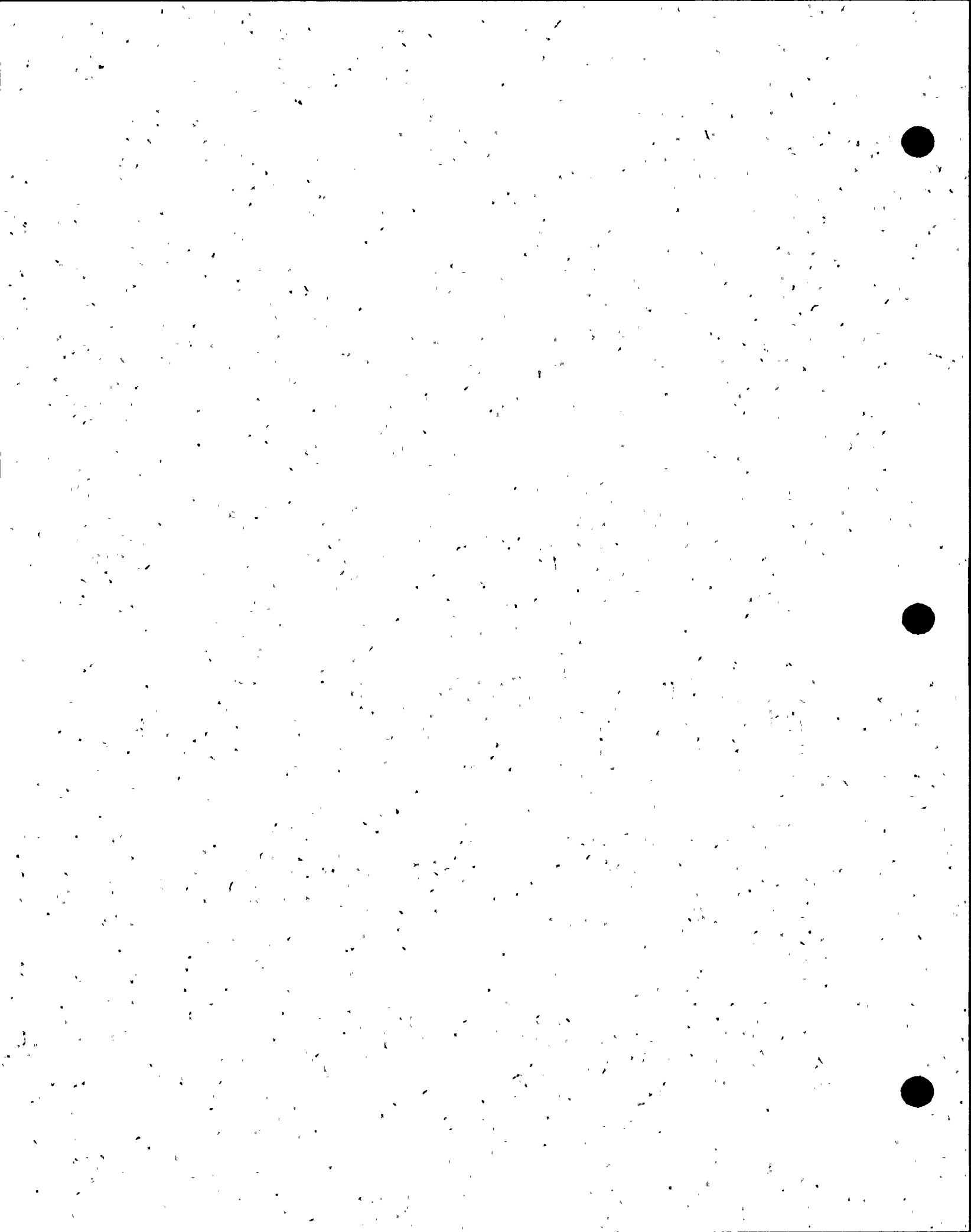
1. SSES Unit 2 began commercial operation on February 12, 1985. The unit was shut down for its seventh refueling and inspection outage on September 13, 1995 at 23:31 hours, sixteen months into the 1st Inspection Period of the Second Ten Year Interval. The refueling outage was completed on October 22, 1995 at 0004 hours (breaker closure).
2. The applicable year and addenda of the ASME Boiler and Pressure Vessel Code, Division 1, Section XI for SSES Unit 2 is the 1989 Edition. PP&L has selected the 10-year inspection interval as prescribed in IWA-2420, Plan B. The current dates for the second Ten Year Interval are:

1 st Period:	June 1, 1994 to June 1, 1997
2 nd Period:	June 2, 1997 to January 1, 2001
3 rd Period:	January 2, 2001 to June 1, 2004

3. This report is divided into the following sections:
 - Piping and Components Examinations
 - Reactor Pressure Vessel Internal Examinations
 - Reactor Pressure Vessel External Examinations
 - System Pressure Tests
 - Snubber Functional Tests
 - Snubber Visual Examinations
 - Erosion/Corrosion Examinations
 - ASME Repairs and Replacements
4. Each of these sections is handled as a separate entity within this report. All required information for each section is included in that section or in the noted appendices. Class 1, 2, and 3 components are included in this report. PP&L has committed to use the Outage Summary Report to transmit the NIS-2 Forms for ASME Section III components and R-1 Forms for ASME Section I, IV or VIII components.
5. The Authorized Nuclear Inservice Inspectors for this Period were:

Charles Mellon
Delton E. Tillery

Arkwright Insurance Co.
225 Wyman Street
Waltham, Massachusetts



B. PIPING AND COMPONENTS EXAMINATIONS

1. Abstract of Examinations

The piping and component examinations were conducted in accordance with Articles IWB, IWC, IWD, and IWF 2000 of ASME Section XI and Code Cases N-460, N-509 and N-524, and the Inservice Inspection Manual.

The NDE contractor for the Unit 2-7RIO was General Electric Co. of Huntersville, North Carolina. One hundred and thirty-eight (138) piping exams were completed during this pre-outage and outage time frame. A detailed listing of the examinations performed this outage and the results are contained in Appendix B.

Twenty-one (21) NUREG-0313 Category C welds were Mechanically Stress Improved (MSIP) by AEA O'Donnell, Pittsburgh, PA. Each weld was volumetrically examined post-MSIP in accordance with NUREG-0313 and no IGSCC was found. (See paragraph 7 for those piping welds stress improved.)

2. Code Compliance Summary

Appendix A provides a list by Code Category and Item of all augmented and Section XI Class 1, 2, and 3 components. This Summary identifies Unit 2-7RIO exam completion percentages in relation to the second interval program commitments.

3. Abstract of Conditions Noted and Corrective Action Taken

One Condition Report (CR #95-469) was initiated during the Unit 2-7RIO against piping inspections. No service related failures were identified.

4. Incomplete Examinations

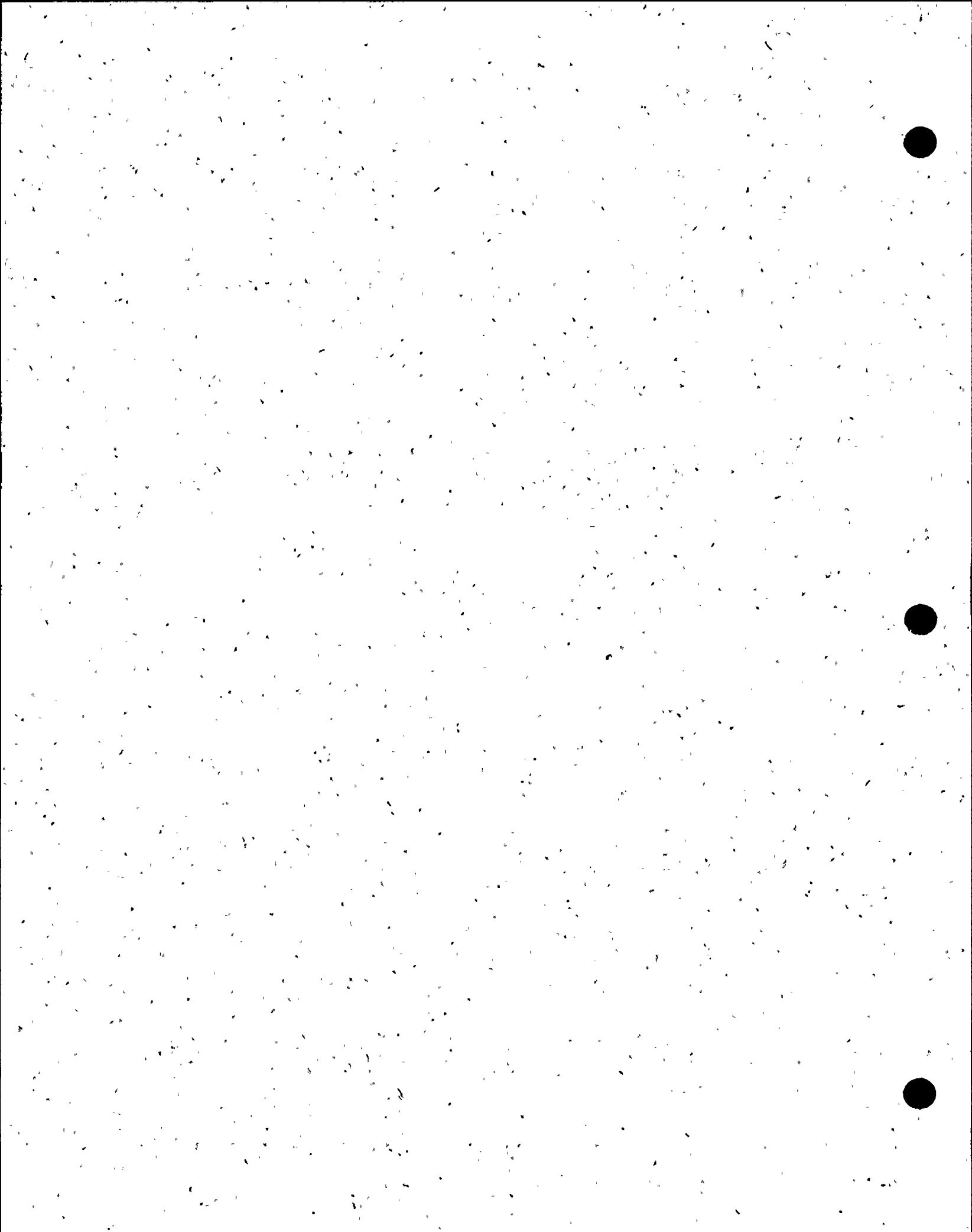
The following table lists three (3) inspections where physical access to the entire component was limited.

COMPONENT	CODE CAT	DESCRIPTION	SYSTEM	COVERAGE
DBB2181-1-A	Aug1/Aug1	Swepolet to Pipe	RWCU/61	50.0%
DBB2213-FW-3	Aug1/Aug1	Valve to Pipe	RCIC/50	90.45%*
VNBB213-FW-C-4	Aug1/B-J	Elbow to Valve	MS/83	81.90%

Note: * Denotes full exam coverage per code case N-460.

5. Applicable Code Cases

Three (3) ASME Code Cases were utilized for Piping Inspections during the Unit 2-7RIO;
 N-460-Alternative Examination Coverage for Class 1 and Class 2 Welds
 N-509-Alternative Rules for the Selection and Examination of Class 1, 2, and 3 Integrally Welded Attachments



N-524-Alternative Examination Requirements for Longitudinal Welds in Class 1 and 2 Piping

Since N-509 and N-524 cases have not yet been accepted by NRC Staff in Regulatory Guide 1.147, Rev. 11 (Code Case Acceptability) examinations of components in accordance with these Code Cases have been performed on a risk basis. ISI Program Credit for affected components will not be taken until N-509/N-524 are approved.

6. Successive Inspections

None in accordance with Section XI Paragraph IWB-2420(b).

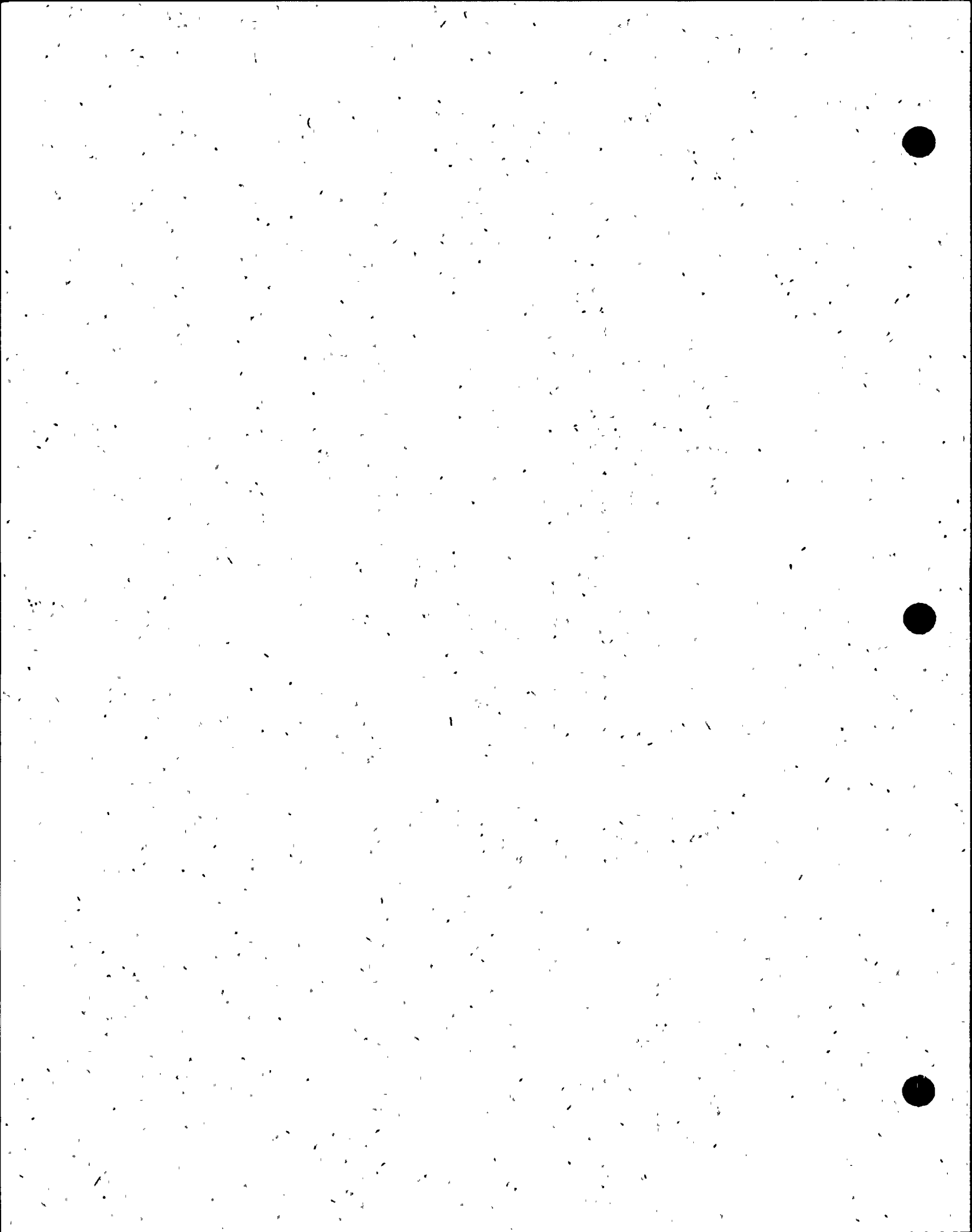
7. Special Examinations

Five (5) piping RHR welds were mechanically stress improved during the Unit 2-7RIO. See following list:

COMPONENT	DESCRIPTION	SIZE	SYSTEM	TYPE EXAM	RESULTS
*DBB2071-1-B	ELBOW TO PIPE	24"	RHR/49A	VOL 45 DEG SHEAR	GEOMETRIC
*DBB2072-1-A	PIPE TO ELBOW	24"	RHR/49B	VOL 45 DEG SHEAR	GEOMETRIC
*DCA2081-FW-11	VALVE TO ELBOW	20"	RHR/49G	VOL 45 DEG SHEAR	GEOMETRIC
DCB2021-FW-4	FL. HEAD TO ELBOW	6"	RHR/49I	VOL 45 DEG SHEAR	GEOMETRIC
*HBB2111-1-A	ELBOW TO REDUCER	20"	RHR/49G	VOL 45 DEG SHEAR	GEOMETRIC

**Automated (SMART 2000) Exams*

All thirty-one (31) NUREG-0313 Category C welds scheduled for MSIP in Unit 2 have been completed and volumetrically inspected. No IGSCC has been found. See Appendix G for entire list.



REACTOR PRESSURE VESSEL INTERNAL EXAMINATIONS

1. Abstract of Examinations

The RPV Internal Visual Examination was performed by General Electric (GE) personnel. GE interpreted the visual examinations real time from the Refueling Bridge. Video tape records were also filmed as part of the visual examinations by GE. RPV Internal Ultrasonic Volumetric Examinations were performed and interpreted by GE. One hundred and eight-five (185) invessel component examinations were performed during the U2-7RIO.

Between the U1-4RIO and U1-5RIO, all invessel components were re-classified to more closely align with code requirements. Components that were previously classified as B-N-1 or B-N-2 categories may now fall into new classifications. Even though the majority of components are non-code, they are treated the same as code components. Each Reactor Vessel component's classification is documented in PP&L Document ISI-T-218.0:

CATEGORY DESCRIPTION

- AUG3 Augmented inspections of feedwater nozzles and spargers per NUREG 0619.
- AUG5 Non-Code volumetric inspections of jet pump hold down beams.
- AUG6 Non-Code visual inspections of RPV internals (including steam dryer).
- AUG7 Non-Code volumetric inspections (excluding jet pump hold down beams).
- B-N-1 Reactor Vessel Interior (Code Inspection).
- B-N-2 Integrally welded core support structures and interior attachments to the reactor vessel (Code Inspection).

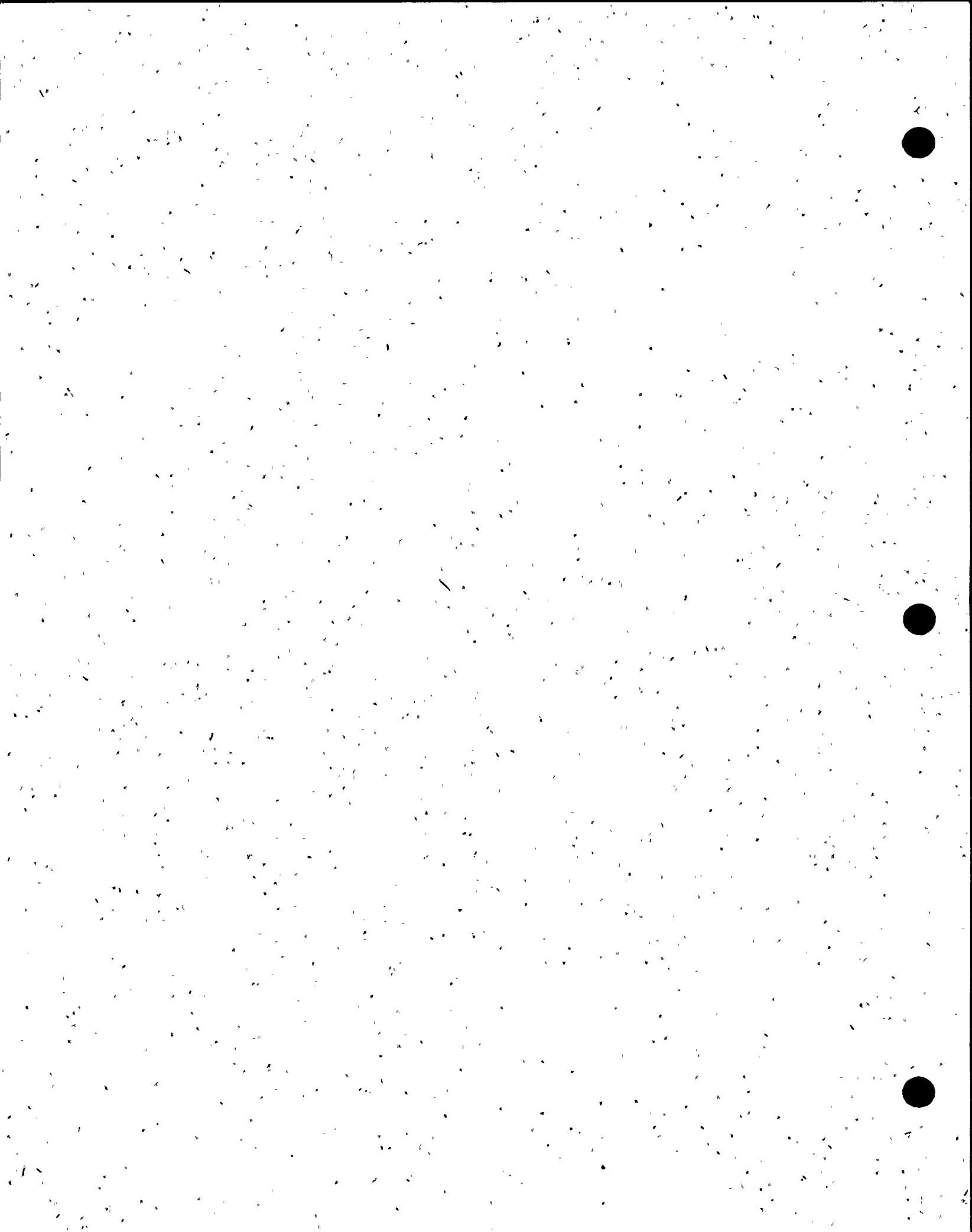
Appendix B provides a detailed listing of the components examined under the above examination categories.

2. Code Compliance Summary

Appendix A provides a breakdown by Code Category and Item for RPV Internal Examinations. This summary includes the total number of selected components for the first second and third period in relation to the First Inspection Interval.

3. Abstract of Conditions Noted and Corrective Actions Taken

There were two (2) Condition Reports (CR's) generated against Invessel ISI Components. The reported nonconformances were corrected or evaluated as acceptable for continued service prior to returning the unit to service.



CR#	COMPONENT	CONDITION	DISPOSITION
95-0425	Steam Dryer	Dryer Cracking at Drain Channel DC-A-3	Rework
95-0461	Shroud Cracking	Five of eight shroud welds were found by ultrasonic examination to be cracked	Use-as-is

4. Incomplete Examinations

There was one incomplete examination during the U2-7RIO due to inaccessibility or scheduling interference.

COMPONENT	COMMENTS	COVERAGE	#EXAMS
Dry Tubes	Five of six scheduled dry tubes examined. Four of the five were inspected on one side.	50%	AUG 6

5. Applicable Code Cases

There were no code cases used during the report period.

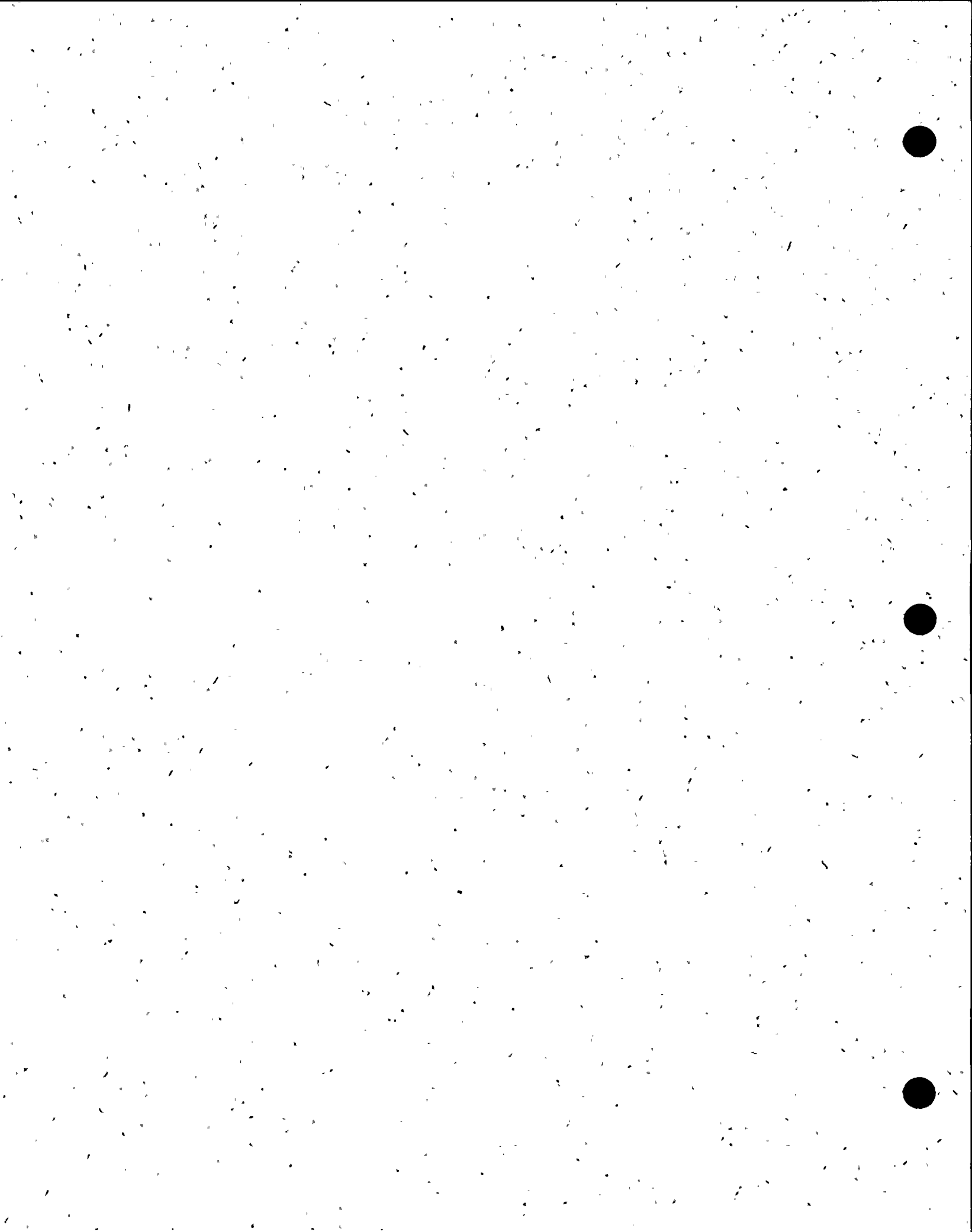
6. Successive Inspections

There were no Code related successive inspections performed per IWB 2420 during the U2-7RIO.

7. Special Examinations

Core Shroud exams were performed in response to the BWR CORE SHROUD INSPECTION AND FLAW EVALUATION GUIDELINES, GENE-523-113-0894. The exams were performed ultrasonically using the General Electric's O.D. Tracker tool. The tool found cracking in five (5) of the eight (8) horizontal welds. An evaluation of the cracking found the Unit was justified for continued operation for at least one additional cycle.

Inspections were performed on Jet Pumps #13 and #14 to ensure the integrity of half clamps installed for Instrument Sensing Line support. These clamps were installed during the Unit #2 6th Refuel Outage after cracking was found between the instrument line and the lower instrument line stand off. No new indications were found.



REACTOR PRESSURE VESSEL EXTERNAL EXAMINATIONS

1. Abstract of Examinations

The RPV External Examinations were conducted in accordance with Section IWB-2500-1 of the ASME Section XI and PP&L Document ISI-T-207.0. One Hundred (100) examinations were performed during the U2-7RIO. The NDE Contractor utilized was General Electric, Huntersville, NC. A detailed listing of the examinations performed are contained in Appendix E. The results of these examinations are imbedded in Appendix B under the applicable code categories.

2. Code Compliance Summary

Section XI, Class 1 RPV components are included in a breakdown by Code Category and Item number in Appendix A. This summary includes percentages for the first, second and third periods in relation to the First Interval.

3. Abstract of Conditions Noted and Corrective Action Taken

There was one (1) CR written against RPV External Exams this outage. It was on CRD Bolting and all bolts were replaced.

4. Incomplete Examinations

There were no examinations that were limited due to configurations or physical obstructions.

5. Applicable Code Cases

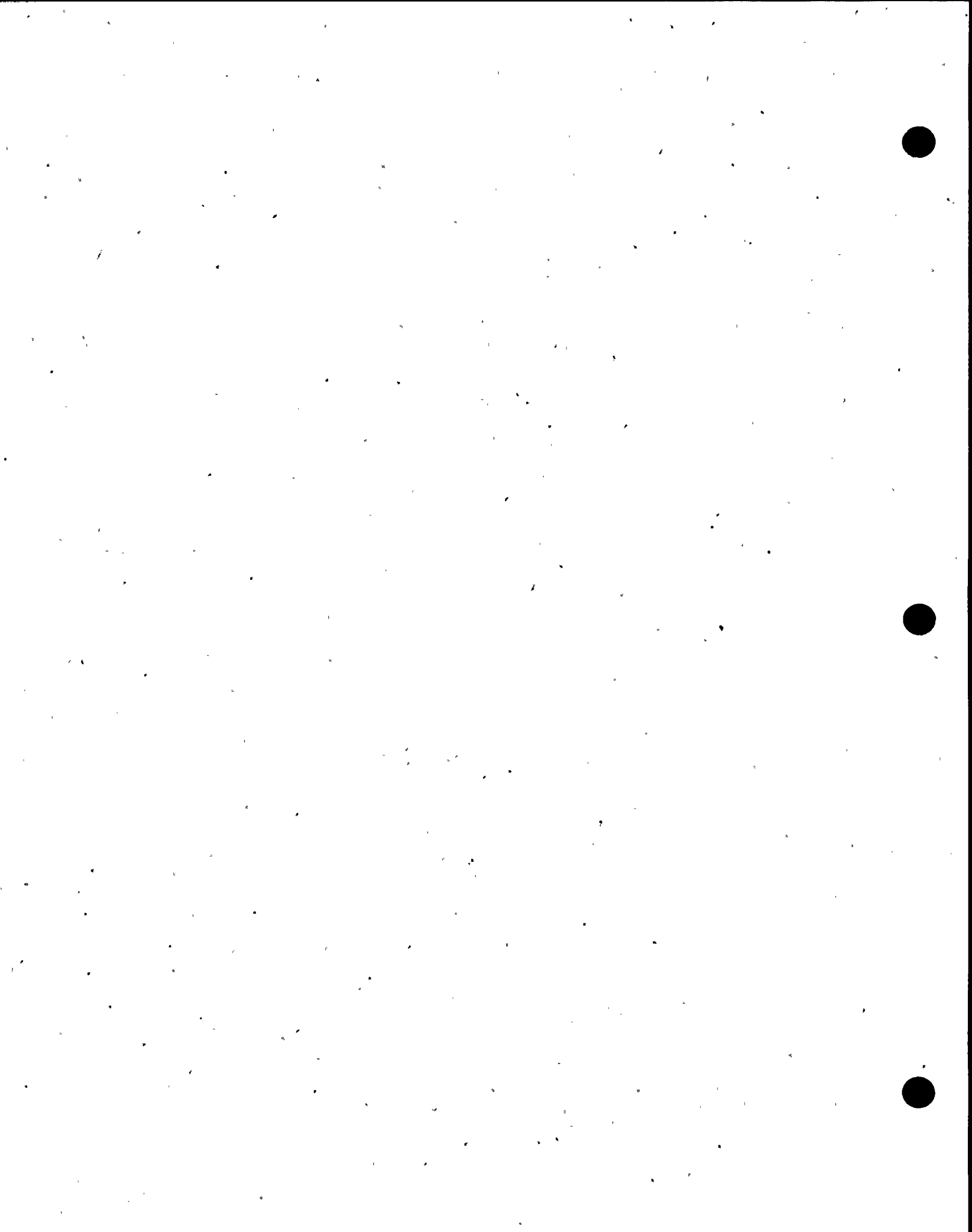
There were no code cases used.

6. Successive Inspections

There were no successive inspections per IWB-2420 performed during the Unit 2-7RIO.

7. Special Examinations

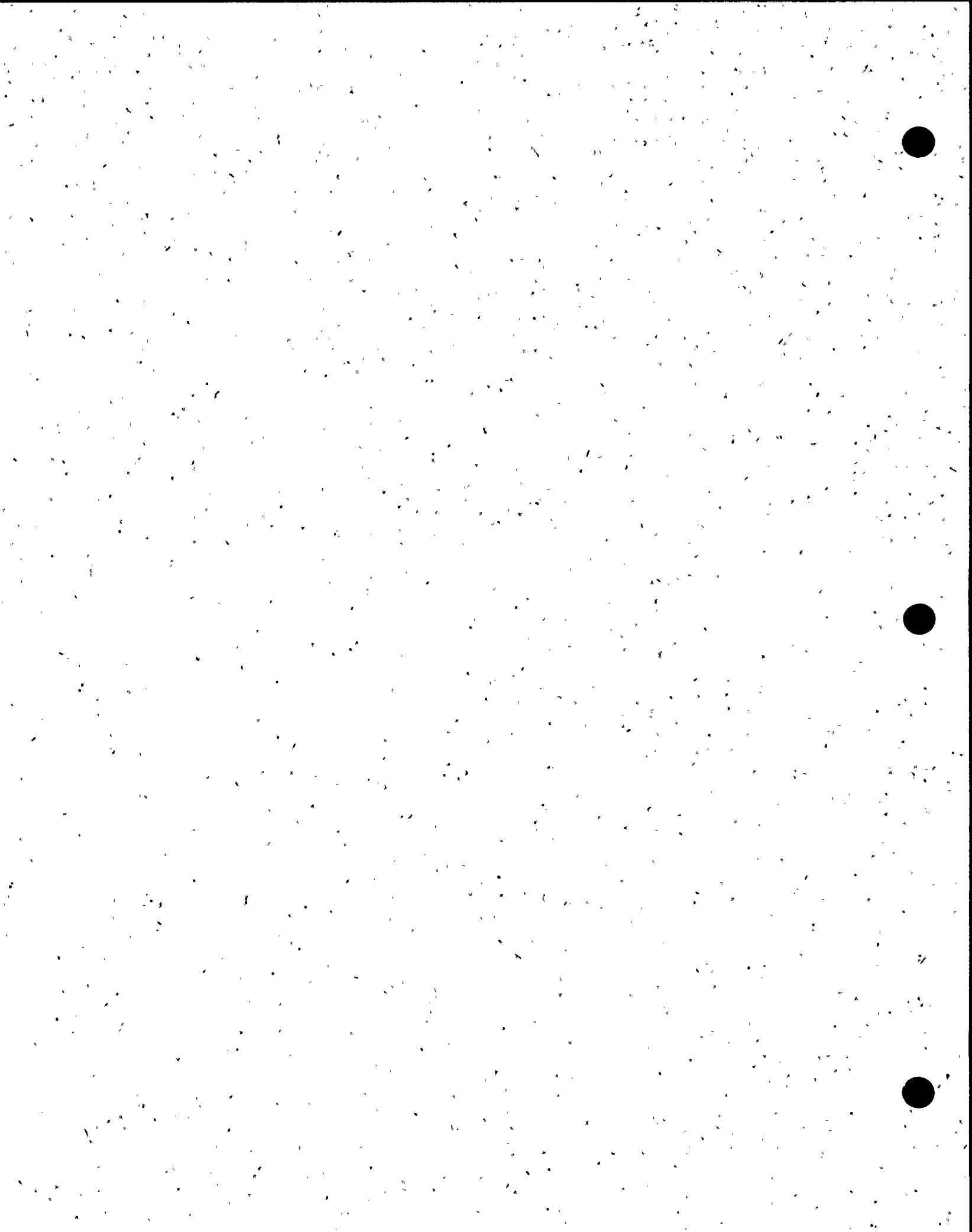
Seven (7) Reactor Recirculation nozzles and two Core Spray Nozzles, were examined using General Electric's Automated "SMART" System:



COMPONENT	DESCRIPTION	SIZE	EXAM	RESULTS
* N1B NOZ-SE	Recirc Suction (CS to SS)	28"	45 Shear 45 & 60 RL	Geometric Indications
* N2B NOZ-SE	Recirc Discharge (CS to SS)	12"	45 Shear 45 & 60 RL	Geometric Indications
* N2C NOZ-SE	Recirc Discharge (CS to SS)	12"	45 Shear 45 & 60 RL	Geometric Indications
* N2D NOZ-SE	Recirc Discharge (CS to SS)	12"	45 Shear 45 & 60 RL	Geometric Indications
* N2E NOZ-SE	Recirc Discharge (CS to SS)	12"	45 Shear 45 & 60 RL	Geometric Indications
* N2G NOZ-SE	Recirc Discharge (CS to SS)	12"	45 Shear 45 & 60 RL	Geometric Indications
*N2H NOZ-SE	Recirc Discharge (CS to SS)	12"	45 Shear 45 & 60 RL	Geometric Indications
*N5A SE-NOZ	CORE SPRAY (SS TO CS)	12"	45 Shear 45 & 60 RL	Geometric Indications
*N5B SE-NOZ	CORE SPRAY (SS TO CS)	12"	45 Shear 45 & 60 RL	Geometric Indications

* These exams are post stress improvement.

NOTE: N8A & B, Jet Pump Instrumentation, and N9, Capped CRD Return were examined manually for Post Stress Improvement.



SYSTEM PRESSURE TESTS

1. Abstract of Tests Conducted

SYSTEM PRESSURE TESTS AND HYDROSTATIC TESTS

TEST BOUNDARY	CLASS	CODE CATEGORY	TEST PROCEDURE
CLASS 1 Boundary (Ref Subject E.5 & E.7)	1	B-P	SE-200-002
PERIODIC INSERVICE & FUNCTIONAL LEAK TEST			
FDW	2	C-H	SE-245-301
RHR	2	C-H	SE-249-301
RCIC	2	C-H	SE-250-301
CORE SPRAY	2	C-H	SE-251-301
HPCI	2	C-H	SE-252-301
SBLC	2	C-H	SE-253-301

Additional Information on the following page.

2. Code Compliance Summary

The above tests fulfill the periodic system pressure test requirements.

3. Abstract of Conditions Noted and Corrective Action Taken

One through wall leak on the Pressure Retaining Boundary of the system was identified. The leak was observed in field weld 1 (FW-1) in SP-DCA-250-1 piping, which is the socket weld joint at valve HV-243F023B stem packing leakoff line. The leakage was observed at 1035 psig test pressure during the SE-200-002 Class 1 Boundary Leakage Test. It was corrected by repair welding controlled by Work Authorization V53752.

Minor mechanical leaks in packing, seals, etc. were found during the inspections. These leaks were documented and corrected by PP&L Maintenance Personnel.

4. Incomplete Examinations

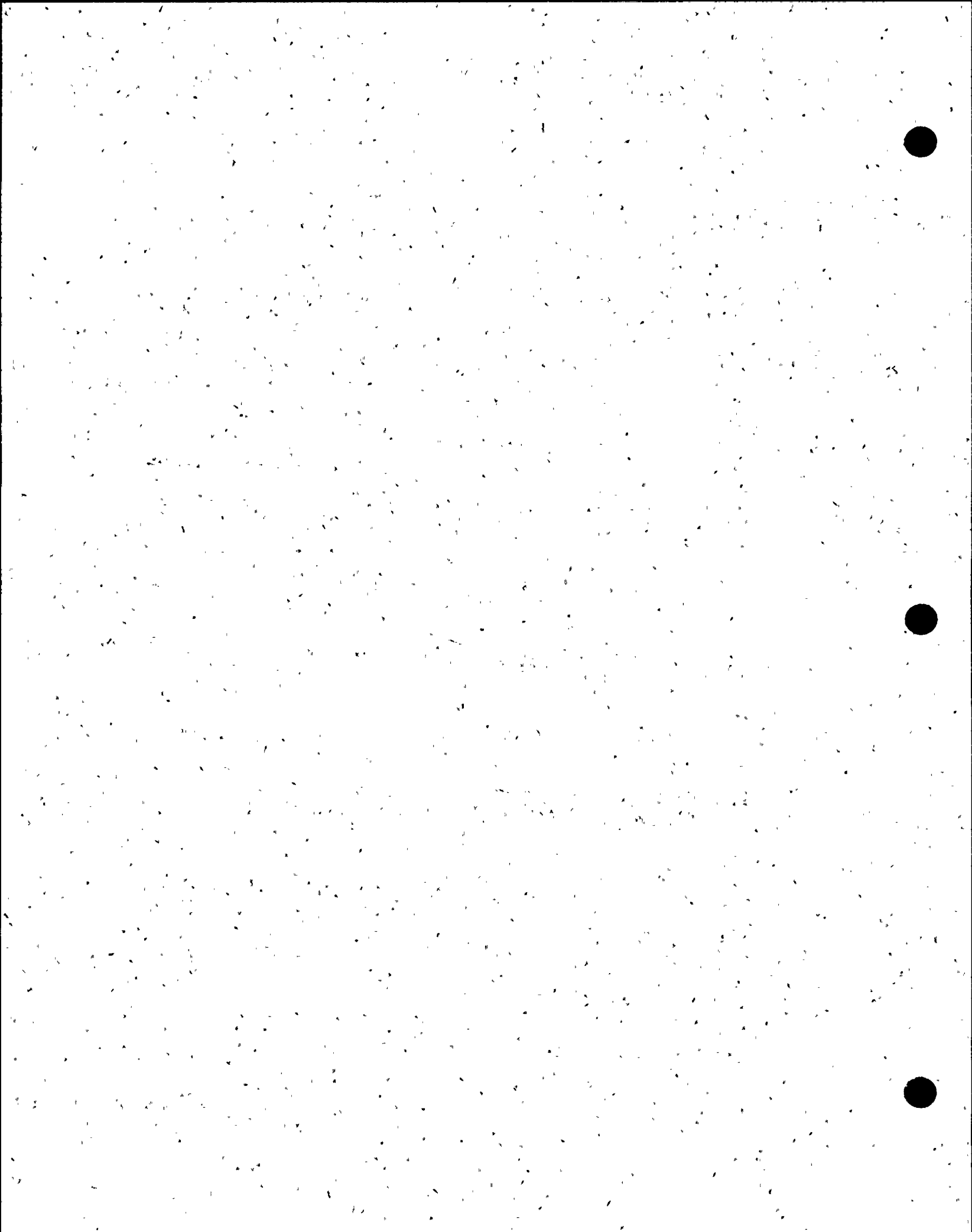
There were no incomplete examinations during the U2-7 RIO.

5. Applicable Code Cases & Relief Requests

No Code Cases were used during this outage.

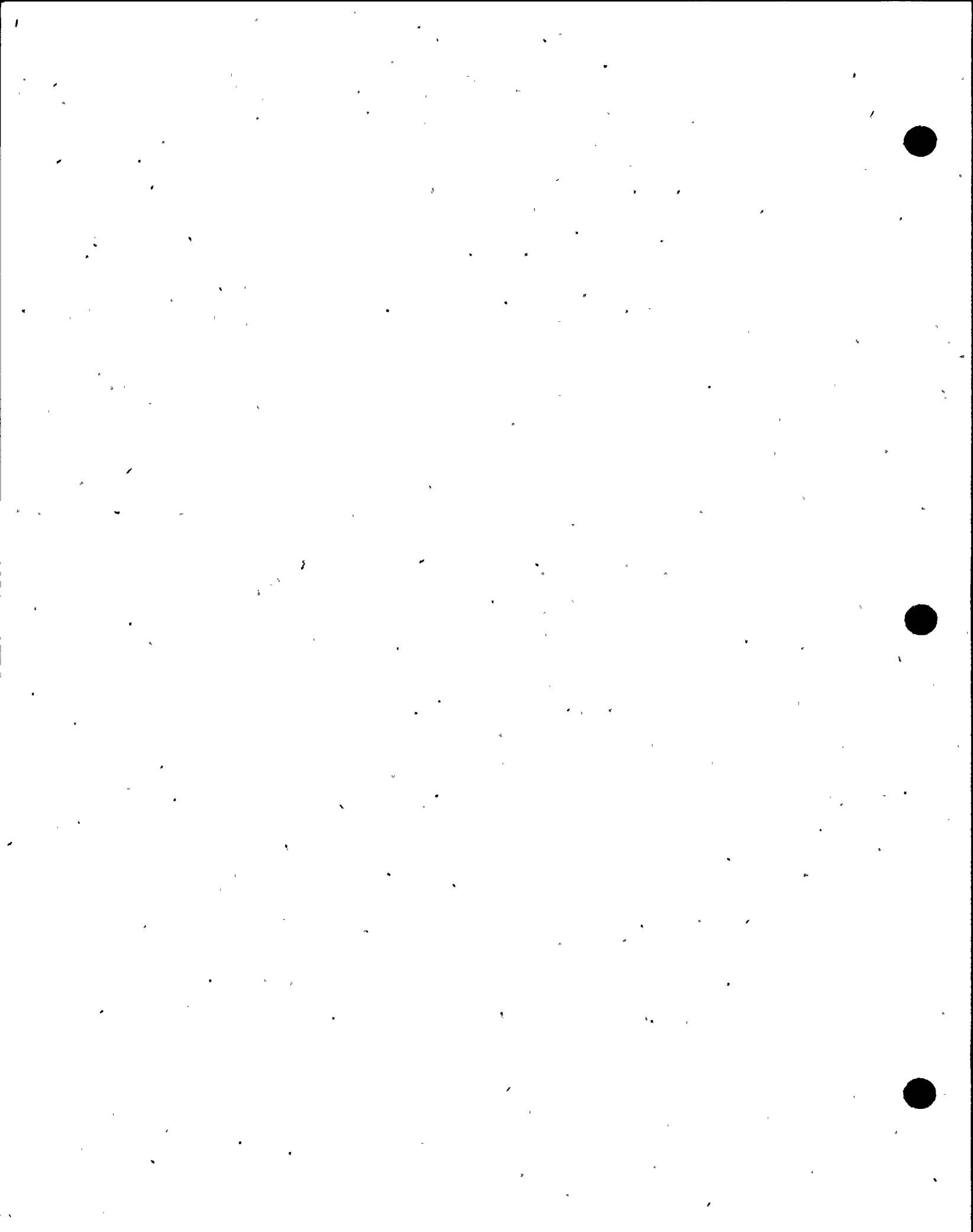
6. Successive Inspections

There were no successive inspections per IWB 2420 (b) performed during the U2-7RIO.



7. Special Examinations

None



F. MECHANICAL SNUBBER FUNCTIONAL TESTS

1. Abstract of Examinations

A total of three hundred and sixty-one (361) mechanical snubbers were functionally tested. All snubbers were manufactured by Pacific Scientific. The contractor utilized was Wyle Testing. The snubbers were selected and tested in accordance with Susquehanna Steam Electric Station Technical Specification 3/4.7.4, Snubbers. PP&L previously submitted relief request #2RR-7 requesting specific relief from the requirements of IWF-5000 in ASME Section XI. This relief request is contained in document ISI-T-206, Inservice Inspection Program Plan First Ten Year Inspection Interval.

2. Code Compliance Summary

Per relief request #2RR-7, the functional testing of snubbers was conducted in accordance with the Plant Technical Specification 3/4.7.4. The requirements of this specification were satisfied.

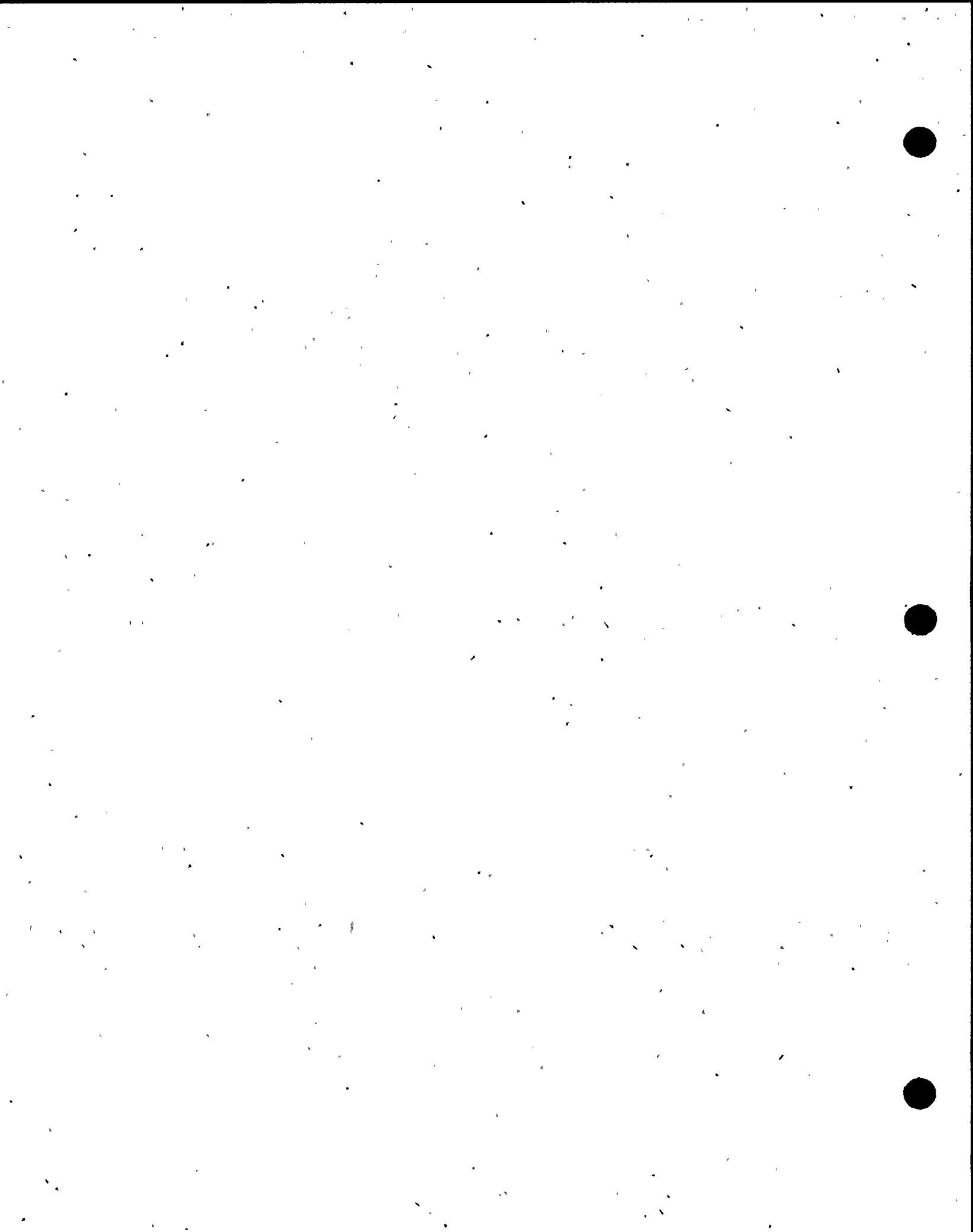
3. Abstract of Conditions Noted and Corrective Actions Taken

a. The testing options allowed by Unit 2 Technical Specifications resulted in snubbers being classified into each size being tested on a 10% Sample plan (4.7.4.e.1)

Size 1/4	Amount in Initial Sample	3
Size 1/2	Amount in Initial Sample	3
Size 1	Amount in Initial Sample	4
Size 3	Amount in Initial Sample	4
Size 10	Amount in Initial Sample	6
Size 35	Amount in Initial Sample	18
Size 100	Amount in Initial Sample	2
Comp Struts	Amount in Initial Sample	<u>1</u>
	TOTAL:	41

Testing of non-Technical Specification Snubbers occurred on a 10% basis.

Size 1	Amount in Initial Sample	1
Size 3	Amount in Initial Sample	2
Size 10	Amount in Initial Sample	2
Size 35	Amount in Initial Sample	3
Size 100	Amount in Initial Sample	<u>1</u>
	TOTAL:	9



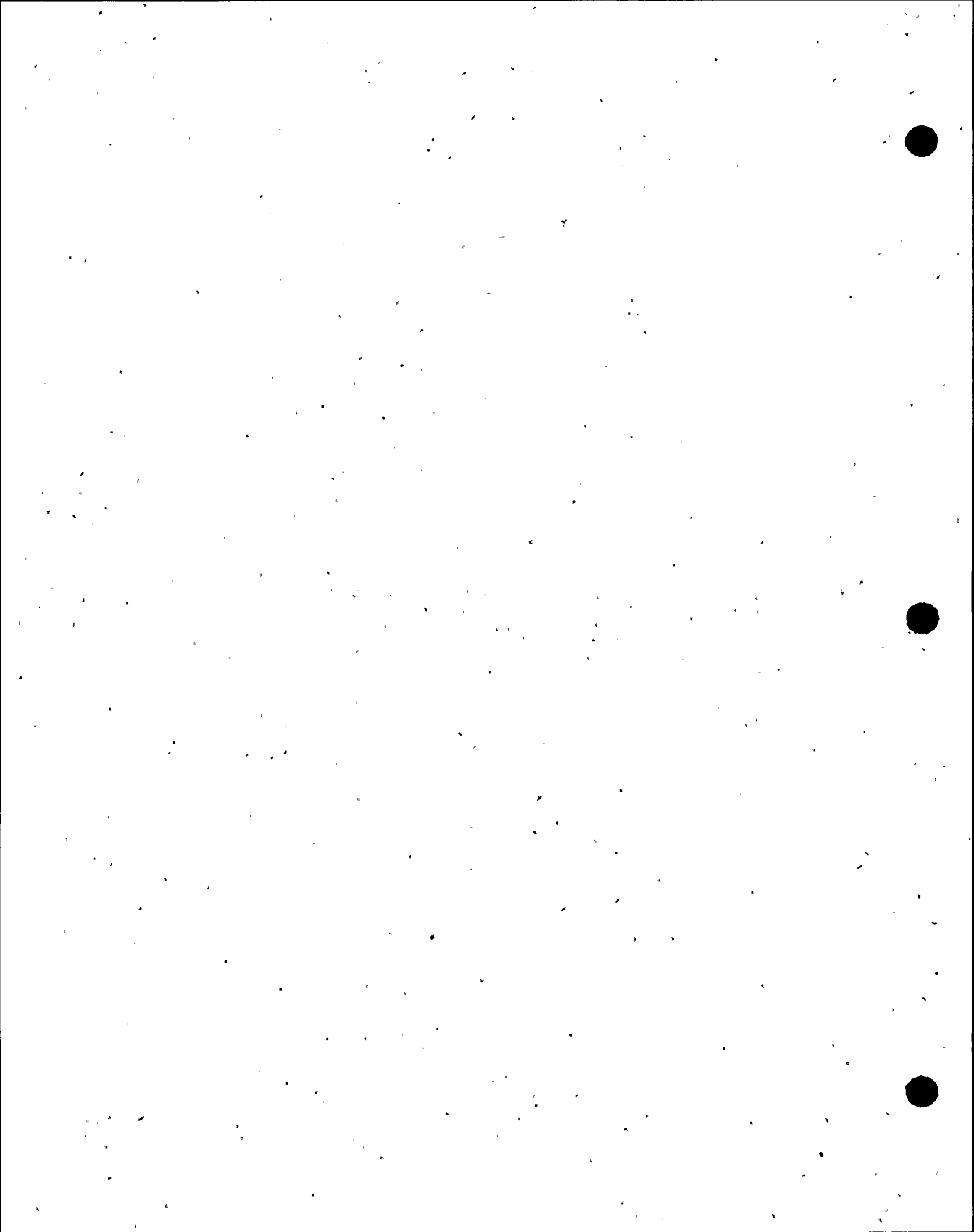
b. The following results were achieved during the testing:

SIZE	TOTAL	#TESTED	#FAILED
1/4	25	17	0
1/2	30	20	0
1	49	11	0
3	57	16	2
10	75	12	0
35	217	37	0
100	27	10	0
.05	5	1	0
.12	4	0	0
Total	489	124	2

c. The snubbers that failed testing were repaired or replaced. In either case, the snubbers (repaired or replaced) were successfully tested prior to their installation.

An engineering evaluation was performed on the piping system for all failed snubbers at their locations. The evaluation concluded that all supported components and piping systems were still capable of meeting their intended design function and service requirements.

d. A reduction program was also performed during this outage. A total of forty (40) snubbers were removed from service and not reinstalled. Each of these snubbers were functionally tested with the acceptable ones becoming spares and the rejected ones either being repaired or scrapped. Also 1 snubber was added to the population by a modification to a non-Tech Spec System.



e.

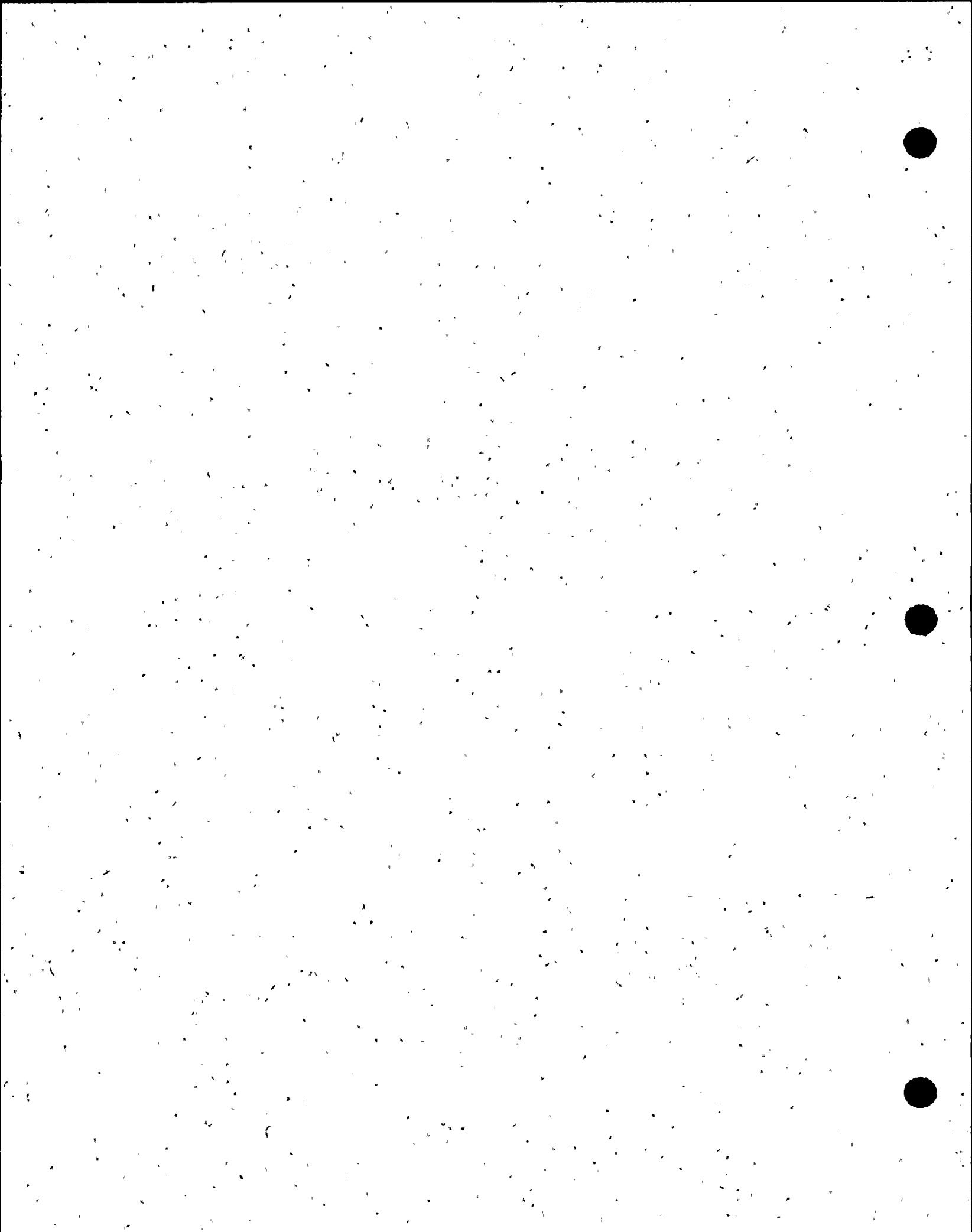
SIZE	STARTING POPULATION	REDUCTION	NEW INSTALLATION	NEW POPULATION
1/4	25	14	0	11
1/2	30	18	0	12
1	49	5	0	44
3	57	2	0	55
10	75	1	0	74
35	217	0	1	218
100	27	0	0	27
COMP STRUT	9	0	0	9
TOTAL	489	40	1	450

4. Detailed Listing

- a. Procedure utilized: MT-AD-595 Rev 2.
- b. Snubbers tested: See tables below and on the next page for a summary of the Category, size, number tested, and number of failures.
- c. The Functional Test Tracking Report lists snubbers that were tested, replaced, or not replaced due to the snubber reduction program (See Appendix C.1).
- d. The NIS-2 Forms for repairs/replacements are listed in Appendix D.4

UNIT 2 - 7th FUNCTIONAL TESTING PLAN

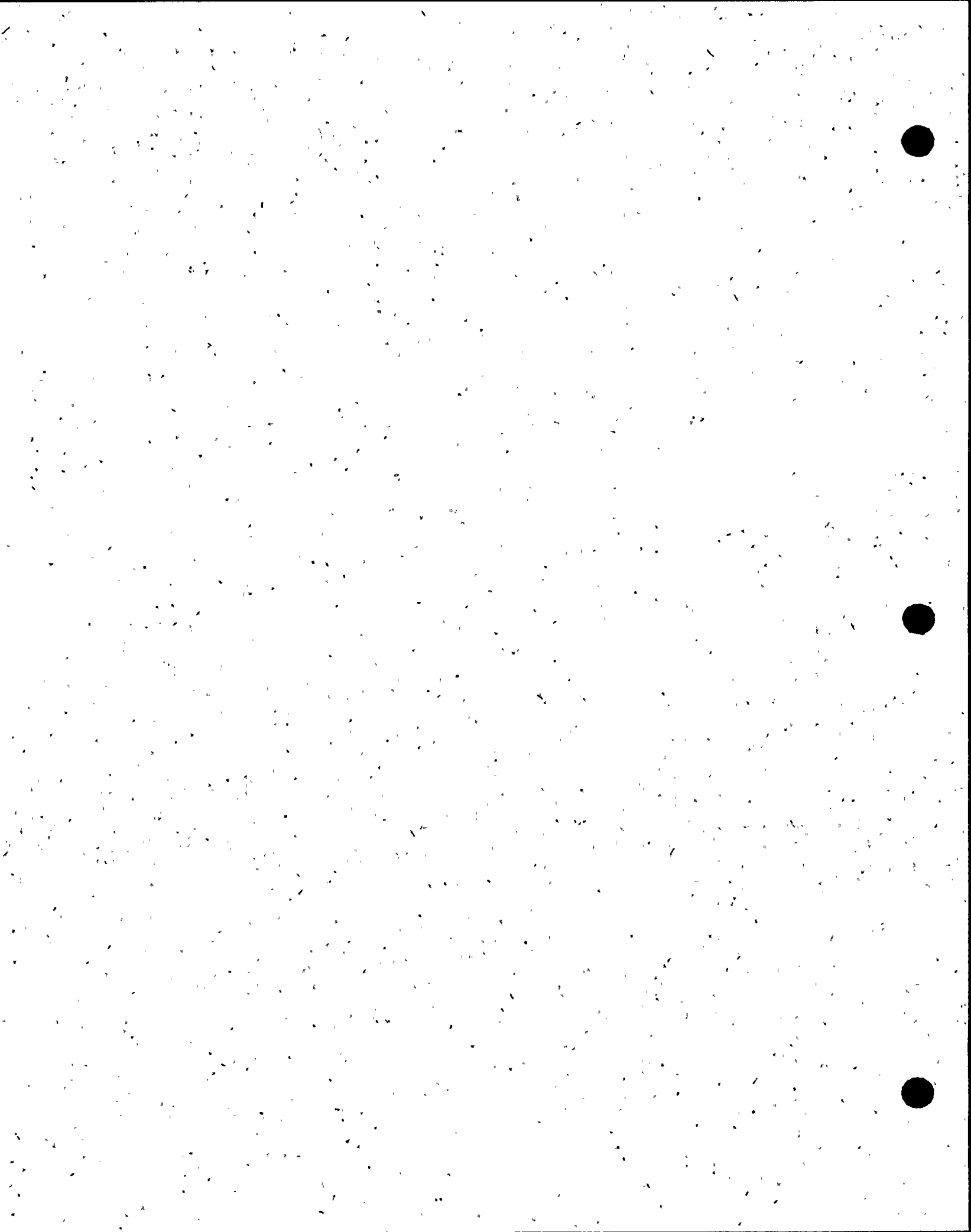
SIZE	POP.	LS.	FAIL	1ST POP	1ST FAIL
1/4	25	3	0	0	0
1/2	30	3	0	0	0
1	39	4	0	0	0
3	37	4	1	4	0
10	59	6	0	0	0
35	193	18	0	0	1
100	25	2	0	0	0
C.S.	9	1	0	0	0
Non Tech Spec	72	9	0	0	0



UNIT 2 - 7RIO
 SNUBBER FUNCTIONAL TESTING SUMMARY

Note: Failure Quantities Shown in ()

SIZE	SCHEDULED TESTS					ADDITIONAL TESTS				TOTAL
	TECH SPEC (Initial Sample)	NON-TECH SPEC (Initial Sample)	PREVIOUS FAILURES	REQUIRED/REQUESTED	SUB-TOTAL	CONTINGENCY TECH SPEC	ELIMINATION	"EXTRA" (Valve Work Interferences etc.)	SUB-TOTAL	
PSA - 1/4	3 (0)	-- (0)	-- (0)	-- (0)	3 (0)	-- (0)	14 (0)	-- (0)	14 (0)	17 (0)
PSA - 1/2	3 (0)	-- (0)	-- (0)	-- (0)	3 (0)	-- (0)	17 (0)	-- (0)	17 (0)	20 (0)
PSA - 1	4 (0)	1 (0)	-- (0)	3 (0)	8 (0)	-- (0)	5 (0)	-- (0)	5 (0)	13 (0)
PSA - 3	4 (1)	2 (0)	3 (1)	1 (0)	10 (2)	4 (0)	1 (0)	1 (0)	6 (0)	16 (2)
PSA - 10	6 (0)	2 (0)	-- (0)	2 (0)	10 (0)	-- (0)	2 (0)	2 (0)	4 (0)	14 (0)
PSA - 35	18 (0)	3 (0)	2 (0)	11 (0)	34 (0)	-- (0)	-- (0)	3 (0)	3 (0)	37 (0)
PSA - 100	2 (0)	1 (0)	1 (0)	5 (0)	9 (0)	-- (0)	-- (0)	1 (0)	17 (0)	10 (0)
PSB - .05	1 (0)	-- (0)	-- (0)	-- (0)	1 (0)	-- (0)	-- (0)	-- (0)	-- (0)	1 (0)
PSB - .12	-- (0)	-- (0)	-- (0)	-- (0)	-- (0)	-- (0)	-- (0)	-- (0)	-- (0)	-- (0)
TOTALS:	41 (1)	9 (0)	6 (1)	22 (0)	78 (2)	4 (0)	39 (0)	7 (0)	50 (0)	128 (2)



G. MECHANICAL SNUBBER VISUAL EXAMINATIONS

1. Abstract of Examinations

No Visual examinations were performed during the Unit 2-7RIO. The next visual examinations are scheduled for the Unit 2-8RIO.

2. Code Compliance Summary

Not applicable. No visual examinations were performed.

3. Abstract of Conditions Noted and Corrective Actions Taken

Not applicable. No Visual examinations were performed.

4. Incomplete Examinations

There were no incomplete examinations.

5. Applicable Code Cases

No code cases were used since snubber visual examinations are not code exams.

6. Successive Inspections

There were no successive inspections.

7. Special Examinations

There were no special examinations performed during the U2-7RIO.



EROSION/CORROSION EXAMINATIONS

1. Abstract of Examinations

General Electric performed non-code erosion/corrosion wall thickness examinations during the U2-7RIO. The scope of work was provided by PP&L Specification M-1414, Rev 6. A total of one hundred and sixty-one (161) components were examined (see Appendix F of this report), which comprised of one hundred and eighty-two (182) exams. The disparity between components and exam numbers is due to certain Tees and Reducers which require two exams.

2. Code Compliance Summary

Not applicable since Erosion/Corrosion exams are not part of Section XI. However, a list of inspected components and their respective erosion rates is attached as Appendix F of this report.

3. Abstract of Conditions Noted and Corrective Actions Taken

Evaluation of data is categorized with the distribution of results as follows:

GROUP	DESCRIPTION (%EROSION)	COMPONENTS
1	0% to 20% Erosion	41
2	21% to 30% Erosion	28
3	31% to 50% Erosion	63
4	51% to 99% Erosion	23
5	Erosion ≥ 100% Erosion	6
	Total	161

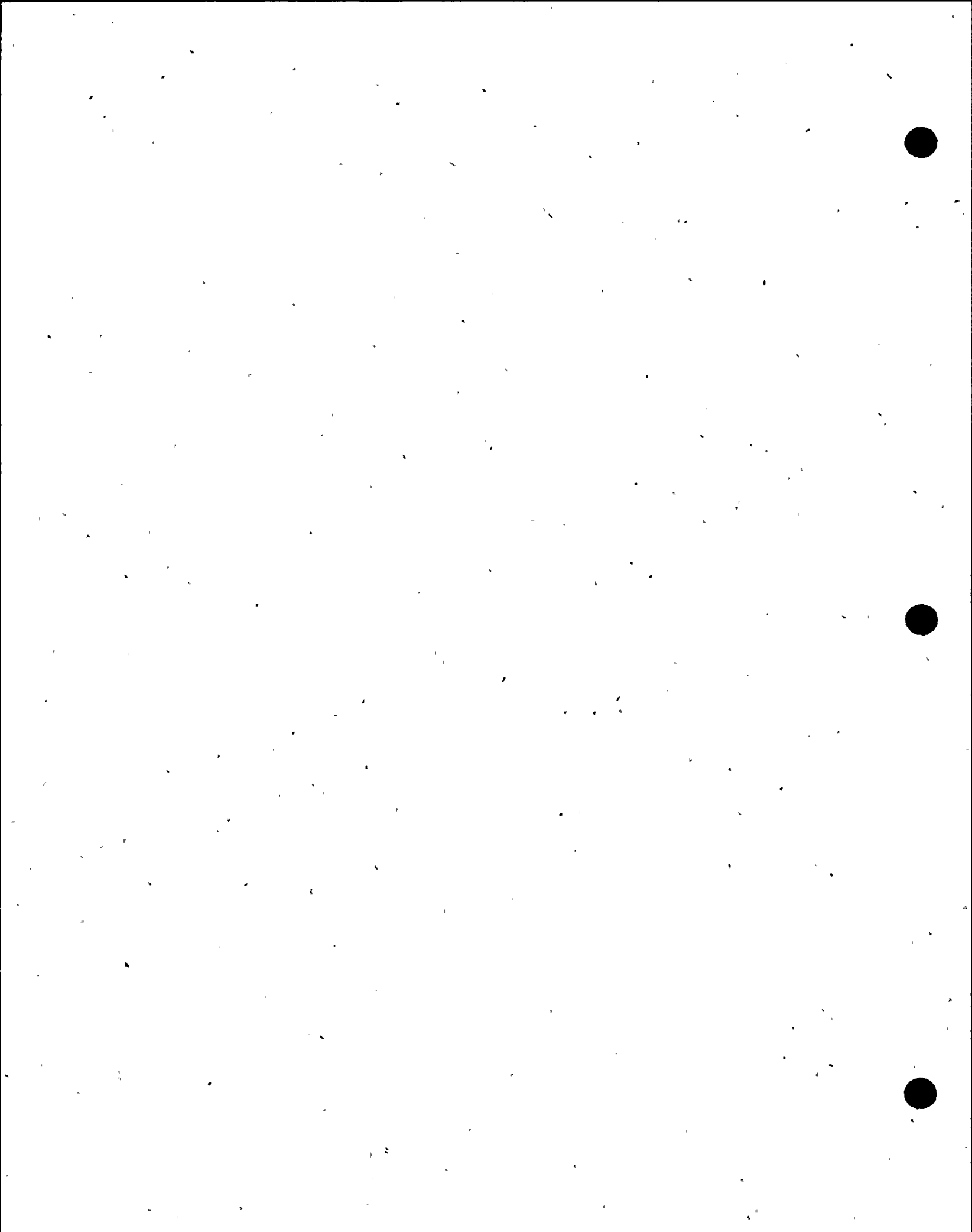
Percent erosion is determined as follows:

$$\% \text{ EROSION} = \frac{(\text{NOMINAL THICKNESS}) - (\text{MEASURED THICKNESS})}{(\text{NOMINAL THICKNESS}) - (\text{MINIMUM THICKNESS})} \times 100$$

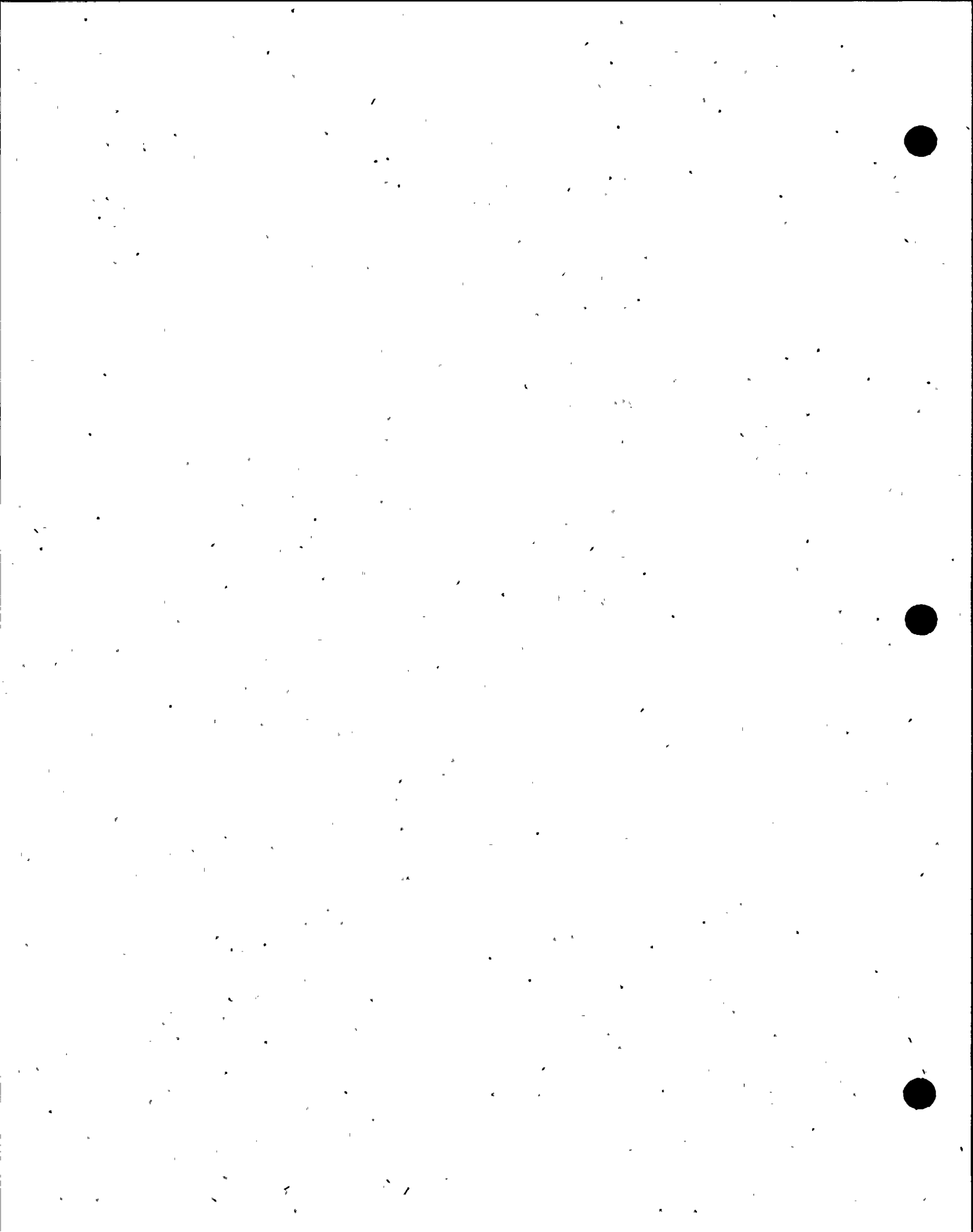
The following pipe repairs were performed during U2-7RIO.

UNIT 2-7, RIO PIPE REPAIRS

LINE/SIZE	SYSTEM
HFD2016-E3 16" Elbow	4th Extraction Steam
SPHBD2094-E3 2" Bend	3rd Extraction Steam Drain
SPHBD2095-E2 2" Pipe	3rd Extraction Steam Drain
SPHBD2095-E1 2" Elbow	3rd Extraction Steam Drain



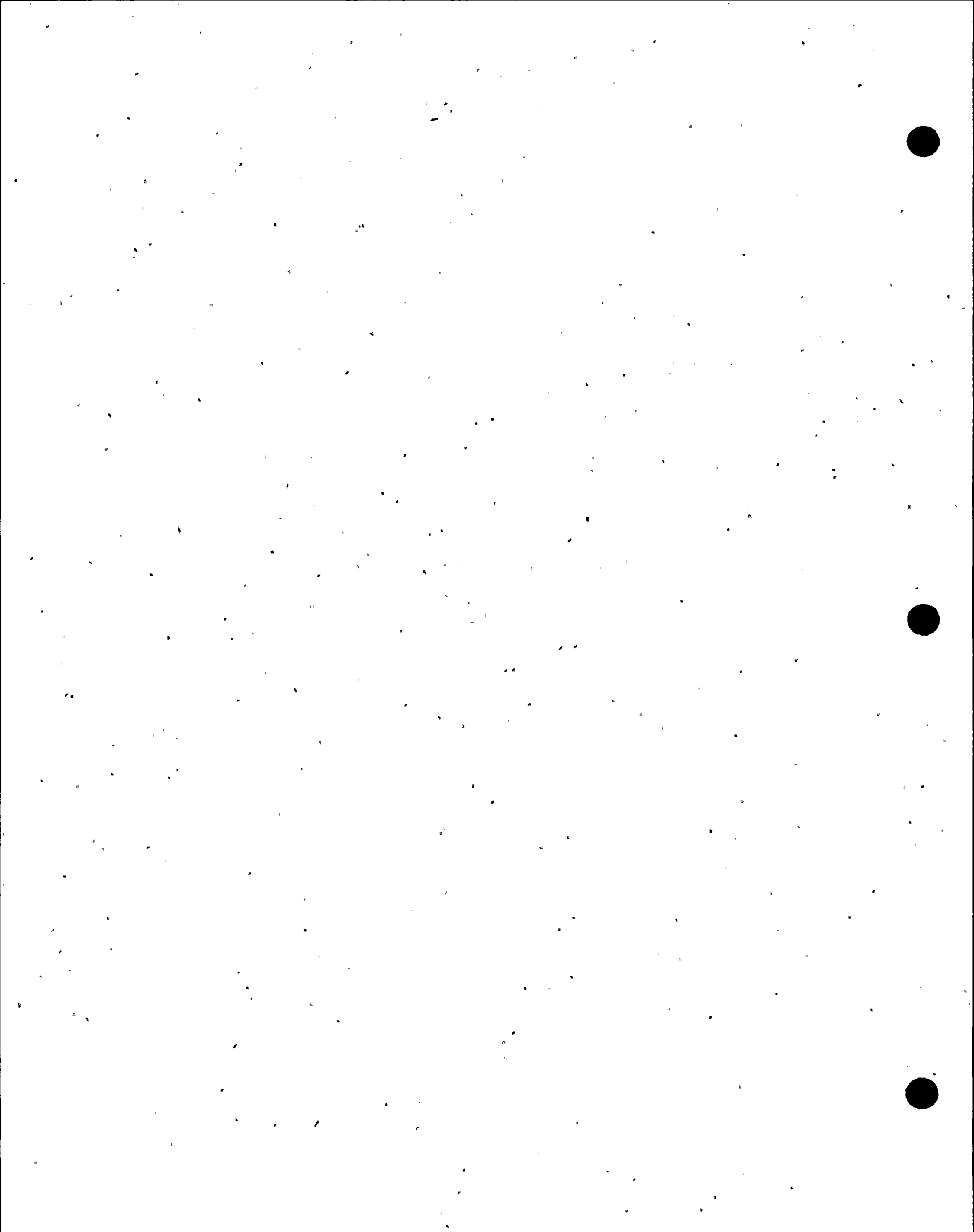
In addition to the one hundred and sixty-one (161) components inspected twenty-two (22) second stage, nine (9) third stage and twenty-seven (27) fourth stage extraction steam components were replaced during the U2-7RIO. The remaining third and fourth extraction steam components will be replaced during the U2-8RIO. A summary of all erosion/corrosion EWR's follows.



UNIT 2-7 RIO-GREATER THAN 50% EROSION.

COMP#	SYSTEM	ERO %	COMMENTS
GAD2013-E3	MSEPD	60.58%	INSPECT U2-9
GAD2011-E3	MSEPD	82.35%	INSPECT U2-8
GAD2013-E1	MSEPD	80.58%	INSPECT U2-9
DBD2041-E1A	FW	109.63%	INSPECT U2-8
SPHBD2481-E4	MCPR	145.0% Z1 65.0% Z3	REPLACE U2-8 INSPECT U2-8
GAD2031-E1	FW	55.29%	INSPECT U2-9
HBD2682-E1	MCPR	51.25%	INSPECT U2-10
SPHBD2481-E3	MCPR	78.33%	INSPECT U2-9
HBD20712-E4	EXTST	74.40% Z1 123.20% Z3	INSPECT U2-8 REPLACE U2-8
HBD2079-E4	EXTST	116.0% Z1 81.6% Z3	REPLACE Z1 INSPECT U2-8
HBD20710-E1	EXTST	87.20%	INSPECT U2-8
SPGBD2027-E2	EXTST	61.739%	INSPECT U2-10
SPHBD20732-E3	RFPT	38.35% Z1 39.72% Z3	INSPECT U2-9 INSPECT U2-9.
SPHBD2095-E2	EXTST	161.644%	REPLACE
SPHBD2099-E1	EXTST	78.082%	INSPECT U2-8
SPGAD2451-E9	TURB	46.988%	INSPECT U2-10
HFD2016-E3	EXTST	129.60%	REPLACE U2-8
SPGBD2022-E2	EXTST	71.304%	INSPECT U2-10
SPHBD2096-E2	EXTST	76.712%	INSPECT U2-8
HBD2092-E6	EXTST	84.0%	REPLACE U2-9
SPHBD2099-E4	EXTST	68.493%	INSPECT U2-9
SPGBD2441-E5	TURB	55.422%	INSPECT U2-9

- Continued -



UNIT 2-7 RIO-GREATER THAN 50% EROSION

COMP#	SYSTEM	ERO %	COMMENTS
SPHBD2094-E2	EXTST	76.712%	INSPECT U2-8
SPHBD2094-E3	EXTST	106.849%	REPAIR/REPLACE
1SLBPV-E22	TS	68.085%	REPLACE U2-9
1SLBPV-E23	TS	51.064%	REPLACE U2-8
1SLBPV-E25	TS	59.574%	REPLACE U2-8
1SLBPV-E27	TS	59.574%	REPLACE U2-8
1SLBPV-E29	TS	59.574%	REPLACE U2-8
SPHBD2095-E1	EXTST	91.781%	INSPECT/REPAIR U2-8
SPHBD2097-E2	EXTST	73.973	INSPECT U2-8
2SLBPV-E11	TS	70.149%	INSPECT U2-8
SPEBD2119-E1B	RFPT	41.667%	INSPECT U2-9
SPHBD2094-E3	EXTST	109.589%	REPAIR/REPLACE
GRD2381-E3	MS	88.750%	

4. Incomplete Examinations

There were incomplete examinations identified on each individual data package. These incomplete examinations were due to physical interferences (instrument taps, clamps, etc.).

5. Applicable Code Cases

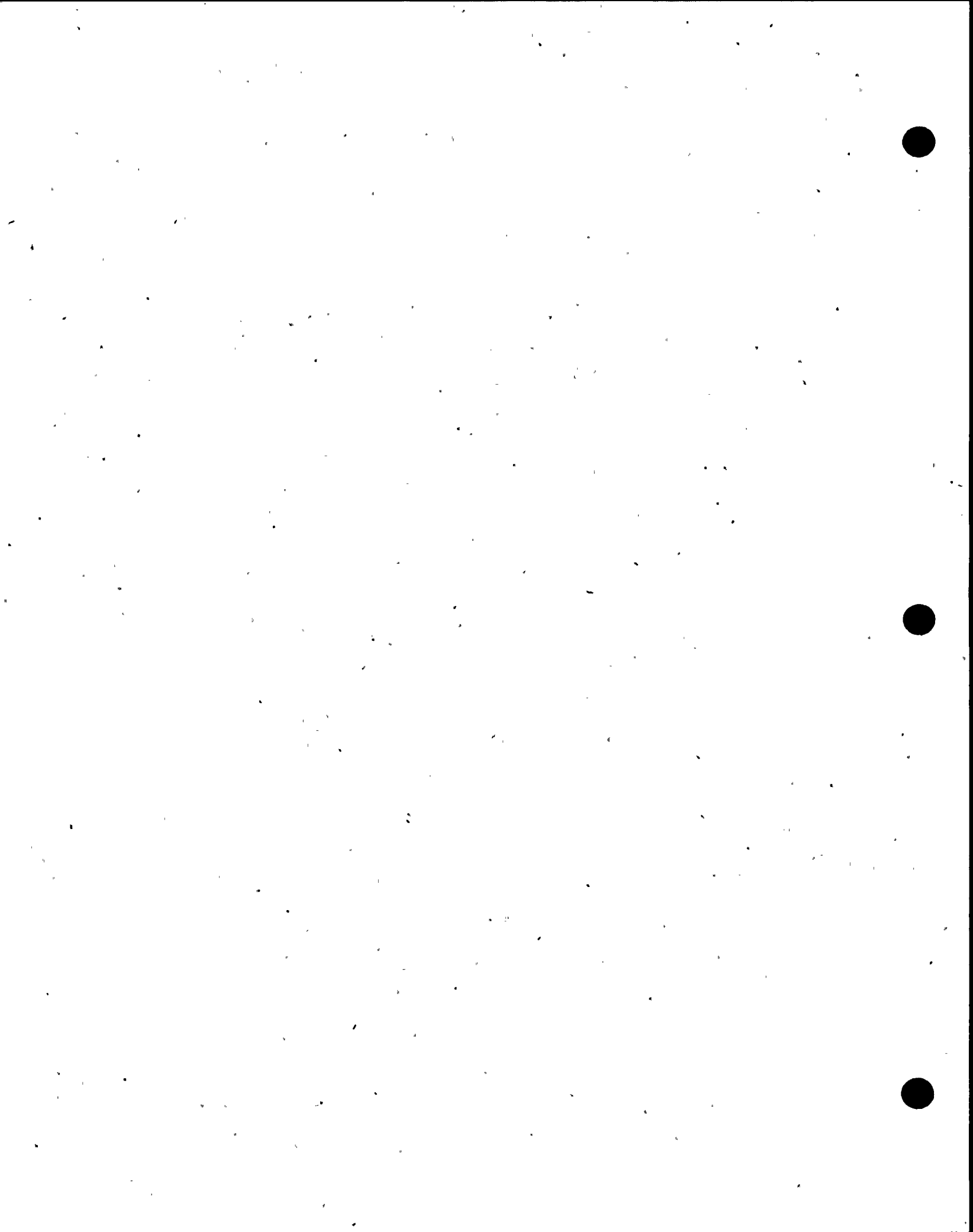
Not applicable since Erosion/Corrosion exams are not part of Section XI.

6. Successive Inspections

Scheduling of successive inspections will be evaluated by Nuclear System Engineering in accordance with erosion rates identified in Specification M-1414. There were thirty-one (31) components inspected having greater than 50.1% erosion. These exams are tentatively scheduled to be examined during the U2-8RIO.

7. Summary

Appendix F provides a detailed description, location, and erosion rate of all components examined during U2-7RIO.



ASME REPAIRS AND REPLACEMENTS

1. Introduction

This section of the Summary Report contains work performed on ASME Section I, III, IV, VIII or XI items identified by Design Change Packages (DCPs) and Work Authorizations (WAs). The scope of work addressed encompasses the period from the end of the U2-6RIO (breaker close) to the end of the U2-7RIO (breaker close).

2. Code Compliance Summary

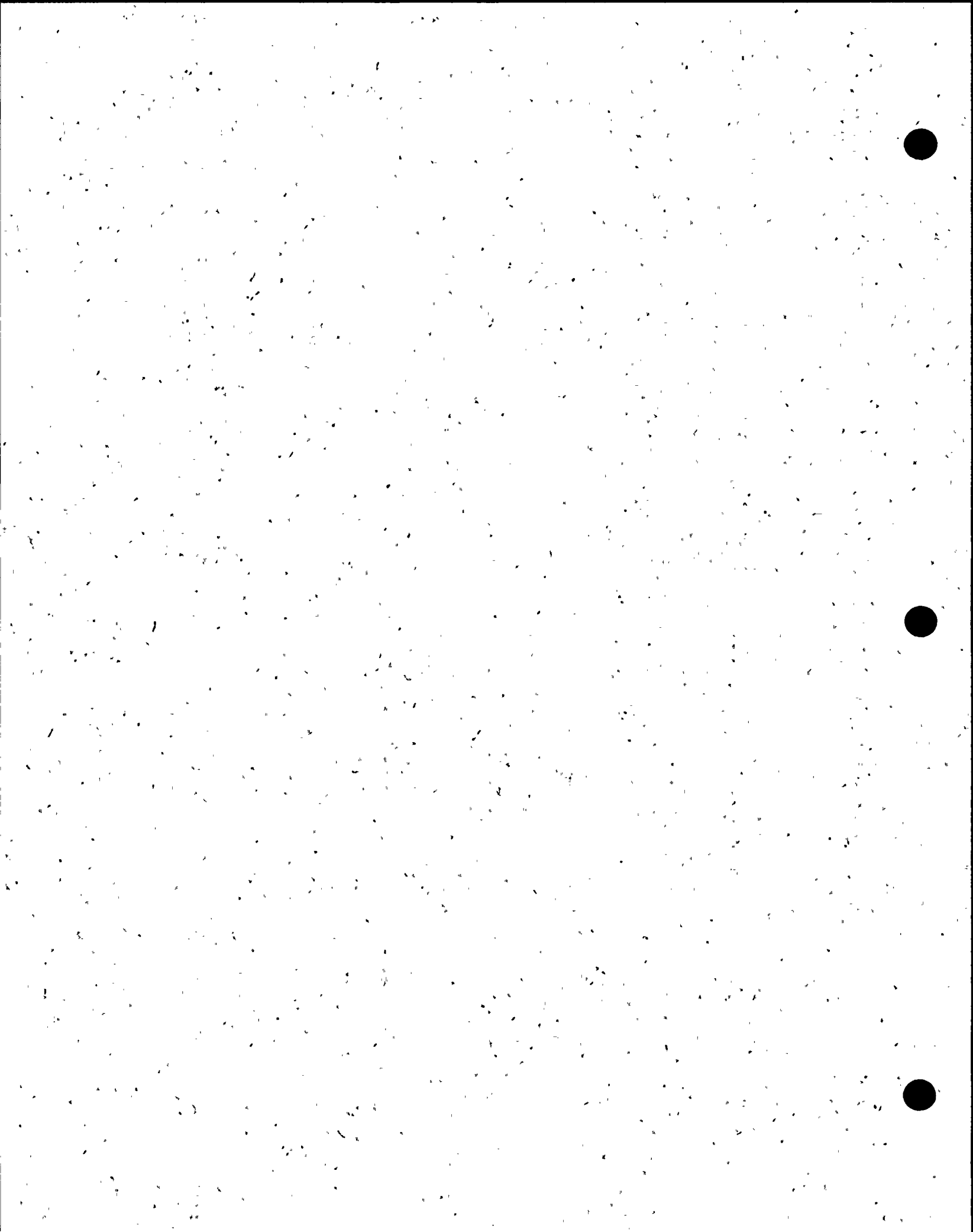
All work on ASME Section XI items meet the requirements of IWA-4000 (Repairs) and IWA-7000 (Replacements) of Section XI.

3. Mechanical Maintenance is responsible for conducting repairs and replacements under the WA process and documenting work on NIS-2 Forms. The detailed listing of work performed is summarized in Appendix D.1 along with the NIS-2 Forms.

4. The Modifications Installation Group (MIG) is responsible for performing Design Changes in accordance with ASME XI under Work Authorizations (WAs). The detailed listing of work performed is summarized in Appendix D.2 along with the NIS-2 Forms.

5. E&S Construction formally conducted repairs delegated to them by Mechanical Maintenance. The E&S Construction Group has been dissolved and these repairs are now included in number 3 above.

6. The ISI Group generates NIS-2 Forms to document the replacement snubbers to functional test failures. The detailed listing of the effected snubbers is in Appendix C. Appendix D.4 contains the NIS-2 Forms.

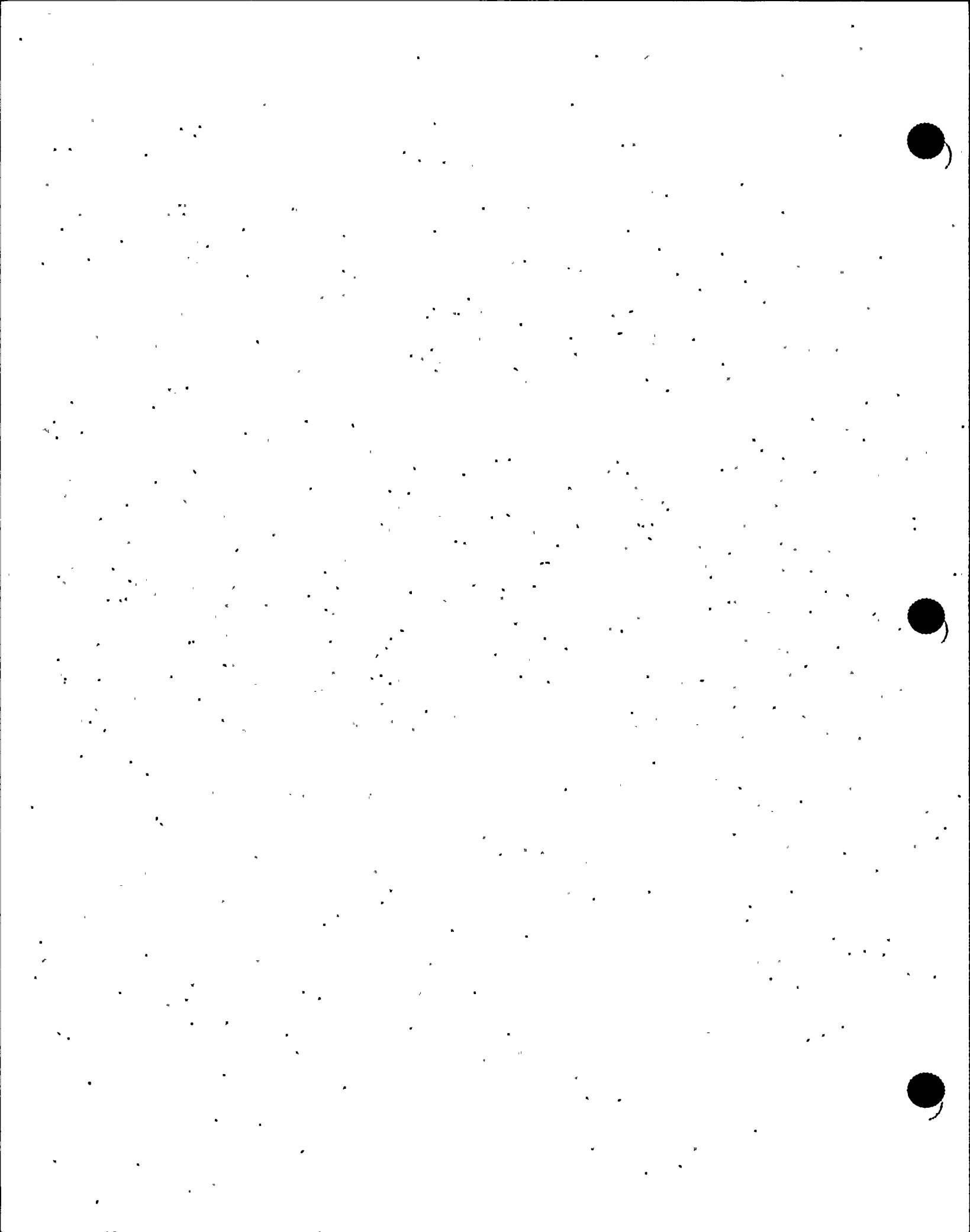


CODE COMPLIANCE SUMMARY

SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 2
 SECOND INTERVAL, FIRST REFUEL AND INSPECTION OUTAGE
 CODE COMPLIANCE REPORT
 (ASME SECTION XI APPENDIX B.1 - SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	2ND INTERVAL EXAMS	1ST RIO SCHED	1ST RIO PROGRAM CREDIT	% 1ST RIO OVER 2ND INT'
AUG1	AUG1	X-EOI	169	16	16	9.47
AUG2	CAT-B	X-1P	10	4	4	40.00
		X-2P	24	0	0	.00
		X-3P	22	0	0	.00
		X-9RIO	1	0	0	.00
	CAT-C	X-10RIO	1	0	0	.00
		X-12RIO	13	0	0	.00
		X-2P	8	0	0	.00
		X-7RIO	21	21	21	100.00
		X-8RIO	11	0	0	.00
		X-9RIO	7	0	0	.00
AUG3	AUG3	X-10RIO	18	0	0	.00
		X-12RIO	18	0	0	.00
		X-8RIO	18	0	0	.00
		X-9RIO	156	0	0	.00
AUG5	AUG5	X-12RIO	20	0	0	.00
AUG6	AUG6	X-EOI	110	15	15	13.64
		X-OWA	1	0	0	.00
		X-PSI	1	1	1	100.00
		X-RE	101	51	51	50.50

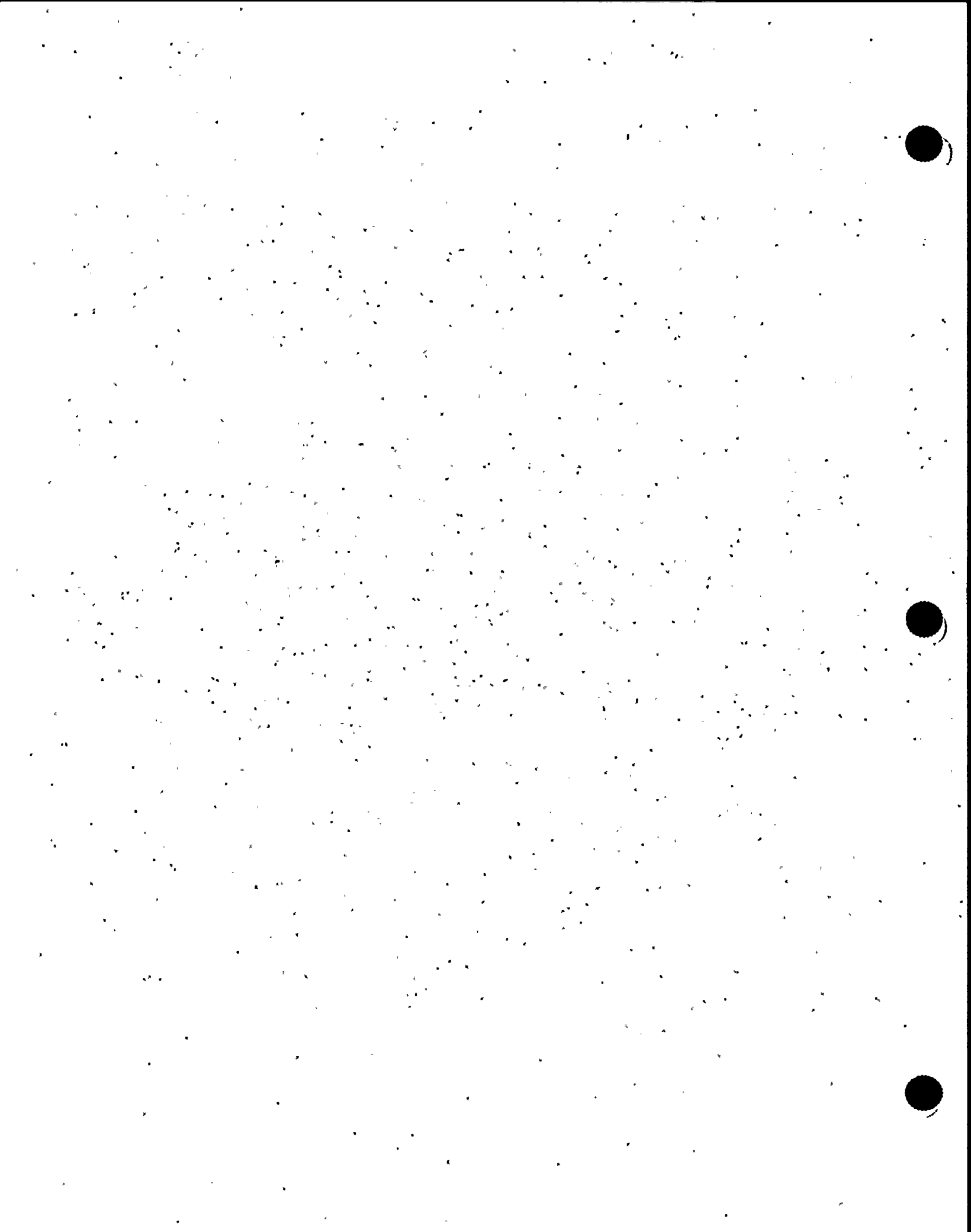
REPORT DATE: 12/06/95



SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 2
 SECOND INTERVAL, FIRST REFUEL AND INSPECTION OUTAGE
 CODE COMPLIANCE REPORT
 (ASME SECTION XI APPENDIX B.1 - SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	2ND INTERVAL EXAMS	1ST RIO SCHED	1ST RIO PROGRAM CREDIT	% 1ST RIO OVER 2ND INT
AUG6	AUG6	X-RO	61	50	50	81.97
		X-10RIO	50	0	0	.00
		X-11RIO	98	0	0	.00
		X-12RIO	50	0	0	.00
		X-7RIO	3	3	3	100.00
		X-9RIO	110	0	0	.00
AUG7	AUG7	X-RE	94	48	48	51.06
		X-10RIO	56	0	0	.00
		X-11RIO	56	0	0	.00
		X-12RIO	56	0	0	.00
		X-8RIO	10	0	0	.00
		X-9RIO	56	0	0	.00
AUG8	AUG8	X-11RIO	8	0	0	.00
		X-7RIO	8	8	8	100.00
		X-9RIO	8	0	0	.00
B-A	B1.11	X-10RIO	4	0	0	.00
		X-12RIO	4	0	0	.00
		X-8RIO	2	0	0	.00
	B1.12	X-10RIO	3	0	0	.00
		X-12RIO	7	0	0	.00

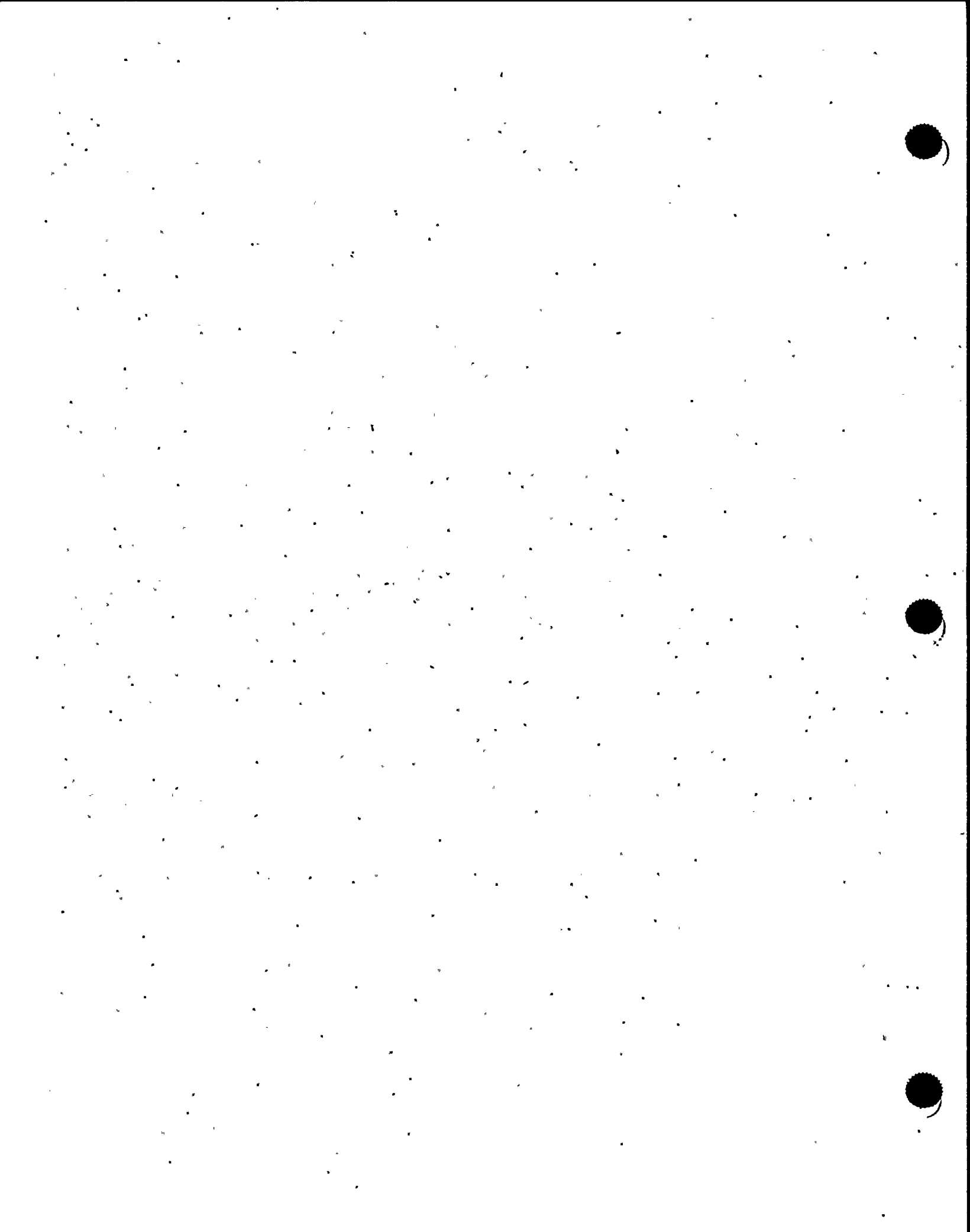
REPORT DATE: 12/06/95



SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 2
 SECOND INTERVAL, FIRST REFUEL AND INSPECTION OUTAGE
 CODE COMPLIANCE REPORT
 (ASME SECTION XI APPENDIX B.1 - SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	2ND INTERVAL EXAMS	1ST RIO SCHED	1ST RIO PROGRAM CREDIT	% 1ST RIO OVER 2ND INT
B-A	B1.12	X-8RIO	3	0	0	.00
	B1.21	X-10RIO	1	0	0	.00
		X-11RIO	1	0	0	.00
		X-7RIO	1	1	0	.00
		X-9RIO	1	0	0	.00
	B1.22	X-11RIO	2	0	0	.00
		X-7RIO	2	2	2	100.00
		X-9RIO	10	0	0	.00
	B1.30	X-10RIO	1	0	0	.00
		X-12RIO	1	0	0	.00
		X-7RIO	1	1	0	.00
		X-8RIO	1	0	0	.00
	B1.40	X-11RIO	2	0	0	.00
		X-7RIO	2	2	0	.00
		X-9RIO	2	0	0	.00
B-D	B3.100	X-10RIO	5	0	0	.00
		X-11RIO	3	0	0	.00
		X-12RIO	12	0	0	.00
		X-8RIO	4	0	0	.00
	B3.90	X-10RIO	5	0	0	.00

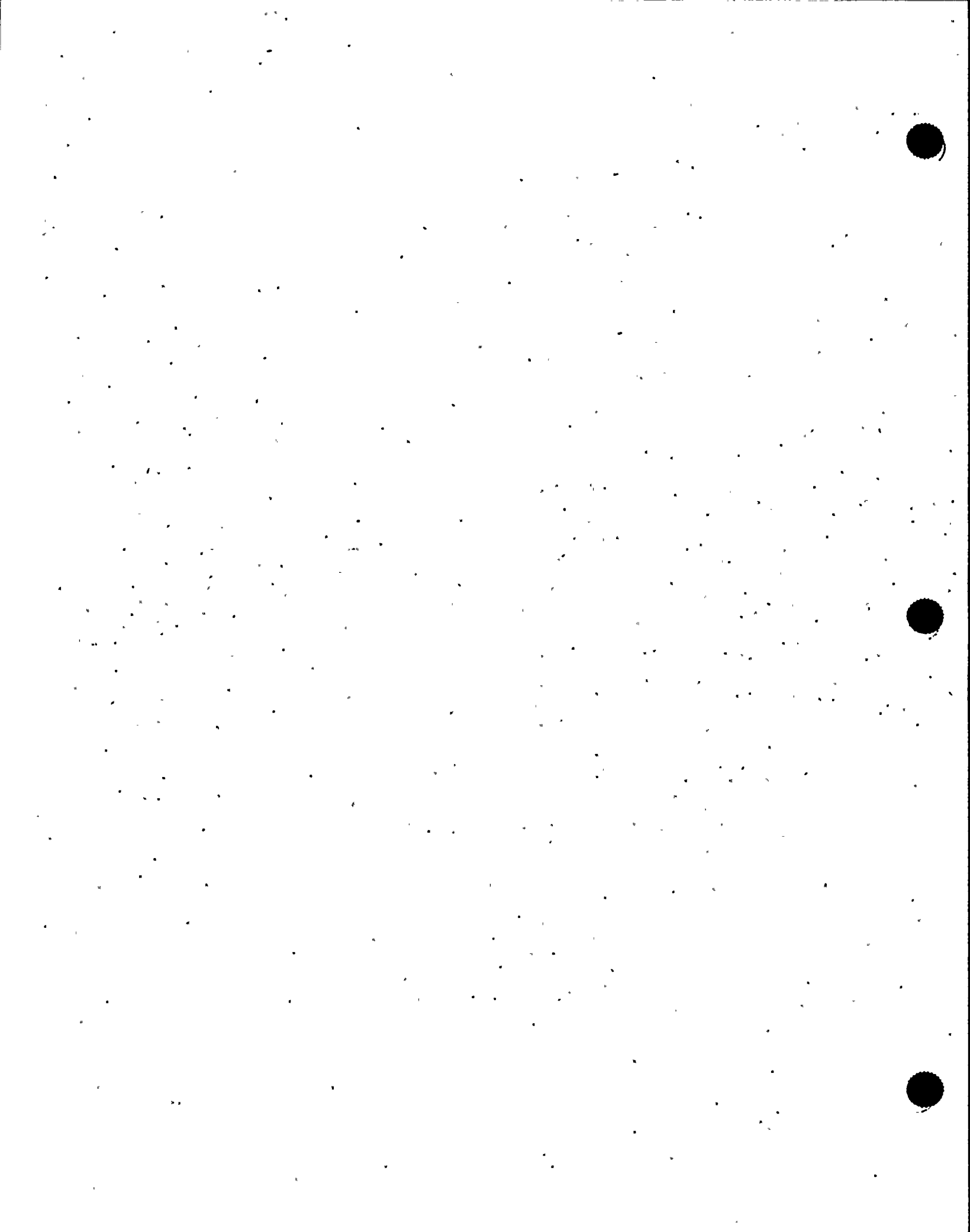
REPORT DATE: 12/06/95



SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 2
 SECOND INTERVAL, FIRST REFUEL AND INSPECTION OUTAGE
 CODE COMPLIANCE REPORT
 (ASME SECTION XI APPENDIX B.1 - SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	2ND INTERVAL EXAMS	1ST RIO SCHED	1ST RIO PROGRAM CREDIT	% 1ST RIO OVER 2ND INT
B-D	B3.90	X-11RIO	3	0	0	.00
		X-12RIO	12	0	0	.00
		X-8RIO	10	0	0	.00
B-E	B4.11	X-HYDRO	1	0	0	.00
	B4.12	X-HYDRO	46	0	0	.00
	B4.13	X-HYDRO	15	0	0	.00
B-F	B5.10	X-12RIO	5	0	0	.00
		X-8RIO	5	0	0	.00
		X-9RIO	7	0	0	.00
B-G-1	B6.10	X-11RIO	25	0	0	.00
		X-7RIO	26	26	26	100.00
		X-9RIO	25	0	0	.00
	B6.180	X-3P	16	0	0	.00
	B6.190	X-D	16	0	0	.00
		X-7RIO	16	16	16	100.00
	B6.20	X-11RIO	25	0	0	.00
		X-7RIO	26	26	26	100.00
		X-9RIO	25	0	0	.00
	B6.200	X-3P	16	0	0	.00
	B6.30	X-D	152	8	8	5.26

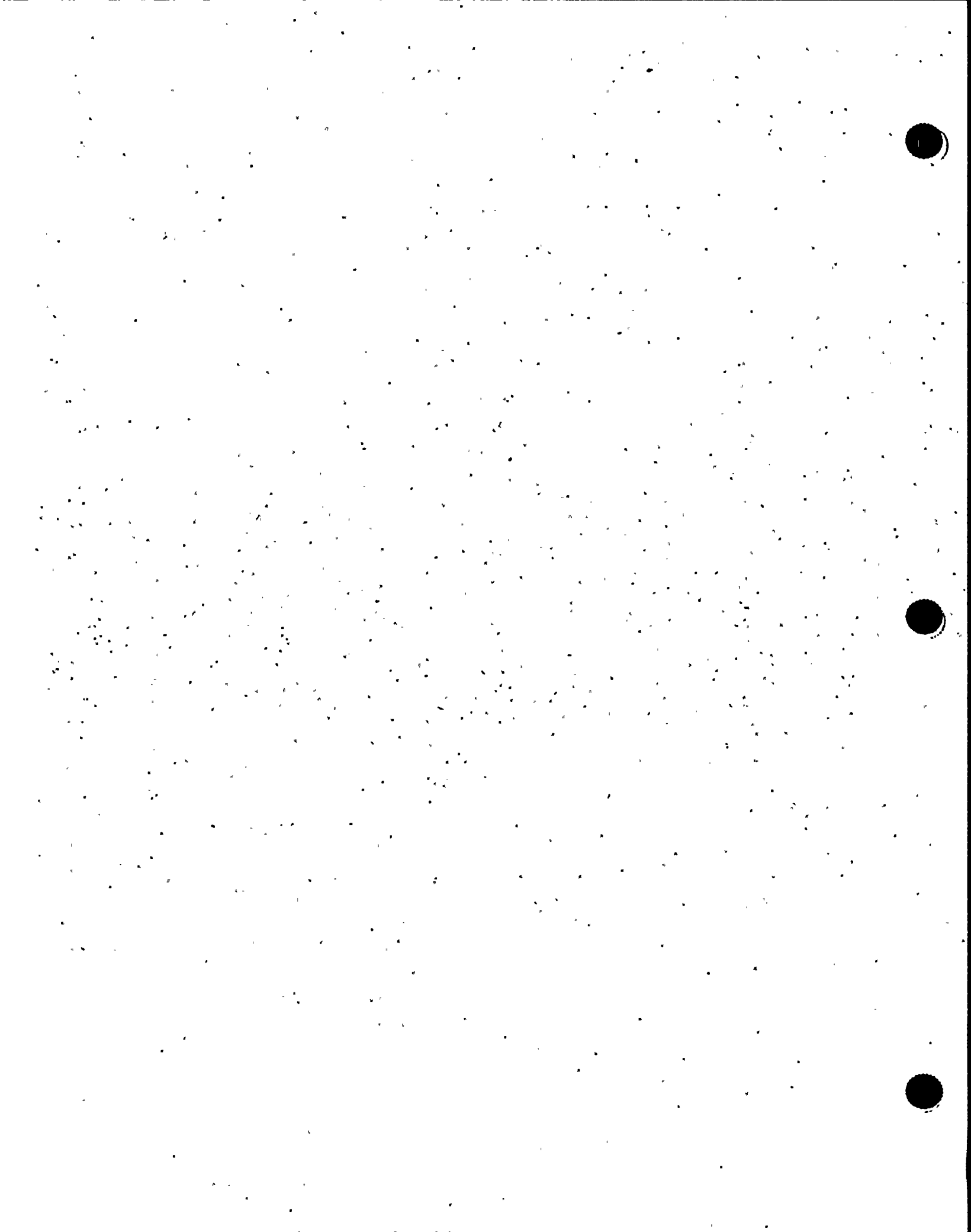
REPORT DATE: 12/06/95.



SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 2
 SECOND INTERVAL, FIRST REFUEL AND INSPECTION OUTAGE
 CODE COMPLIANCE REPORT
 (ASME SECTION XI APPENDIX B.1 - SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	2ND INTERVAL EXAMS	1ST RIO SCHED	1ST RIO PROGRAM CREDIT	% 1ST RIO OVER 2ND INT
B-G-1	B6.40	X-D	76	0	0	.00
	B6.50	X-11RIO	25	0	0	.00
		X-7RIO	26	26	26	100.00
		X-9RIO	25	0	0	.00
B-G-2	B7.10	X-11RIO	3	0	0	.00
	B7.50	X-1P	10	5	5	50.00
		X-2P	5	0	0	.00
		X-3P	7	0	0	.00
	B7.70	X-1P	2	2	2	100.00
		X-2P	1	0	0	.00
		X-3P	4	0	0	.00
	B7.80	X-D	185	20	20	10.81
B-J	B9.11	X-1P	63	36	34	53.97
		X-10RIO	4	0	0	.00
		X-11RIO	6	0	0	.00
		X-12RIO	7	0	0	.00
		X-2P	39	0	0	.00
		X-3P	50	0	0	.00
		X-8RIO	28	0	0	.00
		X-9RIO	4	0	0	.00

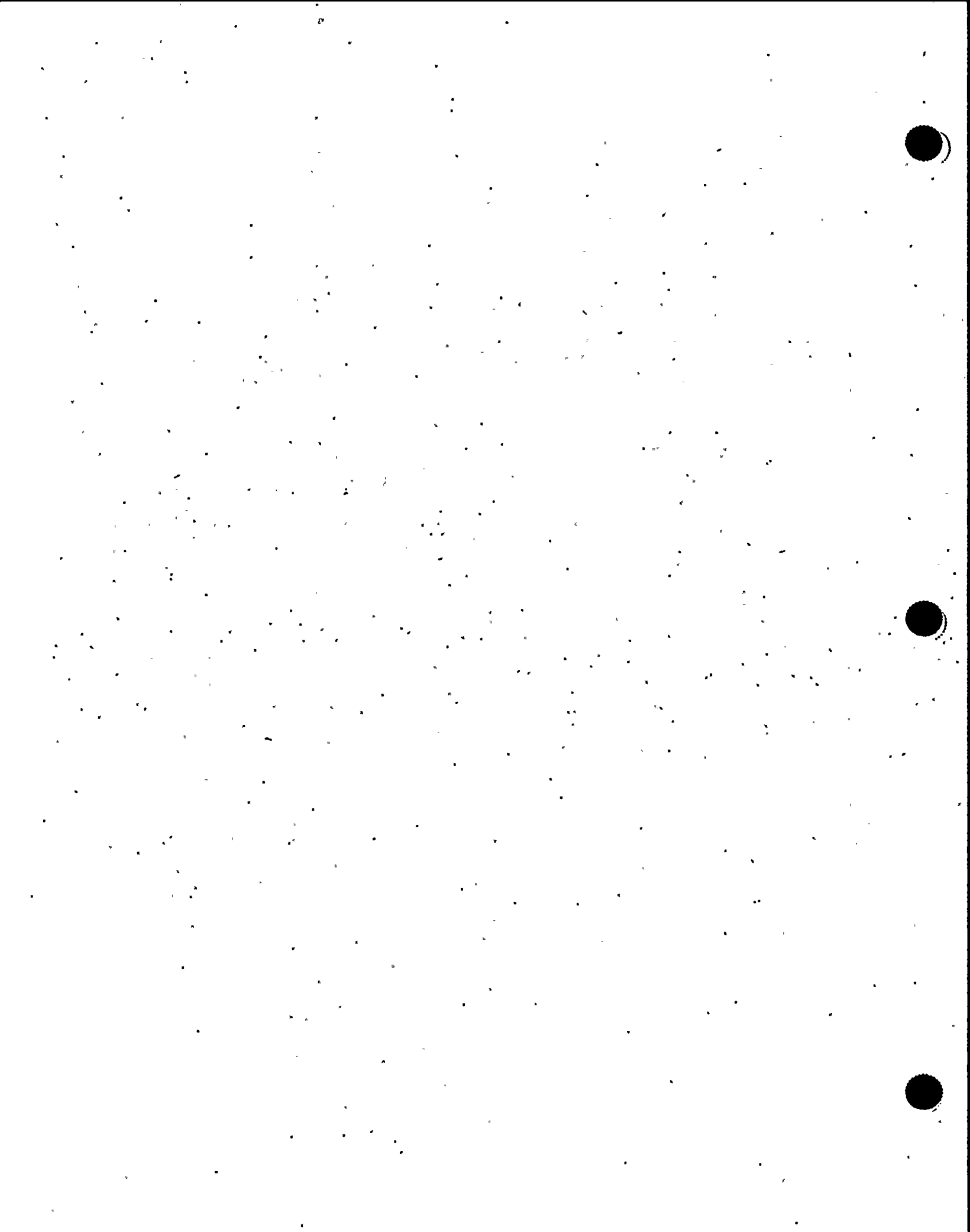
REPORT DATE: 12/06/95



SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 2
 SECOND INTERVAL, FIRST REFUEL AND INSPECTION OUTAGE
 CODE COMPLIANCE REPORT
 (ASME SECTION XI APPENDIX B.1 - SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	2ND INTERVAL EXAMS	1ST RIO SCHED	1ST RIO PROGRAM CREDIT	% 1ST RIO OVER 2ND INT
B-J	B9.12	X-1P	6	5	0	.00
		X-2P	38	0	0	.00
		X-9RIO	2	0	0	.00
	B9.21	X-3P	2	0	0	.00
	B9.31	X-1P	8	2	2	25.00
		X-2P	22	0	0	.00
		X-3P	23	0	0	.00
	B9.40	X-1P	4	0	0	.00
		X-3P	5	0	0	.00
B-K	B10.10	X-10RIO	1	0	0	.00
		X-12RIO	1	0	0	.00
		X-8RIO	1	0	0	.00
	B10.20	X-3P	4	0	0	.00
	B10.30	X-2P	1	0	0	.00
B-L-2	B12.20	X-D	2	0	0	.00
B-M-2	B12.50	X-D	57	0	0	.00
B-N-1	B13.10	X-1P	10	10	10	100.00
		X-2P	10	0	0	.00
		X-3P	11	0	0	.00
B-N-2	B13.20	X-E0I	23	0	0	.00

REPORT DATE: 12/06/95



SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 2
 SECOND INTERVAL, FIRST REFUEL AND INSPECTION OUTAGE
 CODE COMPLIANCE REPORT
 (ASME SECTION XI APPENDIX B.1 - SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	2ND INTERVAL EXAMS	1ST RIO SCHED	1ST RIO PROGRAM CREDIT	% 1ST RIO OVER 2ND INT
B-N-2	B13.30	X-EOI	30	1	1	3.33
		X-OWA	14	0	0	.00
		X-RO	4	0	0	.00
		X-10RIO	4	0	0	.00
		X-12RIO	4	0	0	.00
	B13.40	X-EOI	6	3	3	50.00
		X-OWA	391	1	1	.26
		X-RE	3	2	2	66.67
		X-10RIO	1	0	0	.00
		X-11RIO	1	0	0	.00
		X-12RIO	1	0	0	.00
		X-8RIP	1	0	0	.00
		X-9RIO	1	0	0	.00
B-O	B14.10	X-11RIO	8	0	0	.00
C-A	C1.10	X-2P	1	0	0	.00
	C1.20	X-1P	1	0	0	.00
C-B	C2.21	X-1P	2	0	0	.00
		X-2P	2	0	0	.00
	C2.22	X-1P	1	0	0	.00
		X-2P	1	0	0	.00

REPORT DATE: 12/06/95

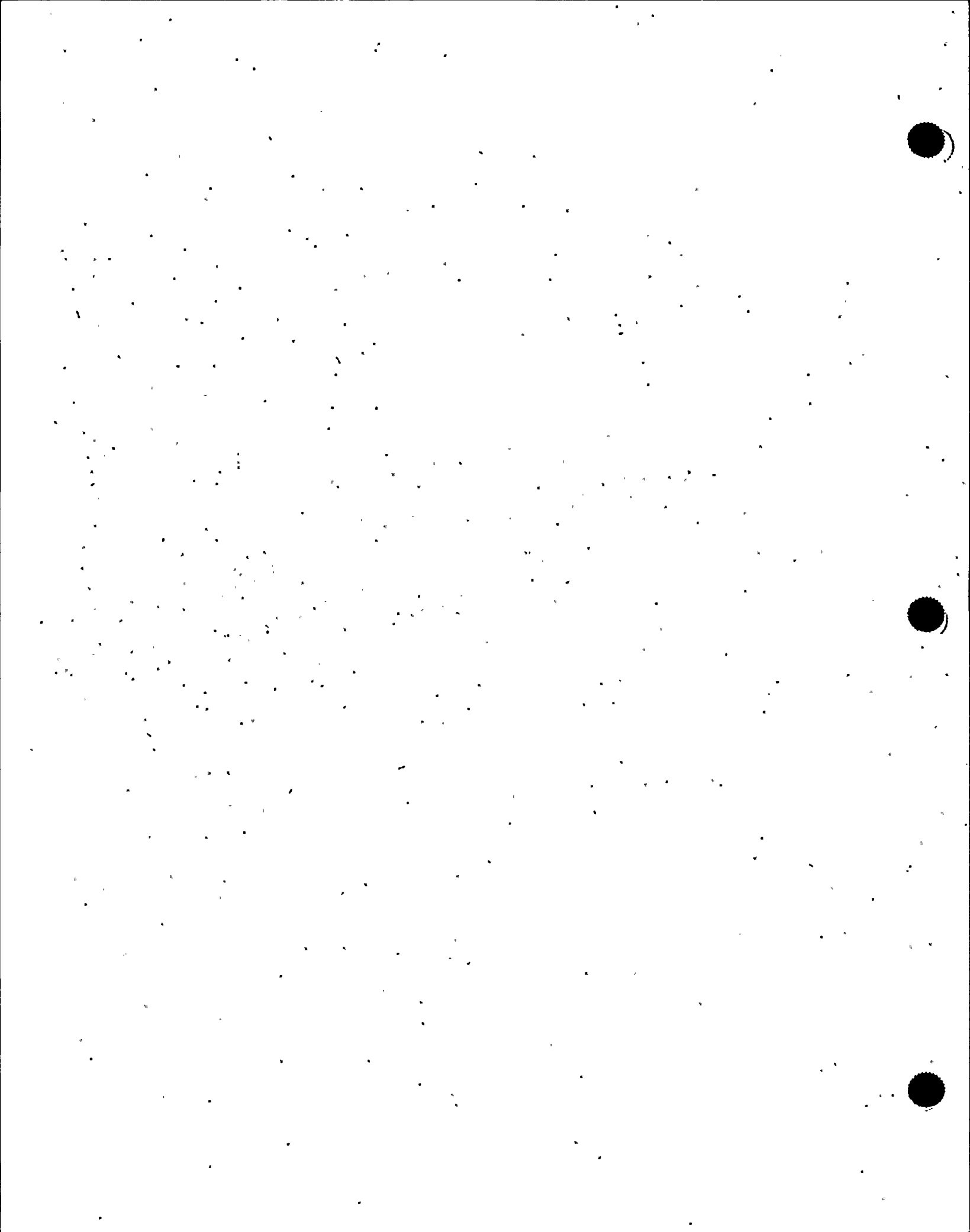


SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 2
 SECOND INTERVAL, FIRST REFUEL AND INSPECTION OUTAGE
 CODE COMPLIANCE REPORT

(ASME SECTION XI APPENDIX B.1 - SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	2ND INTERVAL EXAMS	1ST RIO SCHED	1ST RIO PROGRAM CREDIT	% 1ST RIO OVER 2ND INT
C-C	C3.10	X-2P	4	0	0	.00
	C3.20	X-1P	8	0	0	.00
		X-2P	1	0	0	.00
		X-3P	12	0	0	.00
C-F-1	C5.11	X-X1P	1	0	0	.00
		X-1P	1	0	0	.00
		X-2P	7	0	0	.00
		X-3P	12	0	0	.00
	C5.12	X-2P	2	0	0	.00
C-F-2	C5.51	X-1P	52	16	16	30.77
		X-2P	44	0	0	.00
		X-3P	43	0	0	.00
	C5.81	X-2P	1	0	0	.00
C-G	C6.10	X-D	18	0	0	.00
		X-1P	4	4	4	100.00
		X-2P	6	0	0	.00
		X-3P	5	0	0	.00
D-A	D1.20	X-1P	3	1	0	.00
		X-2P	3	0	0	.00
		X-3P	3	0	0	.00

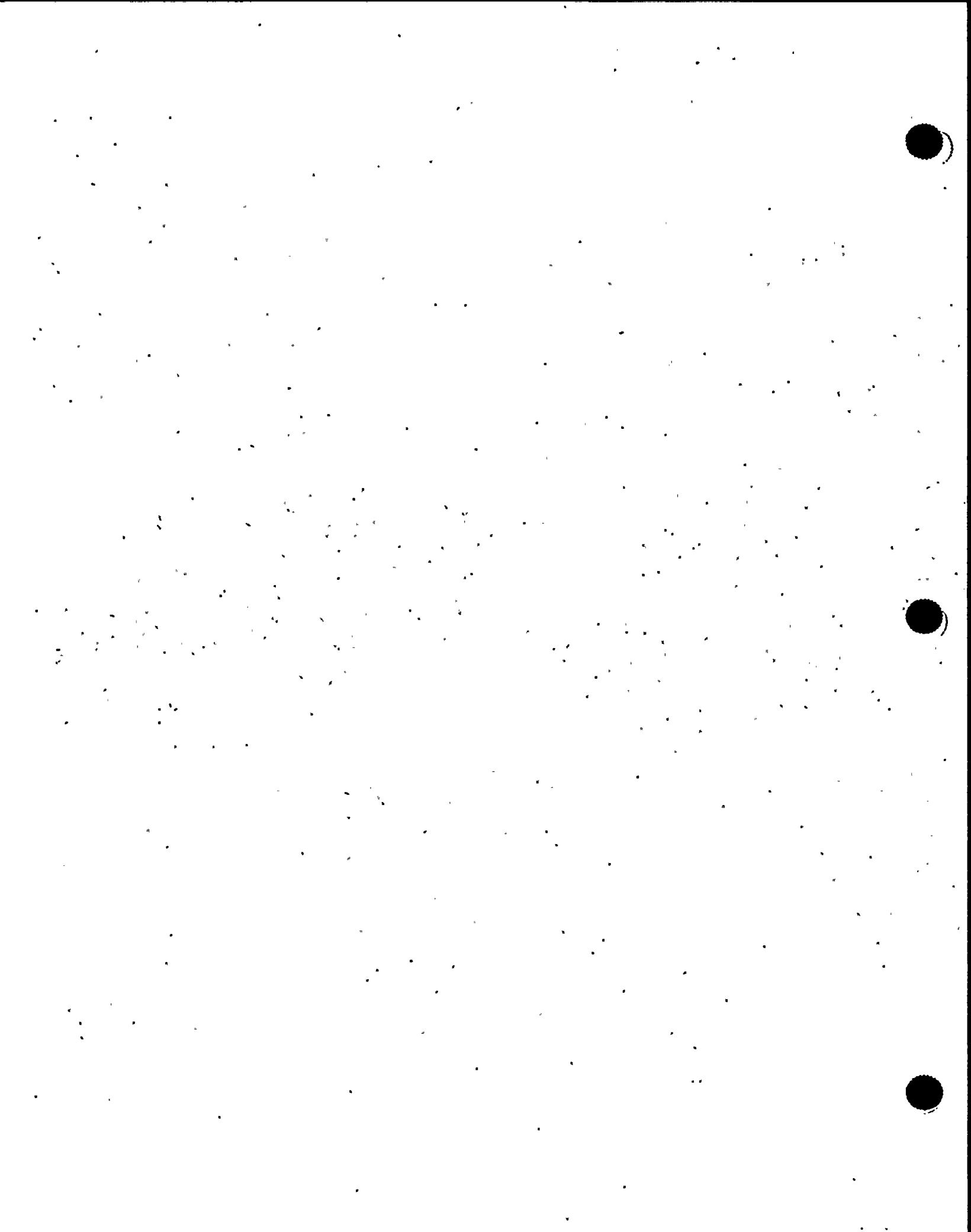
REPORT DATE: 12/06/95



SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 2
 SECOND INTERVAL, FIRST REFUEL AND INSPECTION OUTAGE
 CODE COMPLIANCE REPORT
 (ASME SECTION XI APPENDIX B.1 - SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	2ND INTERVAL EXAMS	1ST RIO SCHED	1ST RIO PROGRAM CREDIT	% 1ST RIO OVER 2ND INT
F-A	F1.10A	X-1P	3	3	3	100.00
		X-2P	2	0	0	.00
		X-3P	1	0	0	.00
	F1.10R	X-1P	4	1	1	25.00
		X-2P	5	0	0	.00
		X-3P	4	0	0	.00
	F1.10S	X-1P	16	8	6	37.50
		X-2P	17	0	0	.00
		X-3P	17	0	0	.00
	F1.20A	X-2P	2	0	0	.00
		X-3P	3	0	0	.00
	F1.20R	X-1P	16	2	2	12.50
		X-2P	16	0	0	.00
		X-3P	15	0	0	.00
	F1.20S	X-1P	15	1	1	6.67
		X-2P	13	0	0	.00
		X-3P	13	0	0	.00
	F1.30A	X-2P	1	0	0	.00
		X-3P	3	0	0	.00
	F1.30R	X-1P	7	1	1	14.29

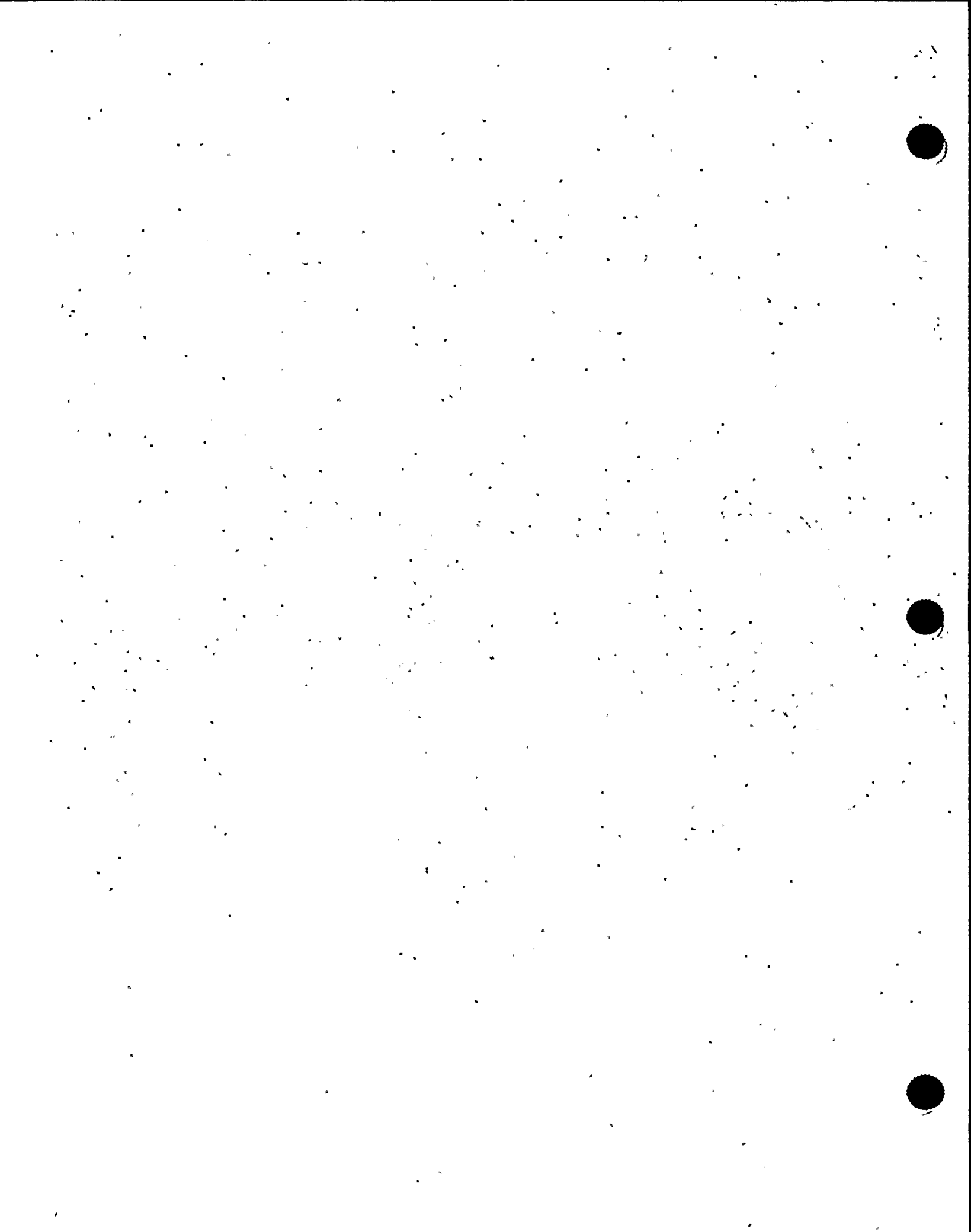
REPORT DATE: 12/06/95



SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 2
 SECOND INTERVAL, FIRST REFUEL AND INSPECTION OUTAGE
 CODE COMPLIANCE REPORT
 (ASME SECTION XI APPENDIX B.1 - SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	2ND INTERVAL EXAMS	1ST RIO SCHED	1ST RIO PROGRAM CREDIT	% 1ST RIO OVER 2ND INT
F-A	F1.30R	X-2P	10	0	0	.00
		X-3P	7	0	0	.00
	F1.30S	X-1P	7	2	2	28.57
		X-2P	3	0	0	.00
		X-3P	3	0	0	.00
	F1.40	X-1P	3	1	1	33.33
		X-2P	14	0	0	.00
		X-3P	1	0	0	.00
		X-9RIO	9	0	0	.00
TOTAL			3744	452	438	*****

REPORT DATE: 12/06/95



**ASME SECTION XI AND AUGMENTED
EXAMINATION DETAILED LISTING**

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG1
ITEM NUMBER AUG1

AS OF: 12/06/95

CID ----- EXAM TYPE -----	DESC ISI ISO -----	CAL BLOCK -----	SYSTEM INFNUM -----	ANII SIGN-OFF CNFNUM -----	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
DBB2181-FW-2 VOL	V-P ISI-DBB-218-1	P-74	FW	09/27/95	Y	NRI		
DBB2181-FW-5 VOL	P-V ISI-DBB-218-1	P-69	FW 95-059	09/27/95	Y	NRI		
DLA2011-FW-2 VOL	V-FH ISI-DLA-201-1	P-70	FW	09/27/95	Y	ROOT GEOMETRY	ACCEPT	
DBA2022-FW-1 VOL	E-P ISI-DBA-202-2	P-23	HPCI	10/11/95	Y	NRI		
DBA2022-FW-2 VOL	P-V ISI-DBA-202-2	P-23	HPCI	10/11/95	Y	NRI		
DBA2022-FW-3 VOL	V-E ISI-DBA-202-2	P-23	HPCI	10/12/95	Y	ROOT GEOMETRY	ACCEPT	
DBA2022-FW-4 VOL	P-FH ISI-DBA-202-2	P-23	HPCI	10/11/95	Y	ROOT GEOMETRY	ACCEPT	
DBA2022-2-A VOL	E-P ISI-DBA-202-2	P-23	HPCI	10/11/95	Y	NRI		

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG1
ITEM NUMBER AUG1

AS OF: 12/06/95

CID ----- EXAM TYPE ----- VNBB213-FW-C-4 VOL	DESC ISI ISO ----- E-V ISI-VNBB-21-3	CAL BLOCK ----- P-77	SYSTEM INFNUM ----- MS 95-073	ANII SIGN-OFF ----- 10/10/95	PROGRAM CREDIT ----- Y	INDICATION ----- ROOT GEOMETRY	RESOLUT1 ----- ACCEPT	NCRNUM1 -----
DBB2181-FW-4 VOL	P-SWOL ISI-DBB-218-1	P-18	RCIC	10/16/95	Y	NRI		
DBB2181-1-B VOL	SWOL-P ISI-DBB-218-1	P-73	RCIC	09/29/95	Y	NRI		
DBB2213-FW-3 VOL	V-P ISI-DBB-221-3	P-18	RCIC 95-062	10/11/95	Y	NRI		
DBB2213-2-A VOL	P-E ISI-DBB-221-3	P-18	RCIC	10/03/95	Y	NRI		
DBB2213-2-B VOL	E-P ISI-DBB-221-3	P-18	RCIC	10/03/95	Y	NRI		
DBB2181-FW-3 VOL	P-SWOL ISI-DBB-218-1	P-2	RWCU	10/11/95	Y	NRI		
DBB2181-1-A VOL	SWOL-P ISI-DBB-218-1	P-73	RWCU 95-060	10/03/95	Y	NRI		

TALLY ITEM AUG1 16
TALLY CDECAT AUG1 16

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG2
 ITEM NUMBER CAT-B

AS OF: 12/06/95

CID ----	DESC -----	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE -----	ISI ISO -----		INFNUM	CNFNUM				
DCA2081-FW-13 VOL	P-V ISI-DCA-208-1	P-56	RHR	10/02/95	Y	NRI		
DCA2081-FW-3 VOL	V-E ISI-DCA-208-1	P-56	RHR	10/03/95	Y	NRI		
DCA2081-FW-5 VOL	V-P ISI-DCA-208-1	P-56	RHR	10/02/95	Y	NRI		
DCA2022-FW-4 VOL	P-FH ISI-DCA-202-2	P-5	RWCU	10/03/95	Y	NRI		

TALLY ITEM CAT-B 4

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG2
ITEM NUMBER CAT-C

AS OF: 12/06/95

CID ---	DESC -----	CAL BLOCK -----	SYSTEM -----	ANII SIGN-OFF -----	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
EXAM TYPE -----	ISI ISO -----		INFNUM -----	CNFNUM -----				
DBB2071-1-B VOL	E-P ISI-DBB-207-1	P-69	RHR 95-041	10/03/95	Y	GEOMETRY	ACCEPT	
DBB2072-1-A VOL	P-E ISI-DBB-207-2	P-56	RHR 95-041	10/12/95	Y	GEOMETRY	ACCEPT	
DCA2081-FW-11 VOL	V-E ISI-DCA-208-1	P-56	RHR 95-041	10/11/95	Y	NRI		
DCB2021-FW-4 VOL	FH-E ISI-DCB-202-1	P-13	RHR 95-041	10/03/95	Y	NRI		
HBB2111-1-A VOL	E-RED ISI-HBB-211-1	P-49/56	RHR 95-041	10/12/95	Y	GEOMETRY	ACCEPT	
N1B NOZ-SE VOL	NOZ-SE C-205719	V-30	RPV-E 95-041	10/03/95	Y	GEOMETRY	ACCPET	
N2B NOZ-SE VOL	SE-NOZ C-205719	V-27	RPV-E 95-041	10/06/95	Y	ROOT GEOMETRY	ACCEPT	
N2C NOZ-SE VOL	SE-NOZ C-205719	V-27	RPV-E 95-041	10/06/95	Y	ROOT GEOMETRY	ACCEPT	

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NOTE: MSIP WELDS

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG2
ITEM NUMBER CAT-C

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
N2D NOZ-SE VOL	SE-NOZ C-205719	V-27	RPV-E 95-041	10/06/95	Y	ROOT GEOMETRY	ACCEPT	
N2E NOZ-SE VOL	SE-NOZ C-205719	V-27	RPV-E 95-041	10/12/95	Y	GEOMETRY	ACCEPT	
N2G NOZ-SE VOL	SE-NOZ C-205719	V-27	RPV-E 95-041	10/03/95	Y	GEOMETRY	ACCEPT	
N2H NOZ-SE VOL	SE-NOZ C-205719	V-27	RPV-E 95-041	10/03/95	Y	ROOT GEOMETRY	ACCEPT	
N5A NOZ-SE VOL	SE-NOZ C-205719	V-27	RPV-E 95-041	10/03/95	Y	GEOMETRY	ACCEPT	
N5A SE-SEXT VOL	SE EXT-SE C-205719	V-15	RPV-E 95-041	10/03/95	Y	ROOT GEOMETRY	ACCEPT	
N5B NOZ-SE VOL	SE-NOZ C-205719	V-27	RPV-E 95-041	10/06/95	Y	GEOMETRY	ACCEPT	
N5B SE-SEXT VOL	SE EXT-SE C-205719	V-15	RPV-E 95-041	10/02/95	Y	ROOT GEOMETRY	ACCEPT	

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NOTE: MSIP WELDS

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG2
ITEM NUMBER CAT-C

AS OF: 12/06/95

CID ----- EXAM TYPE	DESC ----- ISI ISO	CAL BLOCK -----	SYSTEM ----- INFNUM	ANII SIGN-OFF ----- CNFNUM	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
NBA NOZ-SE VOL	NOZ-SE C-205719	V-9/10	RPV-E 95-041	10/16/95	Y	NRI		
N8A SE-PEN SEAL VOL	SE-PEN SEAL C-205719	P-13	RPV-E 95-041	10/16/95	Y	NRI		
N8B NOZ-SE VOL	NOZ-SE C-205719	V-9/10	RPV-E 95-041	10/16/95	Y	NRI		
N8B SE-PEN SEAL VOL	SE-PEN SEAL C-205719	P-13	RPV-E 95-041	10/16/95	Y	NRI		
N9 NOZ-CAP VOL	NOZ-CP C-205719	V-24	RPV-E 95-041	10/16/95	Y	NRI		

TALLY ITEM CAT-C 21
TALLY CDECAT AUG2 25

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

NOTE: MSIP WELDS

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
DRY TUBE 16-13 VT-3	INCORE DRY TUBE C-199587		RPV-I	10/04/95	Y	NRI		
DRY TUBE 16-53 VT-3	INCORE DRY TUBE		RPV-I 95-050	10/04/95	Y	NRI		
DRY TUBE 24-37 VT-3	INCORE DRY TUBE		RPV-I 95-050	10/04/95	Y	NRI		
DRY TUBE 32-29 VT-3	INCORE DRY TUBE C-199587		RPV-I	10/04/95	Y	NRI		
DRY TUBE 32-37 VT-3	INCORE DRY TUBE		RPV-I 95-050	10/04/95	Y	NRI		
DRYER SUPT RING HOR VT-3	HORIZONTAL FACE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER SUPT RING VER VT-3	VERTICAL FACE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD DC-A-1 VT-3	DRAIN CHAN WELD D-205977		RPV-I	10/11/95	Y	NRI		

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

CID ----- EXAM TYPE	DESC ISI ISO	CAL BLOCK -----	SYSTEM INFNUM	ANII SIGN-OFF CNFNUM	PROGRAM CREDIT	INDICATION	RESOLUT1 -----	NCRNUM1 -----
DRYER WELD DC-A-2 VT-3	DRAIN CHAN WELD D-205977		RPV-I	10/11/95	Y	NRI		
DRYER WELD DC-A-3 VT-3	DRAIN CHAN WELD D-205977		RPV-I	10/11/95	Y	NRI		
DRYER WELD DC-A-3 VT-3	DRAIN CHAN WELD D-205977		RPV-I 95-057	10/11/95	Y	YES	REPAIR	9500425
DRYER WELD DC-A-3 VT-3	DRAIN CHAN WELD D-205977		RPV-I 95-066	10/11/95	Y	YES	REPAIR	9500425
DRYER WELD DC-B-1 VT-3	DRAIN CHAN WELD D-205977		RPV-I	10/11/95	Y	NRI		
DRYER WELD DC-B-2 VT-3	DRAIN CHAN WELD D-205977		RPV-I	10/11/95	Y	NRI		
DRYER WELD DC-B-3 VT-3	DRAIN CHAN WELD D-205977		RPV-I	10/11/95	Y	NRI		
DRYER WELD DC-C-1 VT-3	DRAIN CHAN WELD D-205977		RPV-I	10/11/95	Y	NRI		

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
DRYER WELD DC-C-2, VT-3	DRAIN CHAN WELD D-205977		RPV-I	10/11/95	Y	NRI		
DRYER WELD DC-C-3 VT-3	DRAIN CHAN WELD D-205977		RPV-I	10/11/95	Y	NRI		
DRYER WELD DC-D-1 VT-3	DRAIN CHAN WELD D-205977		RPV-I	10/11/95	Y	NRI		
DRYER WELD DC-D-2 VT-3	DRAIN CHAN WELD DP205977		RPV-I	10/11/95	Y	NRI		
DRYER WELD DC-D-3 VT-3	DRAIN CHAN WELD D-205977		RPV-I	10/11/95	Y	NRI		
DRYER WELD HE-A-1 VT-3	HOOD/END PANEL D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD HE-A-2 VT-3	HOOD/END PANEL D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD HE-B-1 VT-3	HOOD/END PANEL D-205977		RPV-I	10/02/95	Y	NRI		

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

CID ----- EXAM TYPE	DESC ISI ISO	CAL BLOCK -----	SYSTEM INFNUM	ANII SIGN-OFF CNFNUM	PROGRAM CREDIT	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
DRYER WELD HE-B-2 VT-3	HOOD/END PANEL D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD HE-C-1 VT-3	HOOD/END PANEL D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD HE-C-2 VT-3	HOOD/END PANEL D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD HE-D-1 VT-3	HOOD/END PANEL D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD HE-D-2 VT-3	HOOD/END PANEL D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD HE-E-1 VT-3	HOOD/END PANEL D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD HE-E-2 VT-3	HOOD/END PANEL D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD HE-F-1 VT-3	HOOD/END PANEL D-205977		RPV-I	10/02/95	Y	NRI		

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

CID ----- EXAM TYPE -----	DESC ----- ISI ISO -----	CAL BLOCK -----	SYSTEM ----- INFNUM -----	ANII SIGN-OFF ----- CNFNUM -----	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
DRYER WELD HE-F-2 VT-3	HOOD/END PANEL D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-A-1/2 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-A-3/4 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-A-5/6 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-A-7/8 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-B-1/2 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-B-3/4 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-B-5/6 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

CID ----- EXAM TYPE	DESC ----- ISI ISO	CAL BLOCK -----	SYSTEM ----- INFNUM	ANII SIGN-OFF ----- CNFNUM	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
DRYER WELD TR-B-7/8 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-C-1/2 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-C-3/4 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-C-5/6 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-C-7/8 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-D-1/2 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-D-3/4 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-D-5/6 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

CID -----	DESC	CAL BLOCK -----	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1 -----	NCRNUM1 -----
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
DRYER WELD TR-D-7/8 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-E-1/2 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-E-3/4 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-E-5/6 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-E-7/8 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-F-1/2 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-F-3/4 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
DRYER WELD TR-F-5/6 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

CID ----- EXAM TYPE	DESC ISI ISO	CAL BLOCK -----	SYSTEM INFNUM	ANII SIGN-OFF CNFNUM	PROGRAM CREDIT	INDICATION	RESOLUT.1 -----	NCRNUM1 -----
DRYER WELD TR-F-7/8 VT-1	CAPTURE PLATE D-205977		RPV-I	10/02/95	Y	NRI		
JT PMP 04 INST LINE VT-3	WELDS/SUPPORTS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
JT PMP 08 INST LINE VT-3	WELDS/SUPPORTS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
JT PMP 09 INST LINE VT-3	WELDS/SUPPORTS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
JT PMP 13 INST LINE VT-3	WELDS/SUPPORTS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
JT PMP 14 INST LINE VT-3	WELDS/SUPPORTS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
JT PMP 17 INST LINE VT-3	WELDS/SUPPORTS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
N2F JP-11,12 VT-1	BRACE WELDS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANI</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICACION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
N2F JP-7,8,9,10 VT-1	BRACE WELDS C=100598 SHT 3		RPV-I	10/02/95	Y	NRI		
N2F RISER BRACE VT-3	RISER BRACE C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
N2G JP-11,12 VT-1	BRACE WELDS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
N2G JP-7,8,9,10 VT-1	BRACE WELDS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
N2G RISER BRACE VT-3	RISER BRACE C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
N2H JP-11,12 VT-1	BRACE WELDS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
N2H JP-7,8,9,10 VT-1	BRACE WELDS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
N2H RISER BRACE VT-3	RISER BRACE C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
N2J JP-11,12 VT-1	BRACE WELDS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
N2J JP-7,8,9,10 VT-1	BRACE WELDS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
N2J RISER BRACE VT-3	RISER BRACE C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
N2K JP-11,12 VT-1	BRACE WELDS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
N2K JP-7,8,9,10 VT-1	BRACE WELDS C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
N2K RISER BRACE VT-3	RISER BRACE C-199587 SHT 3		RPV-I	10/02/95	Y	NRI		
N5A HEADER VT-3	CS HEADER C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5A HEADER BRKT 1 VT-3	BRACKET/BOLTS C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

CID ----- EXAM TYPE	DESC ----- ISI ISO	CAL BLOCK -----	SYSTEM ----- INFNUM	ANII SIGN-OFF ----- CNFNUM	PROGRAM CREDIT	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
N5A HEADER BRKT 2 VT-3	BRACKET/BOLTS D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5A HEADER BRKT 3 VT-3	BRACKET/BOLTS D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5A HEADER BRKT 4 VT-3	BRACKET/BOLTS D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5A SPARG B VT-3	CS SPARGER D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5A SPARG D VT-3	CS SPARGER D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5A SPARG NOZ B VT-3	64 NOZZLES D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5A SPARG NOZ D VT-3	64 NOZZLES D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5B HEADER VT-3	CS HEADER D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE,

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
N5B HEADER BRKT 1 VT-3	BRACKET/BOLTS D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5B HEADER BRKT 2 VT-3	BRACKET/BOLTS D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5B HEADER BRKT 3 VT-3	BRACKET/BOLTS D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5B HEADER BRKT 4 VT-3	BRACKET/BOLTS D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5B SPARG A VT-3	CS SPARGER D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5B SPARG C VT-3	CS SPARGER D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5B SPARG NOZ A VT-3	64 NOZZLES D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N5B SPARG NOZ C VT-3	64 NOZZLES D-199587 SHT 1		RPV-I	10/02/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

CID ----	DESC ----	CAL BLOCK -----	SYSTEM -----	ANII SIGN-OFF -----	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
EXAM TYPE -----	ISI ISO -----		INFNUM -----	CNFNUM -----				
SPARG SUP 01 WELDS VT-1	CS SPRG SUP WLD C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUP 02 WELDS VT-1	CS SPRG SUP WLD C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUP 03 WELDS VT-1	CS SPRG SUP WLD C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUP 04 WELDS VT-1	CS SPRG SUP WLD C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUP 05 WELDS VT-1	CS SPRG SUP WLD C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUP 06 WELDS VT-1	CS SPRG SUP WLD C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUP 07 WELDS VT-1	CS SPRG SUP WLD C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUP 08 WELDS VT-1	CS SPRG SUP WLD C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION; UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

CID -----	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
SPARG SUP 09 WELDS VT-1	CS SPRG SUP WLD C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUP 10 WELDS VT-1	CS SPRG SUP WLD C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUP 11 WELDS VT-1	CS SPRG SUP WLD C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUP 12 WELDS VT-1	CS SPRG SUP WLD C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUPPORT 01 VT-3	CS SPARGER SUP C-199587 SHT 1		RPV-I	10/20/95	Y	NRI		
SPARG SUPPORT 02 VT-3	CS SPARGER SUP C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUPPORT 03 VT-3	CS SPARGER SUP C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUPPORT 04 VT-3	CS SPARGER SUP C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG6
ITEM NUMBER AUG6

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
SPARG SUPPORT 05 VT-3	CS SPARGER SUP C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUPPORT 06 VT-3	CS SPARGER SUP C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUPPORT 07 VT-3	CS SPARGER SUP C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUPPORT 08 VT-3	CS SPARGER SUP C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUPPORT 09 VT-3	CS SPARGER SUP C-299587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUPPORT 10 VT-3	CS SPARGER SUP C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUPPORT 11 VT-3	CS SPARGER SUP C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
SPARG SUPPORT 12 VT-3	CS SPARGER SUP C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
TALLY ITEM AUG6	120							
TALLY CDECAT AUG6	120							

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG7
ITEM NUMBER AUG7

AS OF: 12/06/95

CID ----- EXAM TYPE -----	DESC ----- ISI ISO -----	CAL BLOCK -----	SYSTEM ----- INFNUM	ANII SIGN-OFF ----- CNFNUM	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
SHROUD HEAD BOLT 01 VOL	HLDDWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 02 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 03 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 04 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 05 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 06 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 07 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 08 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG7
ITEM NUMBER AUG7

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
SHROUD HEAD BOLT 09 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 10 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 11 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 12 VOL	HOLDOWN BOLT C-213451 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 13 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 14 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 15 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 16 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG7
ITEM NUMBER AUG7

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
SHROUD HEAD BOLT 25 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 26 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 27 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 28 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 29 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 30 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 31 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 32 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG7
 ITEM NUMBER AUG7

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
SHROUD HEAD BOLT VOL 17	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT VOL 18	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT VOL 19	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT VOL 20	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT VOL 21	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT VOL 22	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT VOL 23	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT VOL 24	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG7
ITEM NUMBER AUG7

AS OF: 12/06/95

CID ----- EXAM TYPE -----	DESC ISI ISO	CAL BLOCK -----	SYSTEM INFNUM	ANII SIGN-OFF CNFNUM	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
SHROUD HEAD BOLT 33 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 34 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 35 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 36 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 37 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 38 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 39 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 40 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG7
ITEM NUMBER AUG7

AS OF: 12/06/95

CID ---	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
SHROUD HEAD BOLT 41 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 42 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 43 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 44 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 45 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 46 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 47 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
SHROUD HEAD BOLT 48 VOL	HOLDOWN BOLT C-213561 SHT 1		RPV-I	10/02/95	Y	NRI		
TALLY ITEM AUG7	48							
TALLY CDECAT AUG7	48							

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY AUG8
ITEM NUMBER AUG8

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
SPDCA2183-FW-1 SUR	P-E SOL ISI-SPDCA-218-3		RR	10/03/95	Y	NRI		
SPDCA2184-FW-1 SUR	P-E SOL ISI-SPDCA-218-4		RR	10/03/95	Y	NRI		
SPDCA2192-FW-1 SUR	P-E SOL ISI-DCA-219-2		RR	10/03/95	Y	NRI		
SPDCA2194-FW-1 SUR	P-E SOL ISI-DCA-219-4		RR	10/03/95	Y	NRI		
SPDCA2203-FW-13 SUR	P-E SOL ISI-DCA-220-3		RR	10/09/95	Y	NRI		
SPDCA2205-FW-20 SUR	P-E SOL ISI-DCA-220-5		RR	10/09/95	Y	NRI		
SPDCA2213-FW-1 SUR	P-E SOL ISI-DCA-221-3		RR	10/09/95	Y	NRI		
SPDCA2215-FW-1 SUR	P-E-SOL ISI-DCA-221-5		RR	10/09/95	Y	NRI		
TALLY ITEM AUG8	8							
TALLY CDECAT AUG8	8							

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-A
ITEM NUMBER B1.21

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
AH(0-120) VOL	TPHEAD CIRC(0-1 C-198624		RPV-E	10/16/95	N	NRI		

TALLY ITEM B1.21 1

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-A
ITEM NUMBER B1.22

AS OF: 12/06/95

CID ----- EXAM TYPE	DESC ----- ISI ISO	CAL BLOCK -----	SYSTEM ----- INFNUM	ANII SIGN-OFF ----- CNFNUM	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
DP VOL	TPHEAD MERID C-198624	V-3.	RPV-E	10/16/95	Y	0 DEG LAMINARS	SAME AS PRE-SRV	
DR VOL	TPHEAD MERID C-198624	V-3	RPV-E	10/16/95	Y	0 DEG LAMINARS	SAME AS PRE-SRV	

TALLY ITEM B1.22 2

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-A
 ITEM NUMBER B1.30

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
AF (0-120) VOL	SC5-VFLG(0-120) C-198624	V-5	RPV-E 95-042	10/16/95	N	NRI		

TALLY ITEM B1.30 1

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-A
 ITEM NUMBER B1.40

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
AG (0-120) VOL	TPHEAD-FLG(0-12 C-198624	V-3	RPV-E	10/16/95	N	NRI		
AG (0-120) SUR	TPHEAD-FLG(0-12 C-198624		RPV-E	10/16/95	N	NRI		
TALLY ITEM B1.40	2							
TALLY CDECAT B-A	6							

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
ITEM NUMBER B6.10

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT.</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
RPV-NUT-51 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-52 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-53 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-54 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-55 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-56 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-57 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-58 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
ITEM NUMBER B6.10

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
RPV-NUT-59 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-60 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-61 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-62 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-63 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-64 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-65 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-66 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
ITEM NUMBER B6.10

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
RPV-NUT-67 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-68 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-69 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-70 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-71 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-72 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-73 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-74 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
ITEM NUMBER B6.10

AS OF: 12/06/95

CID -----	DESC -----	CAL BLOCK -----	SYSTEM -----	ANII SIGN-OFF -----	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
EXAM TYPE -----	ISI ISO -----		INFNUM -----	CNFNUM -----				
RPV-NUT-75 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-NUT-76 SUR	RPV NUT FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		

TALLY ITEM B6.10 .26

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
ITEM NUMBER B6.190

AS OF: 12/06/95

CID ----	DESC -----	CAL BLOCK -----	SYSTEM -----	ANII SIGN-OFF -----	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
EXAM TYPE -----	ISI ISO -----		INFNUM -----	CNFNUM -----				
2P401A-FLSUR-01 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		
2P401A-FLSUR-02 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		
2P401A-FLSUR-03 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		
2P401A-FLSUR-04 VT-1	PUMP FLANGE SUR C-199554		RR	10/30/95	Y	NRI		
2P401A-FLSUR-05 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		
2P401A-FLSUR-06 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		
2P401A-FLSUR-07 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		
2P401A-FLSUR-08 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
ITEM NUMBER B6.190

AS OF: 12/06/95

CID ----- EXAM TYPE	DESC ----- ISI ISO	CAL BLOCK -----	SYSTEM ----- INFNUM	ANII SIGN-OFF ----- CNFNUM	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
2P401A-FLSUR-09 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		
2P401A-FLSUR-10 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		
2P401A-FLSUR-11 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		
2P401A-FLSUR-12 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		
2P401A-FLSUR-13 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		
2P401A-FLSUR-14 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		
2P401A-FLSUR-15 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		
2P401A-FLSUR-16 VT-1	PUMP FLANGE SUR C-199554		RR	10/03/95	Y	NRI		

TALLY ITEM B6.190 16

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
 ITEM NUMBER B6.20

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
RPV-STUD-51 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/23/95	Y	NRI		
RPV-STUD-52 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/23/95	Y	NRI		
RPV-STUD-53 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/23/95	Y	NRI		
RPV-STUD-54 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	10/02/95	Y	NRI		
RPV-STUD-55 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-56 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-57 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	10/02/95	Y	NRI		
RPV-STUD-58 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
ITEM NUMBER B6.20

AS OF: 12/06/95

CID ----	DESC -----	CAL BLOCK -----	SYSTEM -----	ANII SIGN-OFF -----	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
EXAM TYPE -----	ISI ISO -----		INFNUM -----	CNFNUM -----				
RPV-STUD-59 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-60 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-61 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-62 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-63 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-64 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-65 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-66 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
ITEM NUMBER B6.20

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
RPV-STUD-67 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-68 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-69 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-70 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-71 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-72 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-73 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-74 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
 ITEM NUMBER B6.20

AS OF: 12/06/95

CID ----- EXAM TYPE -----	DESC ISI ISO -----	CAL BLOCK -----	SYSTEM INFNUM -----	ANII SIGN-OFF ----- CNFNUM	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
RPV-STUD-75 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		
RPV-STUD-76 VOL	RPV STUD FF113011 SHT 3001	V-28	RPV-E	09/25/95	Y	NRI		

TALLY ITEM B6.20 26

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
ITEM NUMBER B6.30

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL BLOCK</u>	<u>SYSTEM</u>	<u>ANII SIGN-OFF</u>	<u>PROGRAM CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
RPV-STUD-18 VOL	RPV STUD	V-28	RPV-E 95-045	10/11/95	Y	NRI		
RPV-STUD-18 SUR	RPV STUD		RPV-E 95-045	10/11/95	Y	NRI		
RPV-STUD-19 VOL	RPV STUD	V-28	RPV-E 95-045	10/11/95	Y	NRI		
RPV-STUD-19 SUR	RPV STUD		RPV-E 95-045	10/11/95	Y	NRI		
RPV-STUD-20 VOL	RPV STUD	V-28	RPV-E 95-045	10/11/95	Y	NRI		
RPV-STUD-20 SUR	RPV STUD		RPV-E 95-045	10/11/95	Y	NRI		
RPV-STUD-21 VOL	RPV STUD	V-28	RPV-E 95-045	10/11/95	Y	NRI		
RPV-STUD-21 SUR	RPV STUD		RPV-E 95-045	10/11/95	Y	NRI		

TALLY ITEM B6.30 8

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
ITEM NUMBER B6.50

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
RPV-WASH-51 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-52 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-53 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-54 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-55 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-56 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-57 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-58 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
ITEM NUMBER B6.50

AS OF: 12/06/95

CID ----- EXAM TYPE -----	DESC ----- ISI ISO -----	CAL BLOCK -----	SYSTEM ----- INFNUM -----	ANII SIGN-OFF ----- CNFNUM -----	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
RPV-WASH-59 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-60 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-61 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-62 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-63 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-64 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-65 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-66 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
 ITEM NUMBER B6.50

AS OF: 12/06/95

CID ---	DESC -----	CAL BLOCK -----	SYSTEM -----	ANII SIGN-OFF -----	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
EXAM TYPE -----	ISI ISO -----		INFNUM -----	CNFNUM -----				
RPV-WASH-67 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-68 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-69 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-70 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-71 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-72 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-73 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-74 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-1
 ITEM NUMBER B6.50

AS OF: 12/06/95

CID ----- EXAM TYPE	DESC ----- ISI ISO	CAL BLOCK -----	SYSTEM ----- INFNUM	ANII SIGN-OFF ----- CNFNUM	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
RPV-WASH-75 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		
RPV-WASH-76 VT-1	RPV WASH FF113010 SHT 8601		RPV-E	10/11/95	Y	NRI		

TALLY ITEM B6.50 26
 TALLY CDECAT B-G-1 102

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-2
ITEM NUMBER B7.50

AS OF: 12/06/95

CID ---	DESC ---	CAL BLOCK ---	SYSTEM ---	ANII SIGN-OFF ---	PROGRAM CREDIT ---	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
EXAM TYPE -----	ISI ISO -----		INFNUM -----	CNFNUM -----				
VNBB213-20-E-BG2 VT-1	FLANGE BOLTING ISI-VNBB-21-3		MS	09/25/95	Y	NRI		
VNBB213-20-K-BG2 VT-1	FLANGE BOLTING ISI-VNBB-21-3		MS	09/25/95	Y	NRI		
VNBB213-20-N-BG2 VT-1	FLANGE BOLTING ISI-VNBB-21-3		MS	09/25/95	Y	NRI		
VNBB213-20-S-BG2 VT-1	FLANGE BOLTING ISI-VNBB-21-3		MS	09/25/95	Y	NRI		
VNBB213-20-T-BG2 VT-1	FLANGE BOLTING ISI-VNBB-21-3		MS	09/23/95	Y	NRI		

TALLY ITEM B7.50 5

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-2
ITEM NUMBER B7.70

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL BLOCK</u>	<u>SYSTEM</u>	<u>ANII SIGN-OFF</u>	<u>PROGRAM CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
2F010A-BG2 VT-1	VALVE BOLTING ISI-DLA-201-1		FW	10/09/95	Y	NRI		
HV2F023B-BG2 VT-1	VALVE BOLTING ISI-VRRB-31-4		RR	10/02/95	Y	NRI		

TALLY ITEM B7.70 2

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-2
ITEM NUMBER B7.80

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
CRD-06-19-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	YES	REPLACE ALL 8	9500547
CRD-10-11-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	NRI	REPLACE ALL 8	
CRD-10-31-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	YES	REPLACE ALL 8	9500547
CRD-14-11-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	NRI	REPLACE ALL 8	
CRD-14-51-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	YES	REPLACE ALL 8	9500547
CRD-14-55-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	YES	REPLACE ALL 8	9500547
CRD-22-23-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	YES	REPLACE ALL 8	9500547
CRD-26-51-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	YES	REPLACE ALL 8	9500547

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-2
ITEM NUMBER B7.80

AS OF: 12/06/95

CID ---	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
CRD-30-03-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	YES	REPLACE ALL 8	9500547
CRD-30-07-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	YES	REPLACE ALL 8	9500547
CRD-30-11-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	NRI	REPLACE ALL 8	0000000
CRD-30-23-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	NRI	REPLACE ALL 8	
CRD-30-27-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	YES	REPLACE ALL 8	9500547
CRD-30-31-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	NRI	REPLACE ALL 8	
CRD-30-35-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	NRI	REPLACE ALL 8	
CRD-34-43-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	YES	REPLACE ALL 8	9500547

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-G-2
ITEM NUMBER B7.80

AS OF: 12/06/95

CID ----	DESC -----	CAL BLOCK -----	SYSTEM -----	ANII SIGN-OFF -----	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
EXAM TYPE -----	ISI ISO -----		INFNUM -----	CNFNUM -----				
CRD-42-19-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	NRI	REPLACE ALL 8	
CRD-46-27-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	NRI	REPLACE ALL 8	
CRD-46-39-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	YES	REPLACE ALL 8	9500547
CRD-50-11-BLT VT-1	CRD HOUSING BLT		RPV-E 95-056	10/16/95	Y	YES	REPLACE ALL 8	9500547

TALLY ITEM B7.80 20
TALLY CDECAT B-G-2 27

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-J
ITEM NUMBER B9.11

AS OF: 12/06/95

CID ----- EXAM TYPE -----	DESC ISI ISO -----	CAL BLOCK -----	SYSTEM INFNUM -----	ANII SIGN-OFF CNFNUM -----	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
DCA2071-FW-4 SUR	V-E ISI-DCA-207-1		CS	10/02/95	Y	NRI		
DCA2071-FW-4 VOL	V-E ISI-DCA-207-1	P-35	CS	10/03/95	Y	NRI		
DCA2071-FW-5 SUR	RED-SE EXT ISI-DCA-207-1		CS	10/02/95	Y	NRI		
DCA2071-FW-5 VOL	RED-SE EXT ISI-DCA-207-1	P-26	CS	10/03/95	Y	NRI		
DCA2071-2-B SUR	P-RED ISI-DCA-207-1		CS	10/02/95	Y	NRI		
DCA2071-2-B VOL	P-RED ISI-DCA-207-1	P-33	CS	10/03/95	Y	NRI		
DLA2011-FW-2 SUR	V-FH ISI-DLA-201-1		FW	10/02/95	Y	NRI		
DLA2011-FW-2 VOL	V-FH ISI-DLA-201-1	P-70	FW	09/29/95	Y	ROOT GEOMETRY	ACCEPT	

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-J
ITEM NUMBER B9.11

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
DLA2011-FW-4 SUR	FH-V ISI-DLA-201-1		FW	10/11/95	Y	NRI		
DLA2011-FW-4 VOL	FH-V ISI-DLA-201-1	P-70	FW	10/12/95	Y	NRI		
DBA2022-FW-2 SUR	P-V ISI-DBA-202-2		HPCI	10/11/95	Y	NRI		
DBA2022-FW-2 VOL	P-V ISI-DBA-202-2	P-23	HPCI	10/11/95	Y	NRI		
DBA2022-FW-4 SUR	P-FH ISI-DBA-202-2		HPCI	10/12/95	Y	NRI		
DBA2022-FW-4 VOL	P-FH ISI-DBA-202-2	P-23	HPCI	10/12/95	Y	ROOT GEOMETRY	ACCEPT	
VNBB213-FW-C-15 SUR	SWOL-P ISI-VNBB-21-3		MS	10/11/95	Y	NRI		
VNBB213-FW-C-15 VOL	SWOL-P ISI-VNBB-21-3	P-4	MS	10/11/95	Y	ROOT GEOMETRY	ACCEPT	

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-J
ITEM NUMBER B9.11

AS OF: 12/06/95

CID ----- EXAM TYPE -----	DESC ISI ISO -----	CAL BLOCK	SYSTEM INFNUM -----	ANII SIGN-OFF CNFNUM -----	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
VNBB213-FW-C-4 SUR	E-V ISI-VNBB-21-3		MS	10/10/95	Y	NRI		
VNBB213-FW-C-4 VOL	E-V ISI-VNBB-21-3	P-77	MS 95-073	10/10/95	Y	ROOT GEOMETRY	ACCEPT	
VNBB213-FW-C-5 SUR	V-FH ISI-VNBB-21-3		MS	10/11/95	Y	NRI		
VNBB213-FW-C-5 VOL	V-FH ISI-VNBB-21-3	P-77	MS	10/11/95	Y	ROOT GEOMETRY	ACCEPT	
DCA2081-FW-13 SUR	P-V ISI-DCA-208-1		RHR	10/02/95	Y	NRI		
DCA2081-FW-13 VOL	P-V ISI-DCA-208-1	P-56	RHR	10/02/95	Y	NRI		
DCA2081-FW-2 SUR	P-V ISI-DCA-208-1		RHR 95-072	10/10/95	N			
DCA2081-FW-3 SUR	V-E ISI-DCA-208-1		RHR	10/02/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-J
ITEM NUMBER B9.11

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
DCA2081-FW-3 VOL	V-E ISI-DCA-208-1	P-56	RHR	10/03/95	Y	NRI		
DCA2081-FW-5 SUR	V-P ISI-DCA-208-1		RHR	10/02/95	Y	NRI		
DCA2081-FW-5 VOL	V-P ISI-DCA-208-1	P-56	RHR	10/02/95	Y	NRI		
DCA2081-FW-9 SUR	FH-V ISI-DCA-208-1		RHR 95-071	08/03/95	N			
VRRB314-FW-B-16 SUR	P-SE ISI-VRRB-31-4		RR	10/09/95	Y	NRI		
VRRB314-FW-B-16 VOL	P-SE ISI-VRRB-31-4	P-93	RR	10/03/95	Y	NRI		
VRRB314-FW-B-19 SUR	P-SE ISI-VRRB-31-4		RR	10/06/95	Y	NRI		
VRRB314-FW-B-19 VOL	P-SE ISI-VRRB-31-4	P-93	RR	10/03/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-J
ITEM NUMBER B9.11

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
DCA2022-FW-4 SUR	P-FH ISI-DCA-202-2		RWCU	10/10/95	Y	NRI		
DCA2022-FW-4 VOL	P-FH ISI-DCA-202-2	P-5	RWCU	10/11/95	Y	NRI		
DCA2022-FW-6 SUR	P-P ISI-DCA-202-2		RWCU	10/02/95	Y	NRI		
DCA2022-FW-6 VOL	P-P ISI-DCA-202-2	P-4/5	RWCU	10/03/95	Y	NRI		

TALLY ITEM B9.11 36

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-J
 ITEM NUMBER B9.12

AS OF: 12/06/95

CID ----- EXAM TYPE -----	DESC ----- ISI ISO -----	CAL BLOCK -----	SYSTEM ----- INFNUM -----	ANII SIGN-OFF ----- CNFNUM -----	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
DCA2081-1-B SUR	PIPE SEAM (DN 1 ISI-DCA-208-1		RHR 95-072	10/09/95	N			
DCA2081-2-E SUR	PIPE SEAM (UP F ISI-DCA-208-1		RHR	10/02/95	N	NRI		
DCA2081-2-E VOL	PIPE SEAM (UP F ISI-DCA-208-1	P-56	RHR	10/02/95	N	NRI		
DCA2081-6-A SUR	PIPE SEAM (DN F ISI-DCA-208-1		RHR	10/02/95	N	NRI		
DCA2081-6-A VOL	PIPE SEAM (DN F ISI-DCA-208-1	P-56	RHR	10/03/95	N	NRI		

TALLY ITEM B9.12 5

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

NOTE: Exams performed using Code Case N-524, no program credit taken until this code case is approved.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-J
 ITEM NUMBER B9.31

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANI</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
VNBB213-19-C SUR	P-SWOL ISI-VNB-B21-3		MS	10/11/95	Y	NRI		
VNBB213-19-C VOL	P-SWOL ISI-VNB-B21-3	P-75	MS	10/12/95	Y	NRI		
TALLY ITEM B9.31	2							
TALLY CDECAT B-J	43							

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-N-1
ITEM NUMBER B13.10

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
N3A UNCLAD AREAS VT-3	UNCLAD INT SURF C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N3B UNCLAD AREAS VT-3	UNCLAD INT SURF C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N3C UNCLAD AREAS VT-3	UNCLAD INT SURF C-199587 SHT 1		RPV-I 95-051	10/02/95	Y	NRI		
N3D UNCLAD AREAS VT-3	UNCLAD INT SURF C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N4A UNCLAD AREAS VT-3	UNCLAD INT SURF C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N4B UNCLAD AREAS VT-3	UNCLAD INT SURF C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N4C UNCLAD AREAS VT-3	UNCLAD INT SURF C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N4D UNCLAD AREAS VT-3	UNCLAD INT SURF C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-N-1
 ITEM NUMBER B13.10

AS OF: 12/06/95

CID ----- EXAM TYPE	DESC ISI ISO	CAL BLOCK -----	SYSTEM INFNUM	ANII SIGN-OFF CNFNUM	PROGRAM CREDIT	INDICATION	RESOLUT1 -----	NCRNUM1 -----
N4E UNCLAD AREAS VT-3	UNCLAD INT SURF C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
N4F UNCLAD AREAS VT-3	UNCLAD INT SURF C-199587 SHT 1		RPV-I	10/02/95	Y	NRI		
TALLY ITEM B13.10 10								
TALLY CDECAT B-N-1 10								

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-N-2
 ITEM NUMBER B13.30

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANTI SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1.	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
BAFFLE PLATE WELD VT-1	RPV ATTACH WELD C-199587 SHT 2		RPV-I 95-051	10/02/95	Y	NRI		

TALLY ITEM B13.30 1

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY B-N-2
ITEM NUMBER B13.40

AS OF: 12/06/95.

CID	DESC	CAL BLOCK	SYSTEM	ANI SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
BAFFLE PLATE VT-3.	CORE SUPPORT C-199587 SHT 2		RPV-I	10/02/95	Y	NRI		
SHROUD VOL	CORE SUPPORT C-199587 SHT 1		RPV-I 95-051	10/30/95	Y	YES	UAI	9500461
SHROUD ACCESS COVER VT-1	180 ACSS HOLE C		RPV-I	10/02/95	Y	NRI		
SHROUD ACCESS COVER VT-1	180 ACSS HOLE C		RPV-I 95-065	10/02/95	Y	NRI		
SHROUD SUPPORT VT-1	CORE SUPPORT C-199587 SHT 2		RPV-I 95-051	10/03/95	Y	NRI		
TOP GUIDE VT-3	PLATE/BOLTS C-199587 SHT 1		RPV-I 94-054	10/02/95	Y	NRI		
TALLY ITEM B13.40 6								
TALLY CDECAT B-N-2 7								

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY C-F-2
ITEM NUMBER CS.51

AS OF: 12/06/95

CID ----- EXAM TYPE -----	DESC ISI ISO -----	CAL BLOCK -----	SYSTEM INFNUM	ANII SIGN-OFF CNFNUM	PROGRAM CREDIT	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
VBB2021-FW-2 VOL	P-E ISI-VBB-202-1	P-20	CRD	10/03/95	Y	ROOT GEOMETRY	ACCEPT	
VBB2021-FW-2 SUR	P-E ISI-VBB-202-1		CRD	10/03/95	Y	NRI		
VBB2021-FW-4 SUR	P-T ISI-VBB-202-1		CRD	10/03/95	Y	NRI		
VBB2021-FW-4 VOL	P-T ISI-VBB-202-1	P-20	CRD	10/03/95	Y	NRI		
DBB2131-FW-1 VOL	P-V ISI-DBB-213-1	P-34	CS	08/03/95	Y	NRI		
DBB2131-FW-1 SUR	P-V ISI-DBB-213-1		CS	08/03/95	Y	NRI		
DBB2131-FW-2 VOL	V-P ISI-DBB-213-1	P-34	CS	08/03/95	Y	NRI		
DBB2131-FW-2 SUR	V-P ISI-DBB-213-1		CS	08/03/95	Y	NRI		

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY C-F-2
ITEM NUMBER C5.51

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANI</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
DBB2181-FW-5 VOL	P-V ISI-DBB-218-1	P-69	FW 95-059	10/03/95	Y	NRI		
DBB2181-FW-5 SUR	P-V ISI-DBB-218-1		FW	10/03/95	Y	NRI		
HBB2071-FW-6 SUR	P-V ISI-HBB-207-1		HPCI	09/27/95	Y	NRI		
HBB2071-FW-6 VOL	P-V ISI-HBB-207-1	P-41	HPCI	09/27/95	Y	NRI		
HBB2071-3-A SUR	E-P ISI-HBB-207-1		HPCI	09/27/95	Y	NRI		
HBB2071-3-A VOL	E-P ISI-HBB-207-1	P-41	HPCI	10/02/95	Y	NRI		
HBB2081-1-B SUR	T-P ISI-HBB-208-1		HPCI	10/30/95	Y	NRI		
HBB2081-1-B VOL	T-P ISI-HBB-208-1	P-48	HPCI	10/30/95	Y	NRI		

TALLY ITEM C5.51 16
TALLY CODECAT C-F-2 16

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC..

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY C-G
ITEM NUMBER C6.10

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
2P206D-361-3-13 SUR	FL-P C-199560		CS	08/03/95	Y	NRI		
2P206D-361-4-6 SUR	E-FL C-199560		CS	08/03/95	Y	NRI		
2P206D-361-5-13 SUR	P-SH C-199560		CS	08/03/95	Y	NRI		
2P206D-361-5-6 SUR	E-SH C-199560		CS	08/03/95	Y	NRI		
TALLY ITEM C6.10								4
TALLY CDECAT C-G								4

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY D-A
ITEM NUMBER D1.20

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
GBC20110-H143-IA VT-1	H143/4 INT ATT ISI-GBC-201-10-H		MS	10/02/95	N.	NRI		

TALLY ITEM D1.20 1
TALLY CDECAT D-A 1

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

NOTE: Exam performed using Code Case n-509. No program credit taken until this code case is approved.



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY F-A
ITEM NUMBER F1.10A

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL</u> <u>BLOCK</u>	<u>SYSTEM</u>	<u>ANII</u> <u>SIGN-OFF</u>	<u>PROGRAM</u> <u>CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
DCA2081-H-X12 VT-3	FLUED HEAD ISI-DCA-208-1		RHR	08/03/95	Y	NRI		
DCA2022-H16 VT-3	FLUED HEAD ISI-DCA-202-2-H16		RWCU	10/02/95	Y	NRI		
SPDCA2062-H-X42 VT-3	FLUED HEAD ISI-SPDCA-206-2-H		SBLC	10/03/95	Y	VISUAL	ACCEPT	

TALLY ITEM F1.10A 3

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY F-A
 ITEM NUMBER F1.10R

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESQUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
SPDCA2063-H2611 VT-3	SWAY ST ISI-SPDCA-206-3-H		SBLC	10/03/95	Y	NRI		

TALLY ITEM F1.10R 1

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY F-A
ITEM NUMBER F1.10S

AS OF: 12/06/95

CID ----	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE -----	ISI ISO		INFNUM	CNFNUM				
DCA2071-H1 VT-3	VAR SUP ISI-DCA-207-1-H		CS	09/25/95	Y	NRI		
DLA2041-H8 VT-3	SNUB MECH ISI-DLA-204-1-H		FW 95-068	10/30/95	N	VISUAL	REWORK	
MST222-H30 VT-3	SNUB MECH ISI-VNBB-21-4-H		MS	09/25/95	Y	NRI		
MST222-H5 VT-3	VAR SUP ISI-VNBB-21-4-H		MS	10/09/95	Y	NRI		
DCA2081-H5 VT-3	SNUB MECH ISI-DCA-208-1-H		RHR	10/09/95	Y	NRI		
DCA2102-H1 VT-3	VAR SUP ISI-DCA-210-2-H		RHR 95-067	10/30/95	Y	VISUAL	ACCEPT/DCN	
RWS200-H26 VT-3	SNUB MECH ISI-VRRB-31-4-H		RR 95-076	10/30/95	N	VISUAL	REWORK	
RWS200-H38 VT-3	SNUB MECH ISI-VRRB-31-4-H		RR	10/12/95	Y	NRI		

TALLY ITEM F1.10S 8

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY F-A
 ITEM NUMBER F1.20R

AS OF: 12/06/95

<u>CID</u>	<u>DESC</u>	<u>CAL BLOCK</u>	<u>SYSTEM</u>	<u>ANII SIGN-OFF</u>	<u>PROGRAM CREDIT</u>	<u>INDICATION</u>	<u>RESOLUT1</u>	<u>NCRNUM1</u>
<u>EXAM TYPE</u>	<u>ISI ISO</u>		<u>INFNUM</u>	<u>CNFNUM</u>				
VBB2021-H6 VT-3	RIGID HANG ISI-VBB-202-1-H		CRD	10/03/95	Y	NRI		
DBB2141-H5 VT-3	RIGID HANG ISI-DBB-214-1-H		HPCI	08/03/95	Y	NRI		

TALLY ITEM F1.20R 2

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY F-A
 ITEM NUMBER F1.20S

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
DBB2141-H24 VT-3	VAR SUP ISI-DBB-214-1-H		HPCI	10/30/95	Y	NRI		

TALLY ITEM F1.20S 1

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY F-A
 ITEM NUMBER F1.30R

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
GBC20111-H249 VT-3	SWAY ST ISI-GBC-201-11-H		MS	10/11/95	Y	NRI		

TALLY ITEM F1.30R 1

THIS SPACE RESERVED FOR FOOTNOTES, COMMENTS, ETC.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY F-A
 ITEM NUMBER F1.30S

AS OF: 12/06/95

CID ----	DESC -----	CAL BLOCK -----	SYSTEM -----	ANII SIGN-OFF -----	PROGRAM CREDIT -----	INDICATION -----	RESOLUT1 -----	NCRNUM1 -----
EXAM TYPE -----	ISI ISO -----		INFNUM -----	CNFNUM -----				
GBC20110-H143 VT-3	SNUB MECH ISI-GBC-201-10-H		MS	09/25/95	Y	NRI		
GBC2018-H42 VT-3	VAR SUP ISI-GBC-201-8-H		MS	09/25/95	Y	NRI		

TALLY ITEM F1.30S 2

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
 LIST OF EXAMS - SEVENTH REFUELING OUTAGE

OUTAGE SUMMARY REPORT

CODE CATEGORY F-A
 ITEM NUMBER F1.40

AS OF: 12/06/95

CID	DESC	CAL BLOCK	SYSTEM	ANII SIGN-OFF	PROGRAM CREDIT	INDICATION	RESOLUT1	NCRNUM1
EXAM TYPE	ISI ISO		INFNUM	CNFNUM				
2P-206D VT-3	ANCHOR BOLTS C-199560		CS	08/03/95	Y	NRI		

TALLY ITEM F1.40 1
 TALLY CDECAT F-A 19

THIS SPACE RESERVED FOR FOOTNOTES; COMMENTS; ETC.

SNUBBER FUNCTIONAL TESTING LISTING

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
DBA 201H 6	02758	3	Y40434		X		X	0			X
DBA 201H 12	19822	3	Y40434		X		X	0			X
DBA 201H 15	14417	10	Y40420		X		X	0			X
DBA 201H 16	19487	3	Y40434		X		X	0			X
DBA 201H 21	19747	3	Y40377	S	09/19/95	2076	09/22/95	1532	PASS	19503	09/23/95
ALARA CONCERNS,C/S F1 1/2,R2 1/2,L1 1/2											
DBA 201H 29	14196	10	Y40420		X		X	0			X
DBA 201H 30	19482	3	Y40434		X		X	0			X
DBA 202H 7A	09476	35	Y40378	S	09/19/95	2050	09/21/95	738	PASS		09/23/95
C/S F 3 5/8 R 3 1/2 L 3 1/2											
DBA 202H 7B	09494	35	Y40378	S	09/19/95	2037	09/20/95	800	PASS		09/23/95
C/S F 3 1/4 R 3 1/4 L 3 1/4											
DBA 202H 10	03291	35	Y40440		X		X	0			X
DBA 202H 12	09450	35	Y40440		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
DBA 205H 6A	23390	1	Y40404		X		X	0			X
DBA 205H 6B	23395	1	Y40404		X		X	0			X
DBA 205H 7	01239	10	Y40421		X		X	0			X
DBA 205H 8	01240	10	Y40421		X		X	0			X
DBA 205H 11	16325	10	Y40421		X		X	0			X
DBA 205H 16	00136	.05	Y40401		X		X	0			X
DBA 205H 17	00137	.05	Y40402		X		X	0			X
DBA 208H 2	19472	3	Y40435		X		X	0			X
DBA 208H 5	19755	3	Y40435		X		X	0			X
DBA 208H 17	19494	3	Y40379	S	09/20/95	2064	09/22/95	719	PASS		09/23/95
	C/S F 3 1/4	R 3 1/4	L 3 1/4								
DBA 208H 19	06805	3	Y40435		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE		
MEMO1				CWO NO.	RCDE								
MEMO2													
DBB 201H 3A C/S F 4 5/8	01309 R 4 1/2	35 L 4 5/8	Y40352	S			09/18/95	2033	09/19/95	1727	PASS		10/01/95
DBB 201H 3B C/S F 4 1/2	01306 R 4 1/4	35 L 4 5/8	Y40352	S			09/18/95	2059	09/21/95	1506	PASS		10/01/95
DBB 201H 10A	01153	35	Y40551		X				X	0			X
DBB 201H 10B	01152	35	Y40551		X				X	0			X
DBB 201H 11A	14412	10	Y40499		X				X	0			X
DBB 201H 11B	04121	10	Y40499		X				X	0			X
DBB 201H 17 CAPSTAN SPRING	00307 C/S F 6	3L R 6 L 6 1/2	Y40353	F			09/18/95	2028	09/19/95	1341	DEGRADE	307	10/01/95
DBB 201H 24 C/S F 5 R 5	02432 L 5 1/4	100	Y40353	R			09/18/95	2043	09/20/95	1347	PASS		10/01/95
DBB 202H 4A	01156	35	Y40551		X				X	0			X
DBB 202H 4B	09485	35	Y40551		X				X	0			X
DBB 202H 10A	02765	35	Y40551		X				X	0			X



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
DBB 202H 10B	02645	35	Y40551		X		X	0			X
DBB 202H 12A 1 SPHER BUSH C/S	02575	10	Y40352	S	09/18/95	2017	09/18/95	1608	PASS		10/01/95
	F 2 1/4, R 2, L 1 11/16										
DBB 202H 12B	13677	10	Y40352	S	09/18/95	2018	09/18/95	1731	PASS		10/01/95
	C/S F 2 R 2 L 1 9/16										
DBB 203H 3A	02563	10	Y40352	S	09/18/95	2022	09/19/95	814	PASS		10/01/95
	C/S F 3 3/4 R 4 L 3 3/4										
DBB 203H 3B	02568	10	Y40352	S	09/18/95	2023	09/19/95	917	PASS		10/01/95
	C/S F 3 3/4 R 3 1/2 L 3 3/4										
DBB 203H 9A	01271	35	Y40551		X		X	0			X
DBB 203H 9B	01272	35	Y40551		X		X	0			X
DBB 203H 11A	14415	10	Y40499		X		X	0			X
DBB 203H 11B	02562	10	Y40499		X		X	0			X
DBB 203H 16	00274	3L	Y40353	F	09/18/95	2027	09/19/95	1309	PASS		10/01/95
	C/S F 2 5/8 R 2 3/4 L 2 1/2										
DBB 203H 21A	00531	100	Y40527		X		X	0			X



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
DBB 203H 21B	01647	100	Y40527		X		X	0			X
DBB 204H 2A	01278	35	Y40552		X		X	0			X
DBB 204H 2B	01260	35	Y40552		X		X	0			X
DBB 204H 4A	01171	35	Y40552		X		X	0			X
DBB 204H 4B	01166	35	Y40552		X		X	0			X
DBB 204H 7A C/S F 4 R 4 L 4 1/4	14771	10	Y40352	S	09/18/95	2016	09/18/95	1544	PASS		10/01/95
DBB 204H 7B 1 SPHER BUSH, C/S F 4, R 4, L 4 1/4	00384	10	Y40352	S	09/18/95	2015	09/18/95	1423	PASS		10/01/95
DBB 204H 16	00400	3L	Y40549		X		X	0			X
DBB 204H 17A	01595	100	Y40528		X		X	0			X
DBB 204H 17B	02397	100	Y40528		X		X	0			X
DBB 205H 2 C/S F 1 5/8 R 2 L 1 3/8	01597	100	Y40352	R	09/18/95	2044	09/20/95	1430	PASS		10/01/95

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
DBB 205H 9	02766	35	Y40553		X		X	0			X
DBB 209H 16	19776	3	Y40530		X		X	0			X
DBB 209H 18	14375	1/2	Y40366	S	05/30/95	2000	05/30/95	843	PASS		05/30/95
	C/S F 1 5/16	R 1 5/16	L								
DBB 209H 21	00134	.05	Y40578		X		X	0			X
DBB 209H 22	00135	.05	Y40456		X		X	0			X
DBB 213H 3	09531	35	Y40554		X		X	0			X
DBB 214H 25	00118	.12	Y40458		X		X	0			X
DBB 214H 26	00119	.12	Y40459		X		X	0			X
DBB 214H 27	00122	.12	Y40362	S	09/18/95	2075	09/22/95	1413	PASS		09/24/95
	C/S F 4 3/4	R 4 3/4	L 4 5/8								
DBB 214H 28	00138	.05	Y40457		X		X	0			X
DBB 217H 51	12950	10	Y40500		X		X	0			X



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
DBD 201H 36B C/S F3 R 3 1/4 L 3 1/8	01364	35	Y40358	S	09/18/95	2029	09/19/95	1413	PASS		09/25/95
DBD 201H 51	09497	35	Y40558		X		X	0			X
DBD 201H 52	09464	35	Y40559		X		X	0			X
DBD 201H 54A	10712	35	Y40559		X		X	0			X
DBD 201H 54B	10711	35	Y40559		X		X	0			X
DBD 201H 57	09513	35	Y40559		X		X	0			X
DBD 201H 60 C/S F 3 1/4 R 2 3/4 L 3 1/4	09463	35	Y40357	F	09/18/95	2083	09/25/95	1144	PASS		10/01/95
DBD 201H 63	09498	35	Y40560		X		X	0			X
DBD 201H 24AA	14762	10	Y40504		X		X	0			X
DBD 201H 24AB	14760	10	Y40504		X		X	0			X
DBD 201H 24BC	14761	10	Y40504		X		X	0			X



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
DBD 201H 24BD	14763	10	Y40504		X		X	0			X
DBD 205H 17	09452	35	Y40560		X		X	0			X
DBD 205H 22A	07405	35	Y40560		X		X	0			X
DBD 205H 22B	09471	35	Y40560		X		X	0			X
DBD 205H 23A C/S F 2 R 2 L 1 3/4	14406	10	Y40386	R	09/18/95	2014	09/18/95	1354	PASS		09/23/95
DBD 205H 23B C/S F 2 R 1 3/4 L 1 3/4	14407	10	Y40386	R	09/18/95	2012	09/18/95	1314	PASS		09/23/95
DCA 202H 3	06072	3	Y40436		X		X	0			X
DCA 202H 4B M=1090 C/S F 4 1/4 R 4 1/2 L 4 1/8	19761	3	Y40380	S	09/18/95	2074	09/22/95	1337	FAIL	04569	09/26/95
DCA 202H 7	19447	3	Y40437		X		X	0			X
DCA 203H 9	20821	1	Y40405		X		X	0			X
DCA 207H 7 C/S F 2 3/4 R 2 3/4 L 2 3/4	07402	35	Y40381	S	09/18/95	2039	09/20/95	914	PASS		09/21/95

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
DCA 207H 12	00800	35	Y40441		X		X	0			X
DCA 207H 15 C/S F 3 1/2	10543 R 3 1/4	35 L 3 3/8	Y40381	S	09/18/95	2032	09/19/95	1642	PASS		09/21/95
DCA 207H 16	03477	35	Y40441		X		X	0			X
DCA 208H 4	02800	35	Y40442		X		X	0			X
DCA 208H 5	07389	35	Y40442		X		X	0			X
DCA 208H 6	03253	35	Y40442		X		X	0			X
DCA 208H 7	07400	35	Y40442		X		X	0			X
DCA 210H 10 C/S F 2 5/8	03777 R 2 1/2	35 L 2 5/8	Y40382	S	09/18/95	2031	09/19/95	1604	PASS		09/21/95
DCA 210H 19	03203	35	Y40443		X		X	0			X
DCA 210H 20	03184	35	Y40443		X		X	0			X
DCA 210H 21	03758	35	Y40443		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
DCA 210H 26	02758	35	Y40443		X		X	0			X
DCA 210H 29	01628	100	Y40427		X		X	0			X
DCA 210H 30	03677	35	Y40382	S	09/18/95	2038	09/20/95	851	PASS		09/21/95
C/S F 1 1/2	R 1 1/2	L 1 1/2									
DCA 210H 32	01575	100	Y40427		X		X	0			X
DCA 211H 3	04123	10	H40848		09/18/95	2021	09/19/95	740	PASS		10/11/95
C/S F 2 9/16	R 2 1/2	L 2 5/8		H40829							
DCA 211H 5	19466	3	H40848		09/18/95	2020	09/18/95	1856	PASS		10/11/95
C/S F 7/8	R 3/4	L 1		H40829							
DCA 211H 14	08711	10	Y40423		X		X	0			X
DCA 211H 15	14168	10	Y40423		X		X	0			X
DCA 211H 19	14757	10	Y40423		X		X	0			X
DCA 211H 35	14179	10	H40848		09/18/95	2013	09/18/95	1335	PASS		10/11/95
C/S F 3 3/4	R 3 3/4	L 3 5/8		H40829							
1 SPHER BUSH											
DCA 211H 36	12271	10	Y40423		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
DLA 201H	3	00120	.12	Y40403	X		X	0			X
DLA 202H	2	01572	100	Y40428	X		X	0			X
DLA 202H	8B	02398	100	Y40428	X		X	0			X
DLA 202H	9B	01179	35	Y40444	X		X	0			X
DLA 202H	11	10685	35	Y40444	X		X	0			X
DLA 202H	12	00922	35	Y40444	X		X	0			X
DLA 202H	14	03680	35	Y40444	X		X	0			X
DLA 203H	3	02275	100	Y40429	X		X	0			X
DLA 204H	5	03216	35	Y40445	X		X	0			X
DLA 204H	8B	01559	100	Y40375	S	09/19/95	2042	09/20/95	1311	PASS	09/28/95
C/S F 2 3/4 R 3 L 2 3/4											
2 H-H-NUTS, 1LOAD STUD											
DLA 204H	9A	02560	35	Y40375	S	09/19/95	2061	09/21-95	1723	PASS	09/28/95
C/S F 2 R 2 L 2											

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
DLA 204H 11 C/S F 2 R 2 L 2	07523 1/4	35	Y40375	S	09/19/95	2058	09/21/95	1438	PASS		09/28/95
DLA 204H 12	00813	35	Y40445		X		X	0			X
DLA 204H 14	03679	35	Y40445		X		X	0			X
EBB 202H 3	22888	1/4	Y40490		X		X	0			X
EBB 202H 54 C/S F 1 3/8	20410	1	Y40363	S	06/26/95	2001	06/26/95	1212	PASS		06/26/95
EBB 202H 55	20414	1	Y40460		X		X	0			X
EBB 202H 56	20413	1	Y40460		X		X	0			X
EBD 202H 2A	03557	3	Y40532		X		X	0			X
EBD 202H 2B	03558	3	Y40532		X		X	0			X
EBD 202H 7	03168	10	Y40505		X		X	0			X
EBD 202H 8A	09517	35	Y40561		X		X	0			X



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
EBD 202H	8B	09516	35	Y40561	X		X	0			X
EBD 202H	10	02613	35	Y40561	X		X	0			X
EBD 202H	12A	03474	3	Y40533	X		X	0			X
EBD 202H	12B	03473	3	Y40533	X		X	0			X
EBD 202H	18A	09501	35	Y40562	X		X	0			X
EBD 202H	18B	09500	35	Y40562	X		X	0			X
EBD 202H	20	02581	35	Y40562	X		X	0			X
EBD 202H	22A	06831	3	Y40534	X		X	0			X
EBD 202H	22B	06832	3	Y40534	X		X	0			X
EBD 202H	29	03764	35	Y40563	X		X	0			X
EBD 202H	30	14200	10	Y40506	X		X	0			X



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
EBD 202H 31	02606	35	Y40564		X		X	0			X
EBD 202H 34	02595	35	Y40564		X		X	0			X
EBD 202H 35A	08699	10	Y40507		X		X	0			X
EBD 202H 35B	02196	10	Y40507		X		X	0			X
EBD 202H 37	02558	35	Y40563		X		X	0			X
EBD 202H 38	14202	10	Y40508		X		X	0			X
EBD 202H 44	03152	10	Y40508		X		X	0			X
EBD 202H 47	02562	35	Y40563		X		X	0			X
EBD 202H 48 C/S F 2 5/8 C-1066	02586 R 2 3/4	35 L 2 3/4	Y40355	S	09/21/95	2055	09/21/95	1300	DEGRADE	09523	10/01/95
EBD 202H 51	02559	35	Y40564		X		X	0			X
EBD 202H 52A C/S F 3 1/2	09507 R 3 1/2	35 L 3 1/2	Y40356	S	09/21/95	2056	09/21/95	1341	PASS		09/30/95



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
EBD 202H 52B C/S F 3 5/8	09508 R 3 3/4	35 L 3 1/2	Y40356	S	09/21/95	2057	09/21/95	1404	PASS		09/30/95
EBD 202H 54A	02584	35	Y40565		X		X	0			X
EBD 202H 54B	02590	35	Y40565		X		X	0			X
EBD 202H 61A C/S F 3 1/4	03487 R 3 1/2	3 L 3 1/4	Y40355	S	09/21/95	2065	09/21/95	744	PASS		10/01/95
EBD 202H 61B C/S F 3 3/8	03484 R 3 1/4	3 L 3 1/4	Y40355	S	09/21/95	2066	09/21/95	808	PASS		10/01/95
EBD 202H 65A	19495	3	Y40535		X		X	0			X
EBD 202H 65B	03124	3	Y40535		X		X	0			X
EBD 202H 66	09499	35	Y40566		X		X	0			X
EBD 202H 67	19493	3	Y40536		X		X	0			X
EBD 202H 68A	09509	35	Y40566		X		X	0			X
EBD 202H 68B	09510	35	Y40566		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
EBD 209H	1	19531	3	Y40537			X	0			X
EBD 209H	2	20400	1	Y40361	R	09/18/95	2005	09/18/95	1005	PASS	09/25/95
	C/S F 2 3/4	R 2 1/2	L 2 3/4								
EBD 209H	4A	02425	1	Y40461			X	0			X
EBD 209H	4B	20405	1	Y40461			X	0			X
EBD 210H	2	00463	3L	Y40550			X	0			X
EBD 210H	4	19455	3	Y40352	S	09/18/95	2019	09/18/95	1757	PASS	10/01/95
	C/S F 2 1/2	R 2 1/4	L 2 3/8								
EBD 210H	5	04623	3	Y40538			X	0			X
EBD 213H	4	19526	3	Y40352	R	09/18/95	2026	09/19/95	1155	PASS	10/01/95
	C/S F 7/8	R 1	L 1								
EBD 213H	5	19790	3	Y40539			X	0			X
EBD 213H	7	19767	3	Y40352	F	09/23/95	2079	09/25/95	849	FAIL	N/A
	C/S F	R 2 1/4	L	C53259		7					Z
REPLACED WITH A WEAR RESTRAINT (VECTRA)											
EBD 214H	57	14166	10	Y40509			X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
GBB 201H 33A	13678	10	Y40510		X		X	0			X
GBB 201H 33B	13662	10	Y40510		X		X	0			X
GBB 202H 52 C/S F 1 1/4	14439 R 1 1/4 L	1/2	Y40367	S	07/31/95	2006	07/31/95	922	PASS		07/31/95
GBB 203H 11 C/S F	01568 R 4 L	100	Y40529	V53477	09/27/95	2099	09/27/95	1132	PASS		09/30/95
GBB 204H 3	01340	35	Y40567		X		X	0			X
GBB 204H 21	03690	35	Y40568		X		X	0			X
GBB 204H 82	03190	35	Y40568		X		X	0			X
GBB 204H 83	11023	35	Y40568		X		X	0			X
GBB 204H 89	03153	10	Y40511		X		X	0			X
GBB 204H 93	06966	35	Y40567		X		X	0			X
GBB 204H 95	06958	35	Y40567		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
GBB 204H 101	09447	35	Y40569		X		X	0			X
GBB 205H 85A	03691	35	Y40570		X		X	0			X
GBB 205H 85B	03689	35	Y40570		X		X	0			X
GBB 205H 89A C/S F	10714 R 4 3/8 L	35	Y40360	S	08/15/95	2007	08/15/95	1743	PASS		08/15/95
GBB 205H 89B C/S F	09487 R 4 L	35	Y40360	S	08/15/95	2008	08/15/95	1828	PASS		08/15/95
GBB 206H 18	03250	35	Y40571		X		X	0			X
GBB 206H 51	09444	35	Y40572		X		X	0			X
GBB 207H 27A	12402	10	Y40512		X		X	0			X
GBB 207H 27B	04373	10	Y40512		X		X	0			X
GBB 209H 2 C/S F 3 5/8	03060 R 3 1/2 L 3 5/8	3	Y40540		09/24/95	2078	09/25/95	820	PASS		09/25/95
GBB 209H 13	03188	10	Y40513		X		X	0			X



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

<u>SNUBBER ID</u>	<u>SERIAL</u>	<u>SIZE</u>	<u>WA NO.</u>	<u>ORIGIN</u>	<u>REMOVED</u>	<u>JOHN EXAM</u>	<u>TEST DATE</u>	<u>TEST TIME</u>	<u>PASS FAIL</u>	<u>REPLACED S/NUM</u>	<u>REINSTALL DATE</u>
MEMO1				<u>CWO NO.</u>	<u>RCDE</u>						
MEMO2											
GBB 209H 14 C/S F 2 9/16	06071 R 2 1/4 L 2 9/16	3	Y40540		09/24/95	2081	09/25/95	1039	PASS		09/25/95
GBB 209H 56	09528	35	Y40573		X		X	0			X
GBB 209H 57	09522	35	Y40573		X		X	0			X
GBB 209H 58A	09529	35	Y40573		X		X	0			X
GBB 209H 58B	09530	35	Y40573		X		X	0			X
GBB 209H 60A	09527	35	Y40573		X		X	0			X
GBB 209H 60B	09526	35	Y40573		X		X	0			X
GBB 209H 64 C/S F 2 1/2	19491 R 2 1/2 L 2 1/2	3	Y40540		09/24/95	2077	09/25/95	749	PASS		09/25/95
GBB 209H 67	03470	10	Y40514		X		X	0			X
GBB 210H 50	20828	1	Y40462		X		X	0			X
GBB 210H 53	20827	1	Y40462		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
GBB 211H 52	02418	1	Y40463		X		X	0			X
GBB 211H 54	21573	1	Y40464		X		X	0			X
GBB 212H 58	19524	3	Y40541		X		X	0			X
GBB 213H 1A	14766	10	Y40515		X		X	0			X
GBB 213H 1B	14765	10	Y40515		X		X	0			X
GBB 218H 12 C/S F 2 1/2	03581 R 2 1/4	3 L 2 1/2	Y40542		09/24/95	2080	09/25/95	1012	PASS		09/25/95
GBC 201H 102	03217	35	Y40446		X		X	0			X
GBC 201H 107	03675	35	Y40446		X		X	0			X
GBC 201H 115	03268	35	Y40446		X		X	0			X
GBC 201H 116	03277	35	Y40446		X		X	0			X
GBC 201H 119A	03733	35	Y40447		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

<u>SNUBBER ID</u>	<u>SERIAL</u>	<u>SIZE</u>	<u>WA NO.</u>	<u>ORIGIN</u>	<u>REMOVED</u>	<u>JOHN</u>	<u>TEST</u>	<u>TEST</u>	<u>PASS</u>	<u>REPLACED</u>	<u>REINSTALL</u>
<u>MEMO1</u>				<u>CWO NO.</u>	<u>RCDE</u>	<u>EXAM</u>	<u>DATE</u>	<u>TIME</u>	<u>FAIL</u>	<u>S/NUM</u>	<u>DATE</u>
<u>MEMO2</u>											
GBC 201H 119B	03732	35	Y40447		X		X	0			X
GBC 201H 120	04097	35	Y40446		X		X	0			X
GBC 201H 122	04099	35	Y40446		X		X	0			X
GBC 201H 125A	10891	35	Y40447		X		X	0			X
GBC 201H 125B	03649	35	Y40447		X		X	0			X
GBC 201H 134	03223	35	Y40446		X		X	0			X
GBC 201H 137A	03491	10	Y40424		X		X	0			X
GBC 201H 137B	02605	10	Y40424		X		X	0			X
GBC 201H 141	03288	35	Y40446		X		X	0			X
GBC 201H 143A	03199	35	Y40446		X		X	0			X
GBC 201H 143B	03245	35	Y40446		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

<u>SNUBBER ID</u>	<u>SERIAL</u>	<u>SIZE</u>	<u>WA NO.</u>	<u>ORIGIN</u>	<u>REMOVED</u>	<u>JOHN</u>	<u>TEST</u>	<u>TEST</u>	<u>PASS</u>	<u>REPLACED</u>	<u>REINSTALL</u>
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEMO1				<u>CWO NO.</u>	<u>RCDE</u>						
-----				-----	-----						
MEMO2											

GBC 201H 144	06948	35	Y40447		X		X		0		X
GBC 201H 147	03282	35	Y40446		X		X		0		X
GBC 201H 148	03258	35	Y40446		X		X		0		X
GBC 201H 154	03776	35	Y40447		X		X		0		X
GBC 201H 157 C/S F 4 1/2	07398 R 2 1/2	35 L 2 7/16	Y40383	S	09/20/95	2062	09/21/95	1748	PASS		09/26/95
GBC 201H 162 2 SPHER BUSH	03280 C/S F 4 1/2	35 R 4 1/2	Y40383	S	09/20/95	2060	09/21/95	1632	PASS		09/26/95
GBC 201H 163	02744	35	Y40448		X		X		0		X
GBC 201H 165	04122	35	Y40449		X		X		0		X
GBC 201H 166	03271	35	Y40448		X		X		0		X
GBC 201H 168	03247	35	Y40448		X		X		0		X
GBC 201H 180	03254	35	Y40448		X		X		0		X



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID ----- MEMO1 ----- MEMO2 -----	SERIAL -----	SIZE -----	WA NO. -----	ORIGIN ----- CWO NO. -----	REMOVED ----- RCDE -----	JOHN EXAM -----	TEST DATE -----	TEST TIME -----	PASS FAIL -----	REPLACED S/NUM -----	REINSTALL DATE -----
GBC 201H 181	03278	35	Y40448		X		X	0			X
GBC 201H 183	03237	35	Y40448		X		X	0			X
GBC 201H 187	03632	35	Y40447		X		X	0			X
GBC 201H 193	03686	35	Y40448		X		X	0			X
GBC 201H 196	03255	35	Y40448		X		X	0			X
GBC 201H 197	03662	35	Y40448		X		X	0			X
GBC 201H 203	10688	35	Y40448		X		X	0			X
GBC 201H 212	07390	35	Y40449		X		X	0			X
GBC 201H 217	07397	35	Y40449		X		X	0			X
GBC 201H 218	03486	35	Y40449		X		X	0			X
GBC 201H 219A	02681	35	Y40450		X		X	0			X



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
GBC 201H 219B	03743	35	Y40450		X		X	0			X
GBC 201H 220A	03170	35	Y40450		X		X	0			X
GBC 201H 220B	03174	35	Y40450		X		X	0			X
GBC 201H 221A	03744	35	Y40450		X		X	0			X
GBC 201H 221B	01157	35	Y40450		X		X	0			X
GBC 201H 225	00918	35	Y40449		X		X	0			X
GBC 201H 231	03670	35	Y40451		X		X	0			X
GBC 201H 232	08649	35	Y40451		X		X	0			X
GBC 201H 233	03476	35	Y40451		X		X	0			X
GBC 201H 237A	08636	35	Y40450		X		X	0			X
GBC 201H 237B	08640	35	Y40450		X		X	0			X



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID ----- MEMO1 ----- MEMO2 -----	SERIAL -----	SIZE -----	WA NO. -----	ORIGIN ----- CWO NO. -----	REMOVED ----- RCDE -----	JOHN EXAM -----	TEST DATE -----	TEST TIME -----	PASS FAIL -----	REPLACED S/NUM -----	REINSTALL DATE -----
GBC 201H 242	04120	35	Y40451		X		X	0			X
GBC 201H 247	03687	35	Y40451		X		X	0			X
GBC 201H 248	03478	35	Y40451		X		X	0			X
GBC 201H 252	03674	35	Y40451		X		X	0			X
GBC 201H 253	03671	35	Y40451		X		X	0			X
GBC 201H 254A	03734	35	Y40450		X		X	0			X
GBC 201H 254B	03735	35	Y40450		X		X	0			X
GBC 201H 255	03769	35	Y40450		X		X	0			X
GBC 201H 262	03688	35	Y40448		X		X	0			X
GBC 201H 265	07392	35	Y40448		X		X	0			X
GBC 201H 272	03721	35	Y40449		X		X	0			X

UNIT, 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID ----- MEMO1 ----- MEMO2 -----	SERIAL -----	SIZE -----	WA NO. -----	ORIGIN ----- CWO NO. -----	REMOVED ----- RCDE -----	JOHN EXAM -----	TEST DATE -----	TEST TIME -----	PASS FAIL -----	REPLACED S/NUM -----	REINSTALL DATE -----
GBC 201H 273	03191	35	Y40451		X		X	0			X
GBC 201H 276	03204	35	Y40451		X		X	0			X
GBC 201H 277A	03215	35	Y40451		X		X	0			X
GBC 201H 281	03723	35	Y40451		X		X	0			X
GBC 201H 301	14214	10	Y40425		X		X	0			X
GBC 201H 318A	14213	10	Y40425		X		X	0			X
GBC 201H 318B	14212	10	Y40425		X		X	0			X
GBC 201H 332	09519	35	Y40447		X		X	0			X
GBC 201H 336	02508	10	Y40425		X		X	0			X
GBC 201H 338	02073	10	Y40426		X		X	0			X
GBC 201H 342	09468	35	Y40447		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
GBC 205H 52A	14423	10	Y40516		X		X	0			X
GBC 205H 52B	14424	10	Y40516		X		X	0			X
GBD 222H 5	14198	10	Y40517		X		X	0			X
HBB 201H 3	10706	35	Y40574		X		X	0			X
HBB 201H 5	19545	3	Y40543		X		X	0			X
HBB 204H 51	14414	10	Y40518		X		X	0			X
HBB 208H 3 C/S F 2 7/8	09443	35	Y40359	F	06/26/95	2002	06/26/95	1328	PASS		06/26/95
HBC 217H 11	14422	10	Y40519		X		X	0			X
HBD 201H 1	03669	35	Y40575		X		X	0			X
HBD 201H 3	06840	3	Y40544		X		X	0			X
HBD 201H 4	06834	3	Y40544		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

<u>SNUBBER ID</u>	<u>SERIAL</u>	<u>SIZE</u>	<u>WA NO.</u>	<u>ORIGIN</u>	<u>REMOVED</u>	<u>JOHN</u>	<u>TEST</u>	<u>TEST</u>	<u>PASS</u>	<u>REPLACED</u>	<u>REINSTALL</u>
<u>MEMO1</u>				<u>CWO NO.</u>	<u>RCDE</u>		<u>DATE</u>	<u>TIME</u>	<u>FAIL</u>	<u>S/NUM</u>	<u>DATE</u>
<u>MEMO2</u>											
HBD 201H	5	06835	3	Y40545			X	0			X
HBD 201H	6	14426	10	Y40520			X	0			X
HBD 201H	8	01503	35	Y40575			X	0			X
HBD 201H	10A	12952	10	Y40354	S	09/18/95	2025	09/19/95	1109	PASS	09/30/95
	C/S F 2 5/8	R 2 1/2	L 2 5/8								
HBD 201H	10B	04258	10	Y40354	S	09/18/95	2024	09/19/95	1015	PASS	09/30/95
	C/S F 2 1/2	R 2 1/2	L 2 1/2								
HBD 201H	11	19546	3	Y40545			X	0			X
HBD 201H	12A	03137	3	Y40546			X	0			X
HBD 201H	12B	02116	3	Y40546			X	0			X
HBD 201H	16A	13680	10	Y40520			X	0			X
HBD 201H	16B	19588	10	Y40547		09/22/95	2082	09/25/95	1111	PASS	14194
	C/S F 2 3/4	R 2	L 3		C53211						09/28/95
DCP94-3032C CHANGING HANGER TO SIZE 10											
HBD 201H	17	19508	3	Y40547			X	0			X



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
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SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
HBD 203H 11A	04574	10	Y40523		X		X	0			X
HBD 203H 11B	04576	10	Y40523		X		X	0			X
HBD 203H 13A	12202	1	Y40467		X		X	0			X
HBD 203H 13B	04989	1	Y40467		X		X	0			X
HBD 203H 9AA	10892	35	Y40576		X		X	0			X
HBD 203H 9AB	10893	35	Y40576		X		X	0			X
HBD 203H 9BC C/S F 3 5/8	01567 R 4 L 3 5/8	100	Y40354	S	09/18/95	2045	09/20/95	1607	PASS		09/30/95
HCB 203H 53A	08651	35	Y40577		X		X	0			X
HCB 203H 53B	08652	35	Y40577		X		X	0			X
HCC 203H 56	20832	1	Y40468		X		X	0			X
HCC 206H 6	14431	10	Y40524		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
HCC 206H 10A	19840	3	Y40548		X		X	0			X
HCC 206H 10B	19806	3	Y40548		X		X	0			X
HRC 224H 80	20794	1	Y40469		X		X	0			X
HRC 228H 30 C/S F 1 R 1 1/4 L 1	02868	1	Y40364	S	09/18/95	2003	09/18/95	840	PASS		09/20/95
MSL 200H 1 C/S F 2 1/8 R 2 L 2 1/8	03197	35	Y40351	R	09/20/95	2051	09/21/95	806	PASS		10/05/95
MSL 200H 2 ROD EYE C/S F 2 7/8 R 2 3/4 L 2 7/8	03747	35	Y40351	R	09/18/95	2090	09/26/95	1104	PASS		10/05/95
MSL 200H 3 1 SNAP RING C/S F 2 7/8 R 3 L 2 7/8	00882	35	Y40351	R	09/18/95	2034	09/19/95	1751	PASS		10/05/95
MSL 200H 7 C/S F 4 1/2 R 4 1/2 L 4 1/2	01301	35	Y40351	R	09/21/95	2087	09/26/95	741	PASS		10/05/95
MSL 200H 9A C/S F 3 1/8 R 3 1/2 L 3 1/8 SPHERICAL BEARING DISLODGED IN EXTENTION	01293	35	Y40351	R	09/18/95	2085	09/25/95	1401	PASS		10/05/95
MSL 200H 9B C/S F 4 R 4 L 4	08610	35	Y40351	R	09/18/95	2086	09/25/95	1432	PASS		10/05/95
MSL 200H 10A IND SCREW C/S F 2 1/8 R 1 3/4 L 2 1/8	09445	35	Y40351	R	09/18/95	2036	09/20/95	729	PASS		10/05/95

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
MSL 200H 10B	03672	35	Y40351	R	09/18/95	2035	09/19/95	1814	PASS		10/05/95
C/S F 2 7/8	R 3 L 2 7/8										
MSL 200H 11A	03750	35	Y40351	R	09/20/95	2084	09/25/95	1321	PASS		10/05/95
C/S F 3 3/8	R 3 1/4 L 3 3/8										
SPHERICAL BEARING DISLODGED IN EXTENTION											
MSL 200H 11B	03751	35	Y40351	R	09/20/95	2089	09/26/95	1021	PASS		10/05/95
C/S F 3 3/8	R 3 1/4 L 3 3/8										
MST 222H 11	03479	35	Y40452		X		X	0			X
MST 222H 12	03274	35	Y40452		X		X	0			X
MST 222H 16	03284	35	Y40452		X		X	0			X
MST 222H 17	01601	100	Y40376	S	09/20/95	2047	09/20/95	1729	PASS		09/27/95
C/S F 3 1/4	R 3 1/4 L 3										
MST 222H 19	03249	35	Y40452		X		X	0			X
MST 222H 20	03275	35	Y40452		X		X	0			X
MST 222H 22	01577	100	Y40431		X		X	0			X
MST 222H 24	02679	35	Y40452		09/20/95	2063	09/21/95	1811	PASS		10/10/95
C/S F 3 3/4	R 3 L 3 1/2			H40878							

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
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SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
MST 222H 27	03286	35	Y40452		X		X	0			X
MST 222H 29	03663	35	Y40452		X		X	0			X
MST 222H 30	07393	35	Y40452		X		X	0			X
MST 222H 31 C/S F 3 R 3 L 3	06947	35	Y40452	H40878	09/20/95	2048	09/20/95	1802	PASS		10/10/95
MST 222H 32 C/S F 2 1/4 R 2 1/4 L 2 1/4	03714	35	Y40384	S	09/20/95	2054	09/21/95	1127	PASS		09/26/95
MST 222H 35	03272	35	Y40452		X		X	0			X
MST 222H 36A	03209	35	Y40453		X		X	0			X
MST 222H 36B	03212	35	Y40453		X		X	0			X
MST 222H 37	01563	100	Y40430		X		X	0			X
MST 222H 38	02431	100	Y40430		X		X	0			X
MST 222H 39	07385	35	Y40453		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
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SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
MST 222H 41 C/S F 3 1/4	03489 R 3 L 3 3/8	35	Y40385	S	09/20/95	2053	09/21/95	1102	PASS		09/25/95
MST 222H 42A	08621	35	Y40453		X		X	0			X
MST 222H 42B	01184	35	Y40453		X		X	0			X
MST 222H 44	03473	35	Y40453		X		X	0			X
MST 222H 47	02659	35	Y40453		X		X	0			X
MST 222H 48	01565	100	Y40431		X		X	0			X
MST 222H 49	03364	35	Y40453		X		X	0			X
MST 222H 50 C/S F 3 R 3 L 3	02847 L 3	35	Y40453	H40878	09/20/95	2049	09/21/95	711	PASS		10/10/95
RWS 200H 12	03492	35	Y40454		X		X	0			X
RWS 200H 14	07526	35	Y40455		X		X	0			X
RWS 200H 25A	03772	35	Y40454		X		X	0			X

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SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
RWS 200H 25B	03771	35	Y40454		X		X	0			X
RWS 200H 26A	03773	35	Y40455		X		X	0			X
RWS 200H 26B	03774	35	Y40455		X		X	0			X
RWS 200H 29	03708	35	Y40454		X		X	0			X
RWS 200H 30	03719	35	Y40454		X		X	0			X
RWS 200H 31	03710	35	Y40455		X		X	0			X
RWS 200H 32	03713	35	Y40455		X		X	0			X
RWS 200H 33	12629	35	Y40454		X		X	0			X
RWS 200H 34	07387	35	Y40454		X		X	0			X
RWS 200H 35	03717	35	Y40455		X		X	0			X
RWS 200H 36	03715	35	Y40455		X		X	0			X

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SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
RWS 200H 38 C/S F 2 1/4	09454 R 2 1/2	35 L 2 1/4	Y40374	R	09/25/95	2088	09/26/95	836	PASS		09/27/95
RWS 200H 40	03208	35	Y40454		X		X	0			X
RWS 200H 41	00571	100	Y40432		X		X	0			X
RWS 200H 42	01797	100	Y40432		X		X	0			X
RWS 200H 44	02427	100	Y40433		X		X	0			X
RWS 200H 46	00632	100	Y40433		X		X	0			X
RWS 200H 47 C/S F 2 5/8	02399 R 2 1/2	100 L 2 5/8	Y40373	R	09/19/95	2040	09/20/95	1032	PASS		09/21/95
RWS 200H 49 1 P PIN 3 WASH	01262 C/S F 2 1/4	100 R 2	Y40373	F	09/19/95	2041	09/20/95	1117	PASS		09/21/95
SPDBA 205H3001 C/S F 2 1/4	23620 R 2 1/4	1/4 L 2 1/4	Y40370	S	09/18/95	2070	09/22/95	1021	PASS		09/23/95
SPDBA 208H 1	14466	1/2	Y40412		X		X	0			X
SPDBA 212H2602	19843	3	Y40439		X		X	0			X



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
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SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
SPDBA 212H2609	20854	1	Y40406		X		X	0			X
SPDBA 212H2616	20846	1	Y40406		X		X	0			X
SPDBA 212H2638 C/S F 2 3/4	20857 R 2 3/4	1 L 2 3/4	Y40369	S	09/18/95	2067	09/22/95	925	PASS		09/23/95
SPDBA 212H2650	20860	1	Y40407		X		X	0			X
SPDBA 214H3000 C/S F	14455 R 1 1/2	1/2 L	Y40368	S	09/21/95	2071	09/22/95	1125	PASS		Z
SPDBA 214H3001 C/S F	14456 R 1 1/2	1/2 L	Y40479		09/21/95	2072	09/22/95	1141	PASS	C53196	Z
SPDBA 214H3004 C/S F 1 R 1 1/4	01220 L	1/2	Y40479		09/22/95	2102	09/27/95	1343	PASS	C53295	Z
SPDBA 214H3006A C/S F 1 3/4	24373 R 1 3/4	1/4 L	Y40491		09/22/95	2114	09/28/95	1035	PASS	C53295	Z
SPDBA 214H3006B C/S F 1 3/4	24378 R 2 L	1/4	Y40491		09/22/95	2117	09/28/95	1131	PASS	C53295	Z
SPDBA 215H3002 C/S F	28729 R 2 L	1/4	Y40491		09/22/95	2121	09/28/95	1340	PASS	C53196	Z
SPDBA 215H3004 C/S F 1 3/4	17197 R 1 1/2	1/2 L	Y40479		09/22/95	2104	09/27/95	1426	PASS	C53295	Z

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
SPDBA 216H3002	14452	1/2	Y40480		09/22/95	2094	09/27/95	840	PASS		Z
C/S F 1 1/2	R 1 1/2	L		C53295	7						
SPDBA 217H3003	21538	1	Y40470		09/22/95	2091	09/27/95	736	PASS		Z
C/S F 2 R 2	1/4 L			C53295	7						
SPDBA 217H3004A	17189	1/2	Y40480		09/22/95	2110	09/28/95	815	PASS		Z
C/S F 1 1/2	R 1 1/4	L		C53295	7						
SPDBA 217H3004B	17190	1/2	Y40480		09/22/95	2109	09/28/95	831	PASS		Z
C/S F 1 1/2	R 1 1/2	L		C53295	7						
SPDBB 208H 13	23045	1/4	Y40492		X		X	0			X
SPDBB 208H 17	06675	1/2	Y40481		X		X	0			X
SPDBB 208H 82	14381	1/4	Y40493		09/22/95	2123	09/28/95	1418	PASS		Z
C/S F 1 7/8	R 2 1/4	L		C53295	7						
SPDBB 208H 83	17198	1/2	Y40482		09/22/95	2097	09/27/95	1048	PASS		Z
C/S F 1 1/4	R 1 1/4	L		C53295	7						
SPDBB 208H 86	24387	1/4	Y40493		09/22/95	2118	09/28/95	1250	PASS		Z
C/S F 2 R 1	1/4 L			C53295	7						
SPDBB 208H 87	14462	1/2	Y40483		X		X	0			X
SPDBB 208H 88	20824	1	Y40471		X		X	0			X



UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
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SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
SPDBB 208H 89	09943	1/2	Y40483		X		X	0			X
SPDBB 213H5003	14437	1/2	Y40484		X		X	0			X
SPDBB 221H5006A	21546	1	Y40472		X		X	0			X
SPDBB 221H5006B	21545	1	Y40472		X		X	0			X
SPDBB 221H5012	18579	1	Y40472		X		X	0			X
SPDBB 221H5013 C/S F 1 5/8	18567 R 1 3/4 L 1 5/8	1	Y40365	S	09/18/95	2009	09/18/95	1036	PASS		09/23/95
SPDBB 223H3004 C/S F 1 3/4	21138 R 1 3/4 L	1/4	Y40494		09/22/95 7	2111	09/28/95	851	PASS		Z
SPDBB 223H5010 F 1 1/4	14421	10	Y40525		11/14/95 7		11/16/95	823	PASS		Z
SPDBB 223H5012 NO TEST - HAND STROKE ONLY	21537	1	Y40473		11/14/95 7		11/16/95	0			Z
SPDBB 224H3002 C/S F 1 3/8	20813 R 1 1/2 L	1	Y40474		09/22/95 7	2092	09/27/95	755	PASS		Z
SPDBB 224H3004 C/S F 1 3/8	17191 R 1 3/4 L	1/2	Y40485		09/22/95 7	2108	09/28/95	758	PASS		Z



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SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
SPDBB 224H5014 F 2 1/4	14180	10	Y40525	C53296	11/14/95 7		11/16/95	901	PASS		Z
SPDBB 224H5015 NO TEST - HAND STROKE ONLY	20403	1	Y40473	C53296	11/14/95 7		11/16/95	0			Z
SPDBB 225H3002 C/S F 1 5/8	21529 R 1 3/4 L	1	Y40474	C53295	09/22/95 7	2093	09/27/95	814	PASS		Z
SPDBB 225H3003 C/S F 1 R 1 L	17184	1/2	Y40485	C53295	09/22/95 7	2098	09/27/95	1107	PASS		Z
SPDBB 225H3004 C/S F	17185 R 1 3/4 L	1/2	Y40485	C53295	09/22/25 7	2105	09/27/95	1439	PASS		Z
SPDBB 226H3001 C/S F 1 1/4	17192 R 1 1/4 L	1/2	Y40486	C53295	09/22/95 7	2101	09/27/95	1331	PASS		Z
SPDBB 226H3003 C/S F 1 1/2	14471 R 1 1/2 L	1/2	Y40486	C53295	09/22/95 7	2100	09/27/95	1315	PASS		Z
SPDBB 226H3005 C/S F	23608 R 2 1/2 L	1/4	Y40494	C53295	09/22/95 7	2116	09/28/95	1118	PASS		Z
SPDCA 201H5003	24388	1/4	Y40416		X		X	0			X
SPDCA 202H 10	19760	3	Y40436		X		X	0			X
SPDCA 202H 21	19837	3	Y40437		X		X	0			X

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SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
SPDCA 202H 23	11128	1	Y40408		X		X	0			X
SPDCA 202H2600	02538	1	Y40408		X		X	0			X
SPDCA 202H2602	18569	1	Y40409		X		X	0			X
SPDCA 207H5008	09946	1/2	Y40413		X		X	0			X
SPDCA 210H5006A	03590	1	Y40410		X		X	0			X
SPDCA 220H5021	17186	1/2	Y40414		X		X	0			X
SPDCA 229H3002 1 SNAP RING C/S F 2 R 2 L 2	14357	1/4	Y40371	S	09/18/95	2068	09/22/95	944	DEGRADE	28812	09/23/95
SPDCA 229H3004	21095	1/4	Y40417		X		X	0			X
SPDCA 229H3005	23627	1/4	Y40417		X		X	0			X
SPDCA 233H3005	16369	1/4	Y40418		X		X	0			X
SPDCA 233H3008	13951	1/2	Y40415		X		X	0			X

UNIT 2 - 7 RFO -- SHUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEMO1				CWO NO.	RCDE						
MEMO2				-----	-----						
SPDCA 243H5001A	21557	1	Y40475		X		X	0			X
SPDCA 243H5001B	00242	1	Y40475		X		X	0			X
SPDCA 245H2608A	21531	1	Y40411		X		X	0			X
SPDCA 245H2608B	21530	1	Y40411		X		X	0			X
SPDCA 245H2615	19750	3	Y40439		X		X	0			X
SPDCA 245H5001	19464	3	Y40439		X		X	0			X
SPDCA 245H5016 C/S F 2 3/8	20792 R 2 1/2 L 2	1	Y40387	R	09/18/95	2004	09/18/95	904	PASS		10/11/95
SPDCA 246H3006 C/S F 2 R 2 L	29175	1/4	Y40494	C53295	09/22/95 7	2120	09/28/95	1320	PASS		Z
SPDCA 246H3007 C/S F 2 R 1 1/2 L	16388	1/4	Y40495	C53295	09/22/95 7	2122	09/28/95	1355	PASS		Z
SPDCA 246H3008 C/S F 1 7/8 R 2 L	24377	1/4	Y40495	C53295	09/22/95 7	2119	09/28/95	1303	PASS		Z
SPDCA 247H3001 C/S F 1 1/4 R 1 L	14454	1/2	Y40487	C53295	09/22/95 7	2103	09/27/95	1400	PASS		Z

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
SPDCA 247H3003 C/S F 2 1/8	24371 R 2 1/2	1/4 L	Y40496	C53295	09/22/95 7	2113	09/28/95	1014	PASS		Z
SPDCA 248H3001 C/S F 2 5/8	23609 R 2 1/2	1/4 L	Y40496	C53295	09/22/95 7	2115	09/28/95	1048	PASS		Z
SPDCA 248H3003 C/S F 1 R 1 1/4	17193 L	1/2	Y40487	C53295	09/22/95 7	2106	09/28/95	729	PASS		Z
SPDCA 248H3004 C/S F 2 R 2 1/4	23610 L	1/4	Y40496	C53295	09/22/95 7	2112	09/28/95	1003	PASS		Z
SPDCA 249H3001 C/S F 1 3/8	17194 R 1 1/2	1/2 L	Y40488	C53295	09/22/95 7	2095	09/27/95	900	PASS		Z
SPDCA 249H3002 C/S F 2 R 2	17195 L	1/2	Y40488	C53295	09/22/95 7	2096	09/27/95	1027	PASS		Z
SPDCA 249H3004 C/S F 1 1/4	17196 R 1 1/2	1/2 L	Y40488	C53295	09/22/95 7	2107	09/28/95	744	PASS		Z
SPGGB 222H5008	20822	1	Y40476		X		X	0			X
SPGGB 222H5011	21544	1	Y40477		X		X	0			X
SPGGB 234H 3 C/S F	24382 R 2 1/2	1/4 L	Y40497	C53294	09/22/95 7	2073	09/22/95	1310	PASS		Z
SPHBB 208H5004	14405	1/2	Y40489		X		X	0			X

UNIT 2 - 7 RFO -- SNUBBER FUNCTIONAL EXAMS -- DAILY TRACKING LOG
 AS OF: 12/12/95 TIME: 6.59.12

SNUBBER ID	SERIAL	SIZE	WA NO.	ORIGIN	REMOVED	JOHN EXAM	TEST DATE	TEST TIME	PASS FAIL	REPLACED S/NUM	REINSTALL DATE
MEMO1				CWO NO.	RCDE						
MEMO2											
SPHBB 208H5008	13404	1/2	Y40489		X		X	0			X
SPHBB 251H5005	06314	1/4	Y40498		X		X	0			X
SPHBD6043H9001	16420	1/4	Y40419		X		X	0			X
SPHBD6043H9009 2WASHERS C/S F 1 5/8 R 1 1/2 L 1 5/8	24370	1/4	Y40372	S	09/18/95	2069	09/22/95	1008	PASS		09/23/95
SPHCB 226H5027	21553	1	Y40478		X		X	0			X

TOTAL: 489

SNUBBER VISUAL TESTING LISTING

MECHANICAL MAINTENANCE

NIS-2 FORMS

UNIT 2 SEVENTH 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, and 3) and ASME Section VIII items for which Maintenance has NIS-2 responsibility. The majority of this work was performed during the Unit 2 Seventh Refueling and Inspection Outage.

2.0 Code Compliance Summary

All work prior to 6/1/94 on ASME Section XI (Classes 1, 2, and 3) items meet the requirements of IWA-4000 (Repair procedures) and IWA-7000 (Replacements) of ASME Section XI, 1980 Edition through Winter 1981 Addenda. After 6/1/94, 1989 Edition No Addenda applies.

3.0 Repair and Replacement Summary

Work in this area consists of Work Authorizations for Section XI Repairs and Replacements, and Sections I and VIII Repairs.

3.1 Section XI Repairs and Replacements

<u>SYSTEM / CLASS</u>	<u>WORK AUTHORIZATION NO.</u>	<u>DESCRIPTION</u>
216A III	V23119	5 Yr Pump Inspection of 2P506A, (Replacement of Bowl and Columns)
	S15325	During Rework of 2P506A, prior to installation, bolting was replaced
225A III	V53274	Remove Internals of SV22643 to Support TP-225-021, while internals removed replaced Main Disc
	V53173	Replaced PCV22648
	V53174	Replaced PCV22643
	V53731	Replaced PCV22643 (second time)
234D III	V43645	2E231D - Upper Flex Hose Upper Coil
	V44256	2E231A - Lower Flex Hoses Upper & Lower Coil
	V44257	2E231B - Upper Flex Hose Upper Coil
	V53208	2E231D - Upper Flex Hose Upper Coil
	V53210	2E231D - Upper Flex Hose Lower Coil
	V44254	2E229B - Upper Flex Hose Upper Coil
234E III	V44070	2E229B - Lower Flex Hose
	V53207	2E228B - Upper Flex Hose Upper Coil
234F III		

234G III	V43647	2E230B - Upper Flex Hose Lower Coil
	V44258	2E230D - Upper Flex Hose Upper Coil
	V44299	2E230C - Lower Flex Hose Upper Coil
	V44300	2E230B - Upper Flex Hose Upper Coil
	V53423	2E230A - Lower Flex Hose Lower Coil
234U III	V44196	Replace Leak-off Plug 211104
	V44236	Replaced HV21144A
235B III	V53296	253009B - Replace Disc
	V33336	Leak-off Plugs 253023, 253114
245A II	V53345	Replace Stem & Disc and Backseat Bushing in 241001 & 241002
	V53751	Leak-off Plug 241021A
249A II	P45408	Replace Disc in 251F046C
	V14384	Leak-off Plug HV251F004C
249A III	V53175	Replacement of RHR/ESW Inlet/Outlet piping
	V53176	Replacement of RHR/ESW Inlet/Outlet piping
	V53177	Replacement of RHR/ESW Inlet/Outlet piping
	V53178	Replacement of RHR/ESW Inlet/Outlet piping
249G I	V53655	Repair PSV-251F126
250B II	V43982	Replace Stem & Disc Assy's of 249001 & 249002
	P46191	Replace Rupture Discs PSE2D001 & PSE2D002
	V44276	Replace Stem & Disc and Backseat Bushing LSH249N010-R1
252B II	V44242	Replace Stem & Disc Assy's and Backseat Bushings in 255001 & 255002
	P46186	Replace Rupture Discs PSE2D003 and PSE2D004
	P52608	Replace one Bonnet Nut
253A II	V53050	Replace 248F033A
	H40758	Replace Squibb Valve Inlet Fitting and Trigger Body

254A III

V53281 Pipe Support Repair
V53175 Replacement of RHR/ESW
Inlet/Outlet piping
V53176 Replacement of RHR/ESW
Inlet/Outlet piping
V53177 Replacement of RHR/ESW
Inlet/Outlet piping
V53178 Replacement of RHR/ESW
Inlet/Outlet piping

255B II

V53056 Nitrogen Accumulator
HCU 42-23
V53057 Nitrogen Accumulator
HCU 30-07
V53058 Nitrogen Accumulator
HCU 50-19
V53363 Nitrogen Accumulator
HCU 34-31
V53362 Nitrogen Accumulator
HCU 50-15
V53365 Nitrogen Accumulator
HCU 14-47
V53364 Nitrogen Accumulator
HCU 58-39
V53407 Stem & Disc Assy 247F102-5415
V53408 Stem & Disc Assy 247F102-4211
V53409 Stem & Disc Assy 247F102-4651
V53410 Stem & Disc Assy 247F102-3411
V53640 Stem & Disc Assy 247F101-1427
V53641 Stem & Disc Assy 247F101-0219
V53642 Stem & Disc Assy 247F101-0619
V53643 Stem & Disc Assy 247F101-0243
V53644 Stem & Disc Assy 247F101-2231
V53646 Stem & Disc Assy 247F102-1827
V53647 Stem & Disc Assy 247F102-2255
V53649 Stem & Disc Assy 247F102-0627
V53650 Stem & Disc Assy 247F101-1451
V53651 Stem & Disc Assy 247F101-2659
V53652 Stem & Disc Assy 247F102-2659
V53653 Stem & Disc Assy 247F102-1451
V53645 Replace Plug 247F102-4643
V53043 Stem & Disc Assy 247F102-5827
V53675 Stem & Disc Assy 247F102-3035
V43962 Stem & Disc Assy 247F102-0615
V44003 Stem & Disc Assy 247F102-0231
V53151 Replace Bonnet on HV241F004

261B I

262A I

H20101	Work Done at WYLE on MSR/V s/n's -0089 & -0113
P51378	Replace Stem & Disc of HV241F002
H40866	Replace MSR/V PSV241F013A
H40867	Replace MSR/V PSV241F013C
H40868	Replace MSR/V PSV241F013E
H40869	Replace MSR/V PSV241F013G
H40870	Replace MSR/V PSV241F013H
H40871	Replace MSR/V PSV241F013J
H40872	Replace MSR/V PSV241F013M
H40873	Replace MSR/V PSV241F013P
H40773	Replace CRD and eight housing bolts CRD 14-11
H40787	Replace CRD and eight housing bolts CRD 30-07
H40771	Replace CRD and eight housing bolts CRD 10-11
H40778	Replace CRD and eight housing bolts CRD 30-03
H40777	Replace CRD and eight housing bolts CRD 26-51
H40772	Replace CRD and eight housing bolts CRD 10-31
H40774	Replace CRD and eight housing bolts CRD 14-51
H40775	Replace CRD and eight housing bolts CRD 14-55
H40776	Replace CRD and eight housing bolts CRD 22-33
H40788	Replace CRD and eight housing bolts CRD 30-11
H40789	Replace CRD and eight housing bolts CRD 30-23
H40790	Replace CRD and eight housing bolts CRD 30-27
H40791	Replace CRD and eight housing bolts CRD 30-31
H40792	Replace CRD and eight housing bolts CRD 30-35
H40793	Replace CRD and eight housing bolts CRD 34-43
H40794	Replace CRD and eight housing bolts CRD 42-19
H40795	Replace CRD and eight housing bolts CRD 46-27
H40796	Replace CRD and eight housing bolts CRD 46-93

	H40797	Replace CRD and eight housing bolts CRD 50-11
	H40770	Replace CRD and eight housing bolts CRD 06-19
	H40798 & H40800	Replace CRD and eight housing bolts CRD 26-07
	H40799	Replace CRD and eight housing bolts CRD 26-27
264B I	V43891	MSIV Seal Weld
	V53004	Reactor Recirc Pump Seal 2P401A
	V53276	Reactor Recirc Pump Seal 2P401A
	V53104	Reactor Recirc Pump Seal 2P401B
	V13416	Replace 1" Globe Valve 243F041B
264D II	V53752	Repair SP-DCA-250-1
	V53634	Replace 1" Flow Check Valve XV243F017A
273A II	H40674	Replace the Main Disc and reweld the body to bonnet tack welds on SV25782A
	V43876	Replace the Main Disc and reweld the body to bonnet tack welds on SV22366
	V50111	Replace the Main Disc and reweld the body to bonnet tack welds on SV22369
283A II	V53201	Replace Stem & Disc Assy and Backseat Bushing - HV20112A2
	V53526	Replace Stem & Disc Assy's and Backseat Bushings in LSH20108-R1, LSH20108-R3, LSH20108-R4
	V53597	SP-DBB-205-4 @ LSL-20108
	V53601	SP-DBB-204-2 @ LSHH-20112C
	V53599	SP-DBB-201-3 @ LSHH-20112B
	V53256	SP-DBB-205-4 @ LSH-20108-R2 and Replace 1" Globe Valve LSH-20108-R2
283B III	V53602	SP-DBB-203-3 @ LSL-20112D
	V13110	Repair SP-HCC-236-H5018, H5019
283E III	V23312	Replace 1" pipe, add coupling, and replace Cap Screw on 241F036S
	H40878	Replace missing nuts on SP-HCC-231-8
	V53608	Replace 1" Check Valve 241F036N
	V53661	Replace missing Bolt on 241F036F and missing Nut

3.2 Section VIII Repairs

<u>SYSTEM</u>	<u>WORK AUTHORIZATION NO.</u>	<u>DESCRIPTION</u>
248B	P45115	Remove and Replace Endbell Half-Coupling; 2E118A
	V43814	Remove and Replace Tube Bundle; 2E118A
	V43815	Remove and Replace Endbell Half-Coupling and Tube Bundle; 2E118C
	V43816	Remove and Replace Tube Bundle; 2E118D
	V94149	Remove and Replace Endbell Half-Coupling; 2E118D

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

1. Owner Pennsylvania Power & Light Co.
Name

Date 10/31/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 1 of 6

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

PO Box 467, Berwick, PA 18603
Address

See Page 4

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

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 216A - RHR Service Water

5. (a) Applicable Construction See Page 5 19 Edition, Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

6A 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) SUCTION BELL	BYRON JACKSON	861W4335-3	N/A	2P506A	1987	REPLACED	YES
2) SUCTION BELL	BYRON JACKSON	163481	N/A	2P506A	1978	REPLACEMENT	YES
3) SERIES CASE	BYRON JACKSON	861W4335-2	N/A	2P506A	1987	REPLACED	YES
4) SERIES CASE	BYRON JACKSON	163483	N/A	2P506A	1978	REPLACEMENT	YES
5) TOP CASE	BYRON JACKSON	861W4335-1	N/A	2P506A	1987	REPLACED	YES
6) TOP CASE	BYRON JACKSON	163485	N/A	2P506A	1978	REPLACEMENT	YES

7. Description of Work See Page 6

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Page 6
 Other Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks Data Reports for items 2, 4, and 6 are already on file.
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 Nov 20, 19 95
Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 2/4/93 to 10/9/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 PA WC 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 27 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 6
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Page 4
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 216A - RHR Service Water

5. (a) Applicable Construction See Page 5 19 Edition, Addenda, Code Case.
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) UPPER SERIES COLUMN	BYRON JACKSON	731-S-1155-1	N/A	2P506A	1978	REPLACED	NO
8) UPPER SERIES COLUMN	BYRON JACKSON	731-S-1153-1	N/A	2P506A	1978	REPLACEMENT	NO
9) INTERMEDIATE SERIES COLUMN	BYRON JACKSON	731-S-1155-2	N/A	2P506A	1978	REPLACED	NO
10) INTERMEDIATE SERIES COLUMN	BYRON JACKSON	731-S-1153-2	N/A	2P506A	1978	REPLACEMENT	NO
11) LOWER SERIES COLUMN	BYRON JACKSON	731-S-1155-3	N/A	2P506A	1978	REPLACED	NO
12) LOWER SERIES COLUMN	BYRON JACKSON	731-S-1153-3	N/A	2P506A	1978	REPLACEMENT	NO
13) BOTTOM COLUMN	BYRON JACKSON	731-S-1155-4	N/A	2P506A	1978	REPLACED	NO
14) BOTTOM COLUMN	BYRON JACKSON	731-S-1153-4	N/A	2P506A	1978	REPLACEMENT	NO
15) NUTS (96)	A&G ENG	HT# HDA	N/A	2P506A	1987	REPLACEMENT	NO
16) BOLTS (96)	NOVA	HT# 8078732	N/A	2P506A	1993	REPLACEMENT	NO
17) STUDS (24) SUCTION BELL TO SERIES CASE	BW/IP	HT#7007310	N/A	2P506A	1993	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 Pennsylvania Power & Light Co. Date 10/31/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 3 of 6
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Page 4
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 216A - RHR Service Water
5. (a) Applicable Construction See Page 5 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) NUTS (24) SUCTION BELL TO SERIES CASE	TEXAS BOLT	HT# 8097521	N/A	2P506A	1992	REPLACEMENT	NO
19) STUDS (8) SERIES CASE TO TOP CASE	CARDINAL	HT# 9712E	N/A	2P506A	1985	REPLACEMENT	NO
20) STUDS (16) SERIES CASE TO TOP CASE	CARDINAL	HT# 6787B	N/A	2P506A	1985	REPLACEMENT	NO
21) NUTS (24) SERISEC CASE TO TOP CASE	NOVA	HT# 8078732	N/A	2P506A	1993	REPLACEMENT	NO
22) STUDS (24) TOP CASE TO COLUMN	ALLIED NUT	HT# 97495	N/A	2P506A	1993	REPLACEMENT	NO
23) NUTS (24) TOP CASE TO COLUMN	NO	HT# 8078732	N/A	2P506A	1993	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 Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 10/31/95
 Sheet 4 of 6

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

Unit 2:
See Page 4
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None
 Authorization N/A
 Expiration Date N/A

4. Identification of System 216A - RHR Service Water

5. (a) Applicable Construction See Page 5 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1-6	V23119	93-216-001
7-16	V23119	93-216-003
17-23	S15325	93-116-006



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

1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name

Two North Ninth St., Allentown, PA 18101 Sheet 5 of 6
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name

PO Box 467, Berwick, PA 18603 See Page 4
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name

Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 216A - RHR Service Water

5. (a) Applicable Construction See Page 5 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1-15,17	ASME SEC III; CLASS 3; 1971 EDITION; WINTER 1972 ADDENDA
16	ASME SEC III; CLASS 3; 1986 EDITION; NO ADDENDA
18,21,23	ASME SEC III; CLASS 3; 1989 EDITION; NO ADDENDA
19,22	ASME SEC III; CLASS 1; 1989 EDITION; NO ADDENDA
20	ASME SEC III; CLASS 1; 1983 EDITION; WINTER 1983 ADDENDA

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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 11/16/95

Sheet 6 of 6

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

Unit 2:

See Page 4

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

3. Work Performed by Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

4. Identification of System 216A - RHR Service Water

5. (a) Applicable Construction See Page 5 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1-16	PUMP REASSEMBLED WITH REBUILT PARTS AFTER 5 YR INSPECTION
17-23	PARTS USED DURING REBUILD AFTER PARTS REMOVED FORM 1P506A
Item (s)	Description of Tests
1-16	VT-2 PER SE-216-301; SYSTEM PRESSURE 65 psig.
17-23	NO CODE TESTING REQUIRED

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

1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 5
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheet 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 225A - Primary Containment Instrument Gas
5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) 1" INST GAS VALVE	TARGET ROCK	75KK-210-8 (83B-001)	N/A	SV22643	1983	REPAIRED	YES
2) FLANGED VALVE ASSY	VALCOR	4	N/A	PCV22648	1992	REPLACED	YES
3) FLANGED VALVE ASSY	VALCOR	2	N/A	PCV22648	1992	REPLACEMENT	YES
4) FLANGED VALVE ASSY	VALCOR	5	N/A	PCV22643	1992	REPLACED	YES
5) FLANGED VALVE ASSY	VALCOR	6	N/A	PCV22643	1992	REPLACEMENT	YES
6) MAIN DISC	TARGET ROCK	VALVE S/N 75KK-210-8 (83B-001)	N/A	SV22643	1983	REPLACED	NO

7. Description of Work See Sheet 5
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Sheet 5
 Other Pressure psi Test Temp. °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 Data Sheet Attached for Replacement Items #3, 5, & 9

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 Nov. 20, 19 95

Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 6/15/95 to 10/10/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7866 PAWC24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 27, 19 95

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

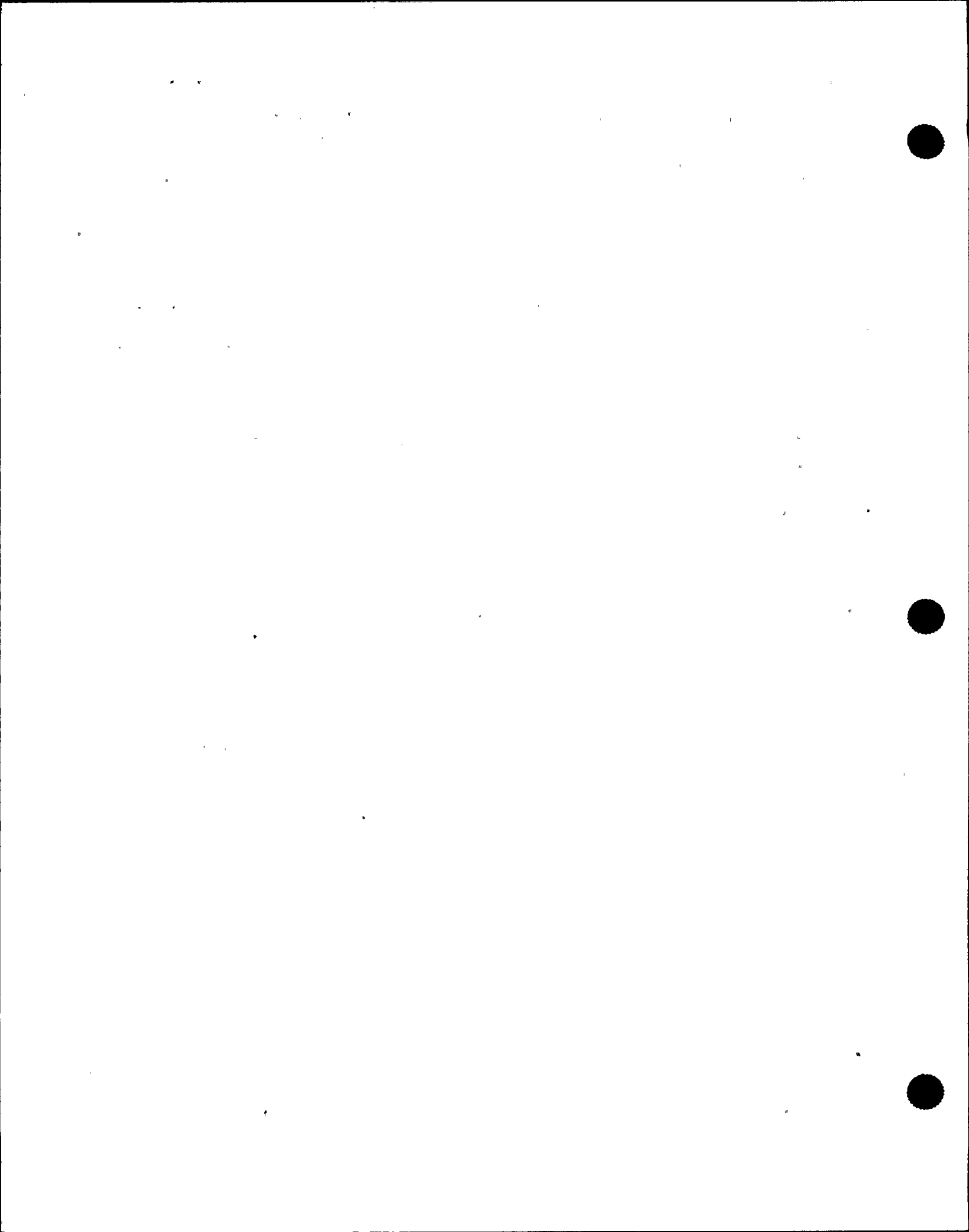
1. Owner Pennsylvania Power & Light Co. Date 11/2/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 5
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheet 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 225A - Primary Containment Instrument Gas
5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) MAIN DISC	CARTECH	575	N/A	SV22643	1991	REPLACEMENT	NO
3) FLANGED VALVE ASSY	VALCOR	6	N/A	PCV22643	1992	REPLACED	YES
9) FLANGED VALVE ASSY	VALCOR	4	N/A	PCV22643	1992	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 Pennsylvania Power & Light Co. Date 11/2/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 5
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO.Box 467, Berwick, PA 18603 See Sheet 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 225A - Primary Containment Instrument Gas
5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1	V53274	95-225-004
2,3	V53173	95-225-005
4,5	V53174	95-225-006
6,7	V53274	95-225-007
8,9	V53731	95-225-008



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

1. Owner Pennsylvania Power & Light Co. Date 11/2/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 4 of 5
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Sheet 3
Address Repair Organization P.O. No., Job No. etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

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

5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1,6,7	ASME SEC III; CLASS 3; 1980 EDITION; WINTER 1980 ADDENDA
2,3,4,5,8,9	ASME SEC III; CLASS 3; 1986 EDITION; NO ADDENDA

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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 11/16/95

Sheet 5 of 5

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

Unit 2:

See Sheet 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

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

5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1	THE BODY-TO-BONNET SEAL WELD WAS REMOVED TO REMOVE INTERNALS TO SUPPORT TP-225-021
2,3,4,5	REPLACE EXISTING FLANGED VALVE ASSY'S WITH LIKE REPLACEMENTS
6,7	WHILE SUPPORTING TP-225-021 IT WAS NOTICED NECESSARY TO REPLACE THE MAIN DISK
8,9	REPLACEMENT FLANGED VALVE ASSY FAILED AND WAS REPLACED (SECOND TIME)
Item (s)	Description of Tests
1-9	NONE, NO CODE TESTING REQUIRED



8. Design conditions 2400 (pressure) 119 (temperature) °F or valve pressure class N/X (1)

9. Cold working pressure 2522 psi at 100°F

10. Hydrostatic test 5425 psi. Disk differential test pressure 4150 psi

11. Remarks: Body P/N V52010-06-11, Housing, Spring V52091-06-7, SA479-316
L/N U445NU, V52047-6-11, Retainer, Seat SA479-316, L/N Q699NU

CERTIFICATION OF DESIGN

Design Specification certified by Dale Sattar P.E. State Penn Reg. no. 019525-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. N1076

N Certificate of Authorization No. _____ Expires 5/5/93
 Date 12/16/92 Name Valcor Engineering Corp. 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 New Jersey and employed by Factory Mutual of Norwood, Massachusetts have inspected the pump, or valve, described in this Data Report on 12/16/92, 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. *Allendale Ins. Co.

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 12/16/92 Signed [Signature] Commissions N-820
 (Authorized Inspector) (Nat'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 Pennsylvania Power & Light Co. Date .10/31/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 3
Address
 2. Plant Susquehanna Steam Electric Station Unit 2:
Name See Page 3
PO Box 467, Berwick, PA 18603 Repair Organization P.O. No., Job No., etc.
Address
 3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 234D - Core Spray Pump Room Cooling
 5. (a) Applicable Construction ANSI B31.1 19 N/A Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
 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) UPPER FLEX HOSE (UPPER COIL)	ANAMET	N/A	N/A	2E231D	1987	REPLACED	NO
2) UPPERR FLEX HOSE (UPPER COIL)	ANAMET	P/N 8WL21-1	N/A	2E231D	1987	REPLACEMENT	NO
3) LOWER FLEX HOSE (UPPER AND LOWER COILS)	ANAMET	N/A	N/A	2E231A	1987	REPLACED	NO
4) LOWER FLEX OSE (UPPER AND LOWER COILS)	ANAMET	P/N 8WL21-1	N/A	2E231A	1987	REPLACEMENT	NO

7. Description of Work Hoses were found leaking and were replaced
 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Page 3
 Other Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks N/A

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. report or replacement

Type Code Symbol Stamp N/A

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

Signed [Signature] Date Nov. 24, 19 95

Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 6/8/95 to 10/6/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 PA 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 27 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 2 of 3
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 234D - Core Spray Pump Room Cooling

5. (a) Applicable Construction ANSI B31.1 19 N/A Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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)
5) UPPER FLEX HOSE (UPPER COIL)	ANAMET	N/A	N/A	2E231B	1990	REPLACED	NO
6) UPPER FLEX HOSE (UPPER COIL)	ANAMET	994-509826-01-002	N/A	2E231B	1994	REPLACEMENT	NO
7) UPPER FLEX HOSE (UPPER COIL)	ANAMET	N/A	N/A	2E231D	1990	REPLACED	NO
8) UPPER FLEX HOSE (UPPER COIL)	ANAMET	P/N BWL21-1 HT# G8627	N/A	2E231D	1987	REPLACEMENT	NO
9) UPPER FLEX HOSE (LOWER COIL)	ANAMET	N/A	N/A	2E231D	1990	REPLACED	NO
10) UPPER FLEX HOSE (LOWER COIL)	ANAMET	P/N BWL21-1 HT# G8627	N/A	2E231D	1987	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 Pennsylvania Power & Light Co. Date 11/16/95
Name

 Two North Ninth St., Allentown, PA 18101 Sheet 3 of 3
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name

 PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name

 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address

Expiration Date N/A

4. Identification of System 234D - Core Spray Pump Room Cooling

5. (a) Applicable Construction ANSI B31.1 19 N/A Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1,2	V43645	C94-234-145
3,4	V44256	94-234-004
5,6	V44257	95-234-002
7,8	V53208	95-234-007
9,10	V53210	95-234-008

Item (s)	Description of Tests
1,2	VT-2 PER SE-254-301-2; SYSTEM PRESSURE 95 psig
3,4	VT-2 PER SE-254-301; SYSTEM PRESSURE 115 psig
5,6	VT-2 PER SE-254-301; SYSTEM PRESSURE 111 psig
7-10	VT-2 PER SE-254-301; SYSTEM PRESSURE 93 psig

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

1. Owner Pennsylvania Power & Light Co. Date 11/16/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 2
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 1& 2)WA# V44254 522# 95-234-003
Address 3& 4)WA# V44070 522# 94-234-001
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 234E - HPCI Pump Room Cooling

5. (a) Applicable Construction ANSI B31.1 19 N/A Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) UPPER FLEX HOSE (UPPER COIL)	ANAMET	N/A	N/A	2E229B	1990	REPLACED	NO
2) UPPER FLEX HOSE (UPPER COIL)	ANAMET	105144-BWL21-1	N/A	2E229B	1987	REPLACEMENT	NO
3) LOWER FLEX HOSE	ANACONDA	N/A	N/A	2E229B	1987	REPLACED	NO
4) LOWER FLEX HOSE	ANAMET	794-508841-04-001	N/A	2E229B	1994	REPLACEMENT	NO

7. Description of Work Hoses found to be leaking and in need of replacement.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Page 2
 Other Pressure _____ psi Test Temp. _____ °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 N/A

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 Jul 20 '95
Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 8/19/95 to 9/11/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 PA WC 24619 AN 11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 27 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 11/16/95
Name

Two North Ninth St., Allentown, PA 18101 Sheet 2 of 2
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name

PO Box 467, Berwick, PA 18603 1& 2)WA# V44254 522# 95-234-003
Address 3& 4)WA# V44070 522# 94-234-001
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name

Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address

Expiration Date N/A

4. Identification of System 234E - HPCI Pump Room Cooling

5. (a) Applicable Construction ANSI B31.1 19 N/A Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Tests
1,2	VT-2 PER SE-254-301; SYSTEM PRESSURE 111 psig
3,4	VT-2 PER SE-254-301; SYSTEM PRESSURE 90 psig



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

1. Owner Pennsylvania Power & Light Co. Date 11/16/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 1
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name WA# V53207; 522# 95-234-006
PO Box 467, Berwick, PA 18603 Repair Organization P.O. No., Job No., etc.
Address

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name Authorization N/A
Two North Ninth St., Allentown, PA 18101 Expiration Date N/A
Address

4. Identification of System 234F - RCIC Pump Room Cooling

5. (a) Applicable Construction ANSI B31.1 19 N/A Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) UPPER FLEX HOSE (UPPER COIL)	ANAMET	N/A	N/A	2E228B	1990	REPLACED	NO
2) UPPER FLEX HOSE (UPPER COIL)	ANAMET	P/N 105144 / BWL21-1 HT# G8627	N/A	2E228B	1987	REPLACEMENT	NO

7. Description of Work Hose found to be leaking and in need of replacement.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure VT-2 during SE-254-301
 Other Pressure 93 psi Test Temp. N/A °F

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

FORM NIS-2 (Back)

3. Remarks N/A

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 OF REPLACEMENT

Type Code Symbol Stamp N/A

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

Signed [Signature] Date Nov. 20 19 95
Owner or Owner's Designee Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 6/8/95 to 9/8/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 PA WC 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 27 19 95

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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 10/31/95

Sheet 1 of 3

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

Unit 2:

See Page 3

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

3. Work Performed by Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

4. Identification of System 234G - RHR Pump Room Cooling

5. (a) Applicable Construction ANSI B31.1 19 N/A Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) UPPER FLEX HOSE (LOWER COIL)	ANAMET	N/A	N/A	2E230B	1987	REPLACED	NO
2) UPPER FLEX HOSE (LOWER COIL)	ANACONDA	794-508841-02-002	N/A	2E230B	1994	REPLACEMENT	NO
3) UPPER FLEX HOSE (UPPER COIL)	ANAMET	N/A	N/A	2E230D	1990	REPLACED	NO
4) UPPER FLEX HOSE (UPPER COIL)	ANAMET	994-509951-01-005	N/A	2E230D	1994	REPLACEMENT	NO
5) LOWER FLEX HOSE (UPPER COIL)	ANAMET	N/A	N/A	2E230C	1990	REPLACED	NO
6) LOWER FLEX HOSE (UPPER COIL)	ANAMET	105144 / BWL21-1	N/A	2E230C	1987	REPLACEMENT	NO

7. Description of Work Hoses were found to be leaking and in need of replacement

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Page 3
Other Pressure _____ psi Test Temp. _____ °F

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

FORM NIS-2 (Back)

9. Remarks N/A

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 Nov 20, 19 95
Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 7/5/95 to 8/15/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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.

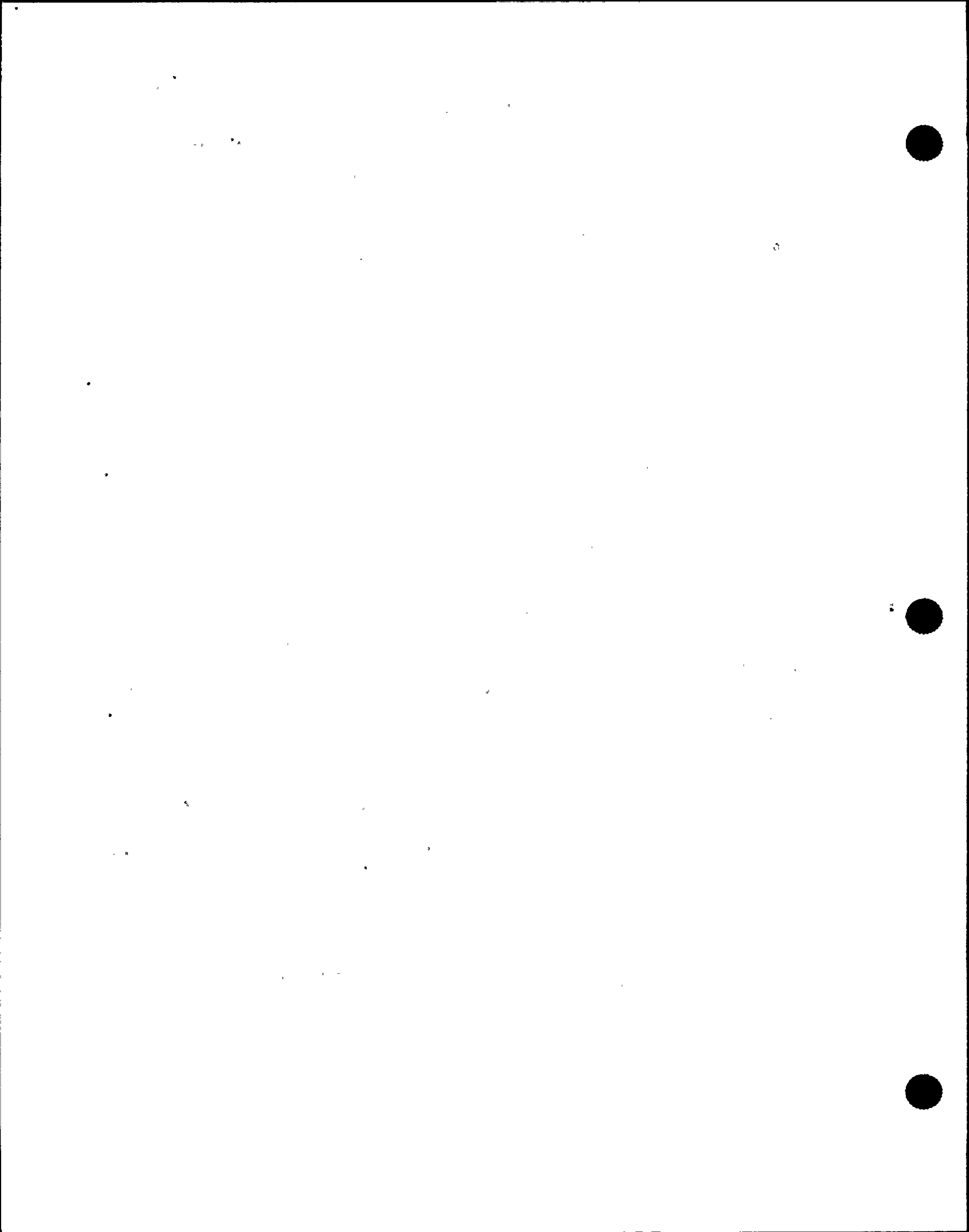
[Signature] Commissions NB 7866 PA WC 24619 AN 11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 27, 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
- Two North Ninth St., Allentown, PA 18101 Sheet 2 of 3
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
- PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
- Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address
- Expiration Date N/A
4. Identification of System 234G - RHR Pump Room Cooling
5. (a) Applicable Construction ANSI B31.1 19 N/A Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) UPPER FLEX HOSE (UPPER COIL)	ANAMET	N/A	N/A	2E230B	1990	REPLACED	NO
8) UPPER FLEX HOSE (UPPER COIL)	ANAMET	994-509826-01-001	N/A	2E230B	1994	REPLACEMENT	NO
9) LOWER FLEX HOSE (LOWER COIL)	ANAMET	900625	N/A	2E230A	1990	REPLACED	NO
10) LOWER FLEX HOSE (LOWER COIL)	ANAMET	003	N/A	2E230A	1995	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 Pennsylvania Power & Light Co.
Name

Date 11/16/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 3 of 3

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

PO Box 467, Berwick, PA 18603
Address

See Page 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 234G - RHR Pump Room Cooling

5. (a) Applicable Construction ANSI B31.1 19 N/A Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1,2	V43647	C94-234-144
3,4	V44258	95-234-001
5,6	V44299	95-234-004
7,8	V44300	95-234-005
9,10	V53423	95-234-010

Item (s)	Description of Tests
1,2	VT-2 DURING SE-254-301; SYSTEM PRESSURE 90 psig
3,4	VT-2 DURING SE-254-301; SYSTEM PRESSURE 110 psig
5-8	VT-2 DURING SE-254-301; SYSTEM PRESSURE 111 psig
9,10	VT-2 DURING SE-254-301; SYSTEM PRESSURE 113 psig

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

1. Owner Pennsylvania Power & Light Co.
Name

Date 11/1/95

 Two North Ninth St., Allentown, PA 18101
Address

Sheet 1 of 4

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

 PO Box 467, Berwick, PA 18603
Address

 See Page 3

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

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

 Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 234U - Emergency LC & Switchgear Rooms Supply

5. (a) Applicable Construction See Page 3 19 Edition, Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) LEAK-OFF PLUG	ANCHOR DARLING	VALVE S/N E1595-1-2	N/A	211104	1983	REPLACED	NO
2) LEAK-OFF PLUG	CAPITOL	HT# 084K	N/A	211104	1994	REPLACEMENT	NO
3) 4" BUTTERFLY VALVE	CONTROMATICS	85225-13-6	328	HV21144A	1979	REPLACED	YES
4) 4" BUTTERFLY VALVE	CONTROMATICS	84954-16-1	318	HV21144A	1979	REPLACEMENT	YES
5) STUD	N/A	N/A	N/A	HV21144A	N/A	REPLACED	NO
6) STUD	CARDINAL	HT# X107E	N/A	HV21144A	1983	REPLACEMENT	NO

7. Description of Work See Page 4

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Page 4
Other Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks Manufacturer Data Sheet Attached for Replacement Item #4

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. report or replacement

Type Code Symbol Stamp N/A

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

Signed [Signature] Date Nov. 20, 19 95
Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 12/20/94 to 9/20/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 PAWC 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 27 19 95

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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 10/31/95

Sheet 2 of 4

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

Unit 2:

See Page 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

4. Identification of System 234U - Emergency LC & Switchgear Rooms Supply

5. (a) Applicable Construction See Page 3 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) NUTS	N/A	N/A	N/A	HV21144A	N/A	REPLACED	NO
8) NUTS	TEXAS BOLT	HT# 58092	N/A	HV21144A	1994	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 Pennsylvania Power & Light Co. Date 10/31/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 4
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 234U - Emergency LC & Switchgear Rooms Supply

5. (a) Applicable Construction See Page 3 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1,2	V44196	94-234-002
3 THRU 8	V44236	94-234-003

Item (s)	Applicable Construction Code
1	ASME SEC III; CLASS 3; 1971 EDITION, WINTER 1972 ADDENDA; CODE CASES 1516-1 AND 1534
2	ASME SEC III; CLASS 1; 1986 EDITION, NO ADDENDA
3,5,7	ASME SEC III; CLASS 3; 1974 EDITION; WINTER 1975 ADDENDA
4	ASME SEC III; CLASS 2; 1974 EDITION; WINTER 1975 ADDENDA
6	ASME SEC III; CLASS 1; 1983 EDITION; WINTER 1983 ADDEDNDA
8	ASME SEC III; CLASS 1; 1986 EDITION; NO ADDENDA



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

1. Owner Pennsylvania Power & Light Co.
Name

Date 11/16/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 4 of 4

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

PO Box 467, Berwick, PA 18603
Address

See Page 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 234U - Emergency LC & Switchgear Rooms Supply

5. (a) Applicable Construction See Page 3 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1,2	DUE TO SEAT LEAKAGE VALVE WAS REWORKED AND LEAKOFF PLUG WAS REPLACED
3 THRU 8	PER RIE 94-0051 VALVE WAS REPLACED (ALONG WITH A STUD AND NUTS)
Item (s)	Description of Tests
1,2	NO CODE TESTING REQUIRED
3 THRU 8	VT-2 DURING SE-254-301; SYSTEM PRESSURE 138 psig

P.O. 9779-40A, Item # 32,33,34 S.O. NPS84954, Items #16, 17, 18
 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 Contromatics Div., 222 Roberts St., E. Hartford, Ct. 06108
(Name and Address of N Certificate Holder)
2. Manufactured for WPSS, 3000 George Washington Way, Richland, Washington 99352
(Name and Address of Purchaser or Owner)
3. Location of Installation Hanford Reservation Project 4, Richland, Washington
(Name and Address)
4. Pump or Valve Butterfly Valve Nominal Inlet Size 4 (inch) Outlet Size 4 (inch)

(a) Model No. (b) N Certificate Holder's Serial No. (c) Canadian Registration No. (d) Drawing No. (e) Class (f) Nat'l. Bd. No. (g) Year Built

	(a) Model No.	(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)	Butterfly	84954-16-1	N/A	2498-00-48E	2	318	1979
(2)	Butterfly	84954-16-2	N/A	2498-00-48E	2	319	1979
(3)	Butterfly	84954-16-3	N/A	2498-00-48E	2	320	1979
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. Component Cooling Water Tag #4-CCW-V-194B, 4-CCW-V-202A, ✓
(Brief description of service for which equipment was designed)
 & 4-CCW-V-203B

6. Design Conditions 200 (Pressure) psi 200 (Temperature) °F or Valve Pressure Class 150 (1)
7. Cold Working Pressure 275 psi at 100°F.
8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
Body	ASME-SA-351 CF8M /	Lodi Iron Works	
Ht #E914 /			
Ht #E915 /			
Disc	ASME-SA-351 CF8M /	Lodi Iron Works	
Ht #E687 /			
(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.

34 20 99 16 85
 54 20 99 16 85
 54 20 99 16 85

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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 11/1/95

Sheet 1 of 4

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

Unit 2:

See Sheet 2

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

3. Work Performed by Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

4. Identification of System 235B - Fuel Pool Cooling

5. (a) Applicable Construction See Sheet 3 19 Edition, Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) 6" CHECK VALVE DISC	PAC VALVES	VALVE S/N 0111-6	N/A	253009B	1976	REPLACED	NO
2) 6" CHECK VALVE DISC	CONTROL COMPONENTS	HT# B8424 PN 97034080Z S/N M447870	N/A	253009B	1993	REPLACEMENT	YES
3) LEAK-OFF PLUG	WALWORTH	VALVE S/N A1238	N/A	253023	1976	REPLACED	NO
4) LEAK-OFF PLUG	COLONIAL	HT# CGJ	N/A	253023	1989	REPLACEMENT	NO
5) LEAK-OFF PLUG	ANCHOR DARLING	VALVE S/N E9140-1-2	N/A	253114	1980	REPLACED	NO
6) LEAK-OFF PLUG	COLONIAL	HT# CGJ	N/A	253114	1989	REPLACEMENT	NO

7. Description of Work See Sheet 4

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Sheet 4
Other Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks Manufacturer Data Sheet Attached for Replacement Item #2

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 Nov. 20, 19 95
Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 5/24/95 to 8/16/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB786 PAWC 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 27 19 95

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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 10/31/95

Sheet 2 of 4

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

Unit 2:

See Sheet 2

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

3. Work Performed by Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

4. Identification of System 235B - Fuel Pool Cooling

5. (a) Applicable Construction See Sheet 3 19 Edition, Addenda, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No
1,2	V53296	95-235-001
3-6	V33336	C93-235-175



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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date 11/10/95
 Sheet 3 of 4

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

Unit 2:
 See Sheet 2
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

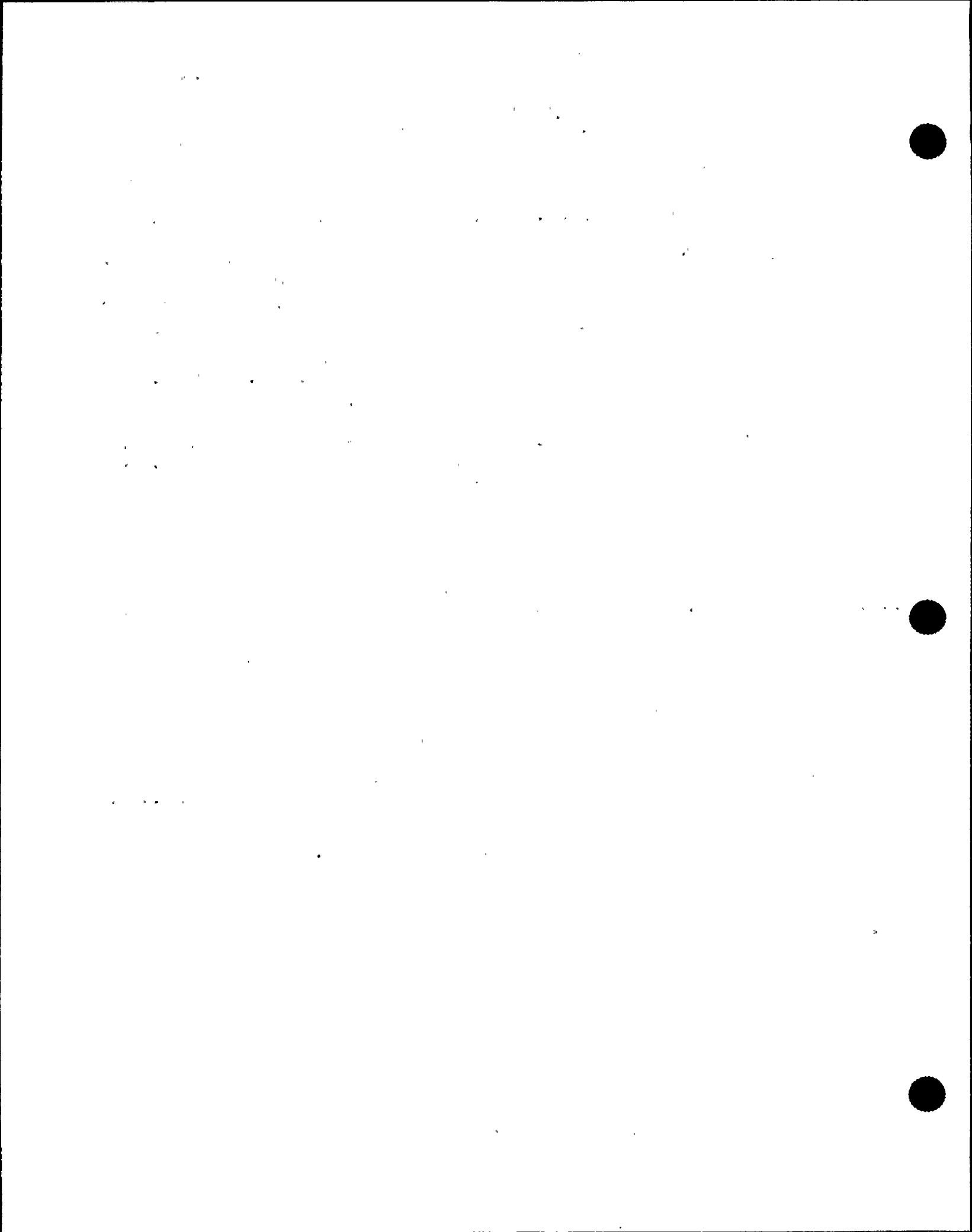
Type Code Symbol None
 Authorization N/A
 Expiration Date N/A

4. Identification of System 235B - Fuel Pool Cooling

5. (a) Applicable Construction See Sheet 3 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1	ASME SEC III; CLASS 3; 1971 EDITION; WINTER 1972 ADDENDA
2	ASME SEC III; CLASS 2; 1971 EDITION; WINTER 1972 ADDENDA
3	VALVE - ASME SEC III; CLASS 3; 1971 EDITION; WINTER 1972 ADDENDA
5	VALVE - ASME SEC III; CLASS 3; 1971 EDITION; WINTER 1972 ADDENDA; CODE CASES 1516-1, 1534, 1535-2, AND 1334-2
4, 6	ASME SEC III; CLASS 1; 1986 EDITION; 1988 ADDENDA



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

1. Owner Pennsylvania Power & Light Co.
Name

Date 11/17/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 4 of 4

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

PO Box 467, Berwick, PA 18603
Address

See Sheet 2.
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 235B - Fuel Pool Cooling

5. (a) Applicable Construction See Sheet 3 19 Edition, Addenda, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: '89 NO ADD.

6: Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1,2	DISK STUD WAS WORN AND SHOWING SIGNS OF FLUTTERING; DISC WAS REPLACED
3-6	C.S. PLUGS WERE IN COMPLIANCE WITH CODE BUT NOT PP&L SPEC M-1474, SO THEY WERE REPLACED WITH S.S. PLUGS
Item (s)	Description of Tests
1,2	VT-2 PERFORMED; SYSTEM PRESSURE 117 psig
3-6	NO CODE TESTING REQUIRED

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 Control Components Inc. 225th Avenida Empero, 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 97034 SA516-GR. 70. 70.0 KSI N/A 1993
(drawing no.) (mat'l spec. no.) (tensile strength) (CRW) (year built)

5. ASME Code, Section III, Division 1: 1971 WINTER 1972 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 FOR A 6" PV CHECK VALVE
CCI WORK ORDER #624391
CCI MO# M447870, PN 97034080Z

8. Nom. thickness (in.) .931" Min. design thickness (in.) .928" Dia. ID (in.) N/A Length overall (in.) 3.7"

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.) M447870		(20.)	
(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 to 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.



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

CERTIFICATION OF DESIGN			
Design specification certified by	<u>F.C.A. DOWSETT</u> <small>(when applicable)</small>	P.E. State	<u>PA</u> Reg. no. <u>19854E</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 the (these) conforms to the rules of construction of the ASME Code, Section II, Division 1.	<u>DISC</u>
NPT Certificate of Authorization No. <u>2696</u>	Expires <u>JUNE 7, 1994</u>
Date <u>6-23-93</u> Name <u>CONTROL COMPONENTS INC.</u> <small>(NPT Certificate Holder)</small>	Signed <u>Fred Zilk</u> <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>6-23-93</u> , and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appliances in accordance with the ASME Code Section II, 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>6-23-93</u> signed <u>William Meyer</u> <small>(Authorized Inspector)</small>	Commissions <u>Ca 1494</u> <small>(Net Bd. (including endorsement) and state or prov. and no.)</small>

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

1. Owner Pennsylvania Power & Light Co. Date 11/2/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 5
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheet 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 245A - Feedwater System
5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) 1" STEM & DISC ASSY	YARWAY	VALVE S/N A0860	N/A	241001	1977	REPLACED	NO
2) 1" STEM & DISC ASSY	YARWAY	FROM 2828	N/A	241001	1976	REPLACEMENT	NO
3) BACKSEAT BUSHING	YARWAY	VALVE S/N A0860	N/A	241001	1977	REPLACED	NO
4) BACKSEAT BUSHING	YARWAY	FROM B0533	N/A	241001	1979	REPLACEMENT	NO
5) 1" STEM & DISC ASSY	YARWAY	VALVE S/N A0830	N/A	241002	1977	REPLACED	NO
6) 1" STEM & DISC ASSY	YARWAY	FROM B0681	N/A	241002	1979	REPLACEMENT	NO

7. Description of Work See Sheet 5
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Sheet 5
 Other Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

3. Remarks Manufacturer's Data Sheets are Attached for the Valve which Replacement Items #2, 4, 6, & 8

Applicable Manufacturer's Data Reports to be Attached

were Removed.

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 Mar 20, 19 95
Owner or Owner's Designee, Title LVP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 10/8/95 to 10/11/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 Pa W. 24619 AN11
 Inspector's Signature National Board, State, Province, and Endorsements

Date _____ 19 _____

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

1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 5
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheet 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 245A - Feedwater System
5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) BACKSEAT BUSHING	YARWAY	VALVE S/N A0830	N/A	241002	1977	REPLACED	NO
8) BACKSEAT BUSHING	YARWAY	FROM 80542	N/A	241002	1979	REPLACEMENT	NO
9) LEAK-OFF PLUG	VALVE ANCHOR DARLING PLUG COLONIAL	VALVE S/N E6734-2-3 PLUG HT# AEM	N/A	241021A	VALVE 1986 PLUG 1984	REPLACED	NO
10) LEAK-OFF PLUG	CAPITOL	HT# 0936	N/A	241021A	1995	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 Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date 10/31/95

Sheet 3 of 5

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

Unit 2:

 See Sheet 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

4. Identification of System 245A - Feedwater System

5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No
1-8	V53345	95-245-004
9,10	V53751	95-254-005

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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date 10/31/95

Sheet 4 of 5

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

Unit 2:

 See Sheet 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

4. Identification of System 245A - Feedwater System

5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1,3,5,7	ASME SEC III; CLASS 2; 1974 EDITION; WINTER 1974 ADDENDA
2,4,6,8	ASME SEC III; CLASS 1; 1974 EDITION; WINTER 1974 ADDENDA
9	VALVE - ASME SEC III; CLASS 2; 1971 EDITION; WINTER 1972 ADDENDA
10	ASME SEC III; CLASS 1; 1989 EDITION; NO ADDENDA



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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date 11/2/95
 Sheet 5 of 5

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

Unit 2:
 See Sheet 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None
 Authorization N/A
 Expiration Date N/A

4. Identification of System 245A - Feedwater System

5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1-8	DURING REWORK OF THE VALVE IT BECAME NECESSARY TO REPLACE THE STEM & DISC AND BACKSEAT BUSHINGS OF THESE VALVES
9,10	PORT PLUG WAS FOUND TO BE LEAKING AND WAS RELACED WITH NEW PLUG WITH COPALITE
Item (s)	Description of Tests
1-10	NO CODE TESTING REQUIRED

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

As Formed by the Committee of the ASME Code Rules

1. Manufactured by Yarway Corporation, Blue Bell, PA Order No. 40731
(Name & Address of Manufacturer)

2. Manufactured for Bechtel Power Corporation Order No. 9645-M-251.0
(Name and Address)

3. Owner Mississippi Power and Light Company

4. Location of Plant Fort Gibson, Mississippi

5. Pump or Valve Identification Nuclear Service Valves - Serial Numbers 2815 thru 2829 inclusive
(Brief description of service for which equipment was designed)

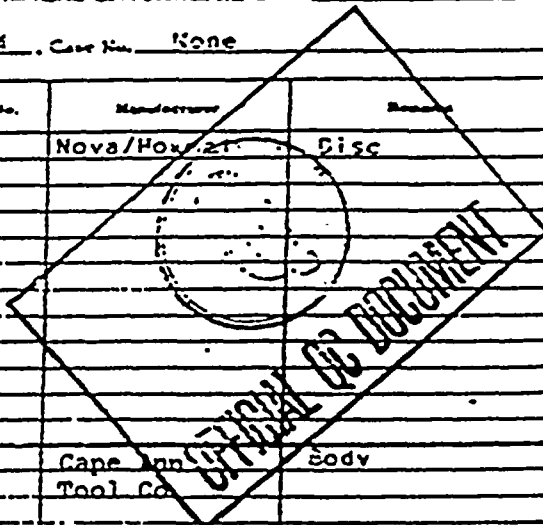
(a) Drawing No. 103271-04 Prepared by Yarway Corporation

(b) National Board No. NONE

6. Design Conditions 2350 psi 700 °F or Pressure Class 1500 psi (1)
(Pressure) (Temperature)

7. The material, design, construction, and workmanship complies with ASME Code Section III Class 1
 Edition 1974, Addenda Date Winter 1974, Case No. None

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) CASTINGS <u>A4</u>	<u>KMS 5382</u>	<u>Nova/Hov. et</u>	<u>Disc</u>
(b) FORGINGS <u>NS</u>	<u>SA105</u>	<u>Cape Ann Tool Co</u>	<u>Body</u>
	<u>YW598</u>	<u>Copperweld Specialty Steel Co</u>	<u>Backseat Bushing</u>

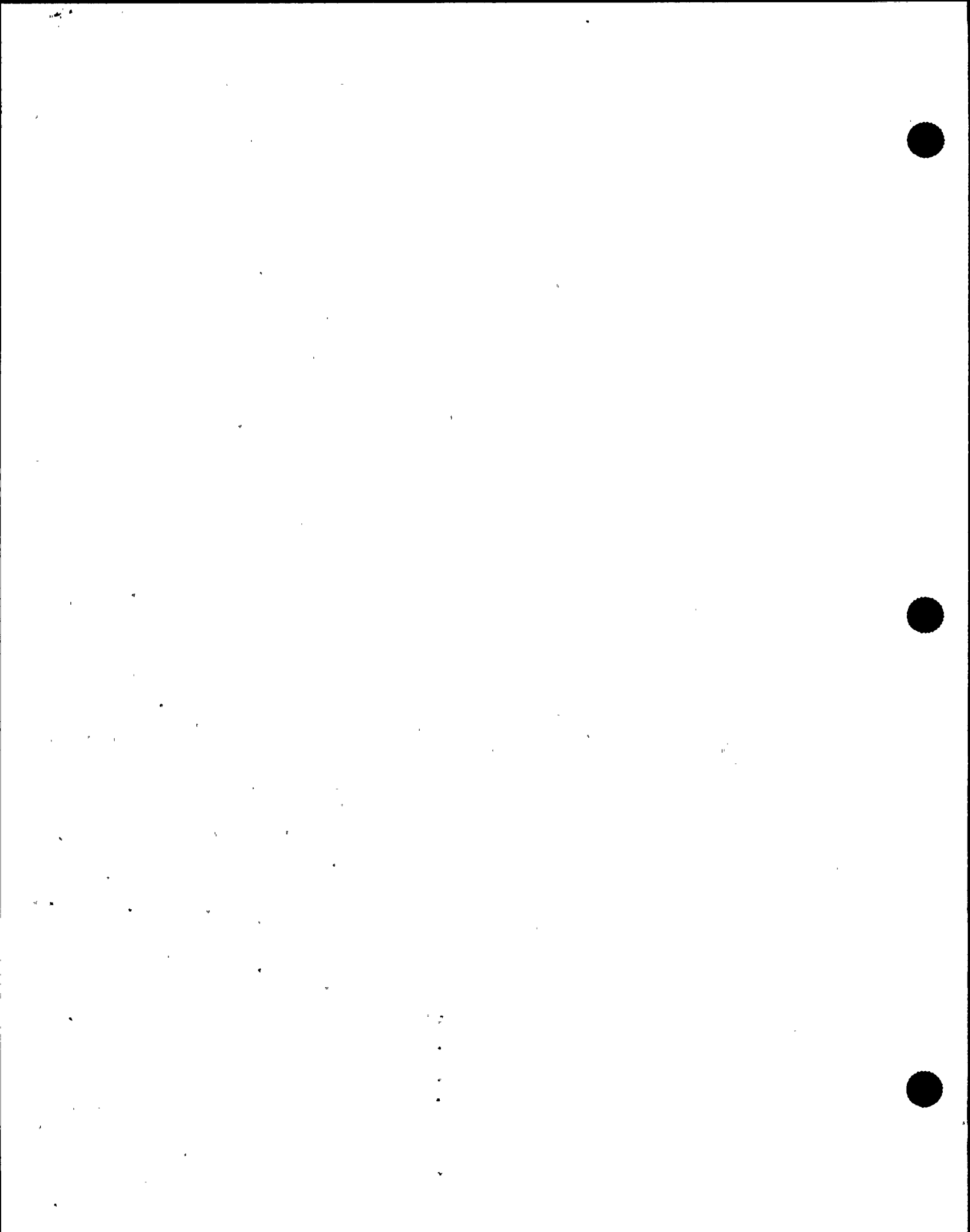


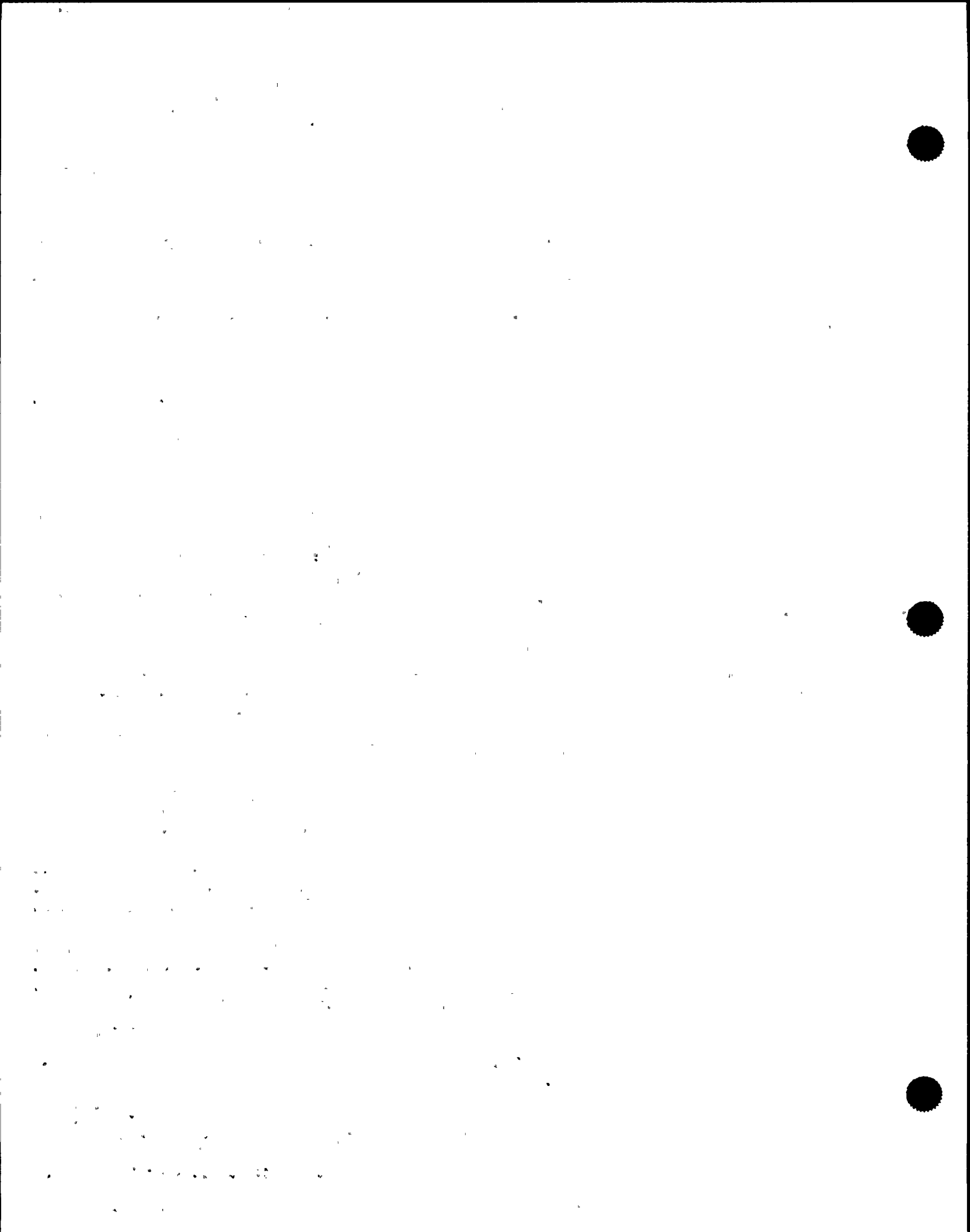
(1) for manually operated valves only

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 9 1/2" x 11", (2) information on items 1, 2, 3, 4 and 5 in 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.

This form (E00017) may be obtained from the Order Dept., ASME, 345 E. 47 St., New York, N.Y. 10017.

91-0139
19 30





1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 60531
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"

SERIAL NUMBER(S) B0521 THRU B0545

(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

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 1

Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
65	Castings C8	AMS 5385	NOVA/HOWMET	DISC
			CORPORATION	
53	C10	AMS 5385	NOVA/HOWMET	DISC
			CORPORATION	
00	(b) Forgings BS	SA105	CAPE ANN TOOL	BODY
			COMPANY	
00	Y8	SA105	CAPE ANN TOOL	BODY
			COMPANY	
	1764	SA182 Gr. F6a	CYCLOPS CORP.	BACKSEAT BUSHING

(1) For manually operated valves only.

91-0783
 74 78

*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, 3a and 3b 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.

1. Manufactured by YARWAY CORPORATION, BLUE HILL, PA, 19422 Order No. 50991

2. Manufactured for MISSISSIPPI POWER CORPORATION Order No. 2588-X-221

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"

SERIAL NUMBER(S) B0671 THRU B0695

(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

6. Design Conditions _____ psi _____ °F or Pressure Class 1500 psi

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 1

8. Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	NOVA/HOMMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOMMET CORPORATION	DISC
(b) Forgings	B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr. E6a	CYCLOPS CORP.	BACKSEAT MISHING

4691-0138
RECORD PACKAGE
PAGE 25 OF 99

(1) For manually operated valves only.

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 9 1/2" x 11", (2) information in items 1, 2, 3a and 3b 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.

9.1-1832-1426



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

1. Owner Pennsylvania Power & Light Co. Date 11/10/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 4
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO.Box 467, Berwick, PA 18603 See Sheet 2
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 249A - RHR Pool Spray Pumps and Auxiliary

5. (a) Applicable Construction See Sheet 3 19 Edition, Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) 4" SWING CHECK VALVE - DISC	ANCHOR DARLING	VALVE S/N E5854-69-1	N/A	251F046C	1976	REPLACED	NO
2) 4" SWING CHECK VALVE - DISC	ANCHOR DARLING	9	N/A	251F046C	1995	REPLACEMENT	YES
3) 4" SWING CHECK VALVE	ANCHOR DARLING	E5854-69-1	N/A	251F046C	1976	REPAIRED	YES
4) LEAK-OFF PLUG	ANCHOR DARLING	VALVE S/N E5854-47-3	N/A	HV251F004C	1976	REPLACED	NO
5) LEAK-OFF PLUG	COLONIAL	HT# AEM	N/A	HV251F004C	1989	REPLACEMENT	NO

7. Description of Work See Sheet 4

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Sheet 4
 Other Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks Manufacturer Data Sheet Attached for Replacement Item #2
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 Nov. 20, 19 95
Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9/1/95 to 10/1/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 PA W 24619 AN 11
Inspector's Signature National Board, State, Province, and Endorsements

Date 19

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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 11/2/95

Sheet 2 of 4

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

Unit 2:

See Sheet 2
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

4. Identification of System' 249A - RHR Pool Spray Pumps and Auxiliary

5. (a) Applicable Construction See Sheet 3 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1-3	P45408	95-249-004
4-5	V14384	C92-249-142

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

1. Owner Pennsylvania Power & Light Co.
Name

Date 11/2/95

 Two North Ninth St., Allentown, PA 18101
Address

Sheet 3 of 4

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

 PO Box 467, Berwick, PA 18603
Address

 See Sheet 2
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

 Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 249A - RHR Pool Spray Pumps and Auxiliary

5. (a) Applicable Construction See Sheet 3 19 Edition, Addenda, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1-3	ASME SEC III; CLASS 2; 1971 EDITION; WINTER 1972 ADDENDA
4	VALVE - ASME SEC III; CLASS 2; 1971 EDITION; WINTER 1972 ADDENDA; CODE CASES 1516-1 AND 1534 PLUG - COMMERCIAL GRADE
5	ASME SEC III; CLASS 1; 1986 EDITION; 1988 ADDENDA

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

1. Owner Pennsylvania Power & Light Co.
Name

Date 11/13/95

 Two North Ninth St., Allentown, PA 18101
Address

Sheet 4 of 4

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

 PO Box 467, Berwick, PA 18603
Address

 See Sheet 2
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

 Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 249A - RHR Pool Spray Pumps and Auxiliary

5. (a) Applicable Construction See Sheet 3 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1-3	TACK WELD SWING ARM SET SCREW AND REPLACE THE DISC
4,5	NO RECORDS CAN BE FOUND INDICATING REPLACEMENT OF COMMERCIAL GRADE PLUG. PLUG WAS REMOVED AND REPLACED WITH AN ASME PLUG

Item (s)	Description of Tests
1-3	VT-2 PER SE-249-301 (LOOP A @ 280 psig; LOOP B @ 275 psig)
4,5	NO CODE TESTING REQUIRED

FORM N-2 NPT CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PART AND APPURTENANCES*

As required by the Provision of the ASME Code Rules, Section III, Div. 1

1. (a) Manufactured by Anchor/Darling Valve Co., 701 First St., Williamsport, PA 17701
(Name and address of NPT Certificate Holder)
- (b) Manufactured for Pennsylvania Power & Light Co., 2 N. 9th St., Allentown, PA 18101
(Name and address of N Certificate Holder for completed nuclear component)
2. Identification-Certificate Holder's Serial No. of Part S/N - 9 / Nat'l Bd. No. N/A
- (a) Constructed According to Drawing No. D8111 / Drawing Prepared by Anchor/Darling Valve Company
- (b) Description of Part Inspected Disc, Heat No. A630A / SA105 /
- (c) Applicable ASME Code: Section III, Edition 1971 /, Addenda date Wnt '72 /, Case No. --- Class 2 /
3. Remarks: 4"-300#-Swing Check
(Brief description of service for which component was designed)
A/DV Shop Order P574B-2

Note: No Disc Hydro Performed

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 7/19 19 95 Signed Anchor/Darling Valve Co. By R. L. Stanmet
(NPT Certificate Holder)

Certificate of Authorization Expires 4/15/98 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 6-29-95 7-20-95 19 95, 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 7-20 19 95

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



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

1. Owner Pennsylvania Power & Light Co. Date 11/10/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 1 of 10
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Page 8
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

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

5. (a) Applicable Construction See Page 9 19 Edition, Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD. *See Page 10 (Testing) for Sec XI Code Case Usage

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 SUPPORT	BECHTEL	N/A	N/A	SP-HBC-239-H5005	1976	REPAIRED	NO
2) SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SP-HBC-240-H5007	1976	REPAIRED	NO
3) SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SP-HBC-240-H5010	1976	REPAIRED	NO
4) SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SP-HBC-240-H5011	1976	REPAIRED	NO
5) SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SP-HBC-239-H5010	1976	REPAIRED	NO
6) 1/2" GLOBE VALVE	YARWAY	A1087	N/A	1RV-FP-21185A	1977	REPLACED	YES

7. Description of Work See Page 10.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Page 10
 Other Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks Manufacturer's Data Sheets are Attached for Replacement Items #7, 9, 11, 13, 15, 17, 19, 21,

Applicable Manufacturer's Data Reports to be attached

23, 25, 27, 29, 31, 33, 35, 37, 41, 43, & 45. A Data Sheet is Also Attached for the Valve which

Replacement Item #39 was Removed.

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 Nov. 20, 19 95
Owner or Owner's Designee, Type NP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 8/23/95 to 10/4/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7866 PAWC 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 27, 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 11/10/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 10
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheet 8
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 249A - RHR Sysytem Pool Spray, Pumps and Auxiliary

5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD. *See Page 10 (Testing) for Sec XI Code Case Usage

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) 1/2" GLOBE VALVE	YARWAY	B6470	N/A	1RV-FP-21185A	1982	REPLACEMENT	YES
8) 1/2" GLOBE VALVE	YARWAY	A1093	N/A	2RV-FP-21185A	1977	REPLACED	YES
9) 1/2" GLOBE VALVE	YARWAY	A1140	N/A	2RV-FP-21185A	1977	REPLACEMENT	YES
10) 1/2" GLOBE VALVE	YARWAY	A1108	N/A	1RV-FP-21185B	1977	REPLACED	YES
11) 1/2" GLOBE VALVE	YARWAY	B6456	N/A	1RV-FP-21185B	1982	REPLACEMENT	YES
12) 1/2" GLOBE VALVE	YARWAY	A1101	N/A	2RV-FP-21185B	1977	REPLACED	YES
13) 1/2" GLOBE VALVE	YARWAY	B6480	N/A	2RV-FP-21185B	1982	REPLACEMENT	YES
14) 1/2" GLOBE VALVE	YARWAY	A8382	N/A	1RV-FP-21185C	1979	REPLACED	YES
15) 1/2" GLOBE VALVE	YARWAY	B6471	N/A	1RV-FP-21185C	1982	REPLACEMENT	YES
16) 1/2" GLOBE VALVE	YARWAY	A8391	N/A	2RV-FP-21185C	1979	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 Pennsylvania Power & Light Co. Date 11/10/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 10
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheet 8
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 249A - RHR Ssystem Pool Spray, Pumps and Auxiliary
5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD. *See Page 10 (Testing) for Sec XI Code Case Usage
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)
17) 1/2" GLOBE VALVE	YARWAY	9960	N/A	2RV-FP-21185C	1977	REPLACEMENT	YES
18) 1/2" GLOBE VALVE	YARWAY	A1122	N/A	1RV-FP-21185D	1977	REPLACED	YES
19) 1/2" GLOBE VALVE	YARWAY	A1088	N/A	1RV-FP-21185D	1977	REPLACEMENT	YES
20) 1/2" GLOBE VALVE	YARWAY	A8356	N/A	2RV-FP-21185D	1979	REPLACED	YES
21) 1/2" GLOBE VALVE	YARWAY	B6454	N/A	2RV-FP-21185D	1982	REPLACEMENT	YES
22) 1" GLOBE VALVE	YARWAY	5426	N/A	1RV-PP-21185A	1976	REPLACED	YES
23) 1" GLOBE VALVE	YARWAY	B1763	N/A	1RV-PP-21185A	1980	REPLACEMENT	YES
24) 1" GLOBE VALVE	YARWAY	5355	N/A	1RV-PP-21183A	1976	REPLACED	YES
25) 1" GLOBE VALVE	YARWAY	B0566	N/A	1RV-PP-21183A	1979	REPLACEMENT	YES
26) 1" GLOBE VALVE	YARWAY	5475	N/A	1RV-PP-21183B	1976	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 Pennsylvania Power & Light Co. Date 11/10/95
Name
- Two North Ninth St., Allentown, PA 18101 Sheet 4 of 10
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
- PO Box 467, Berwick, PA 18603 See Sheet 8
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
- Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address
- Expiration Date N/A
4. Identification of System 249A - RHR Sysytem Pool Spray, Pumps and Auxiliary
5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD. *See Page 10 (Testing) for Sec XI Code Case Usage
6. Identification of Components Repaired or Replaced and Replacement Components

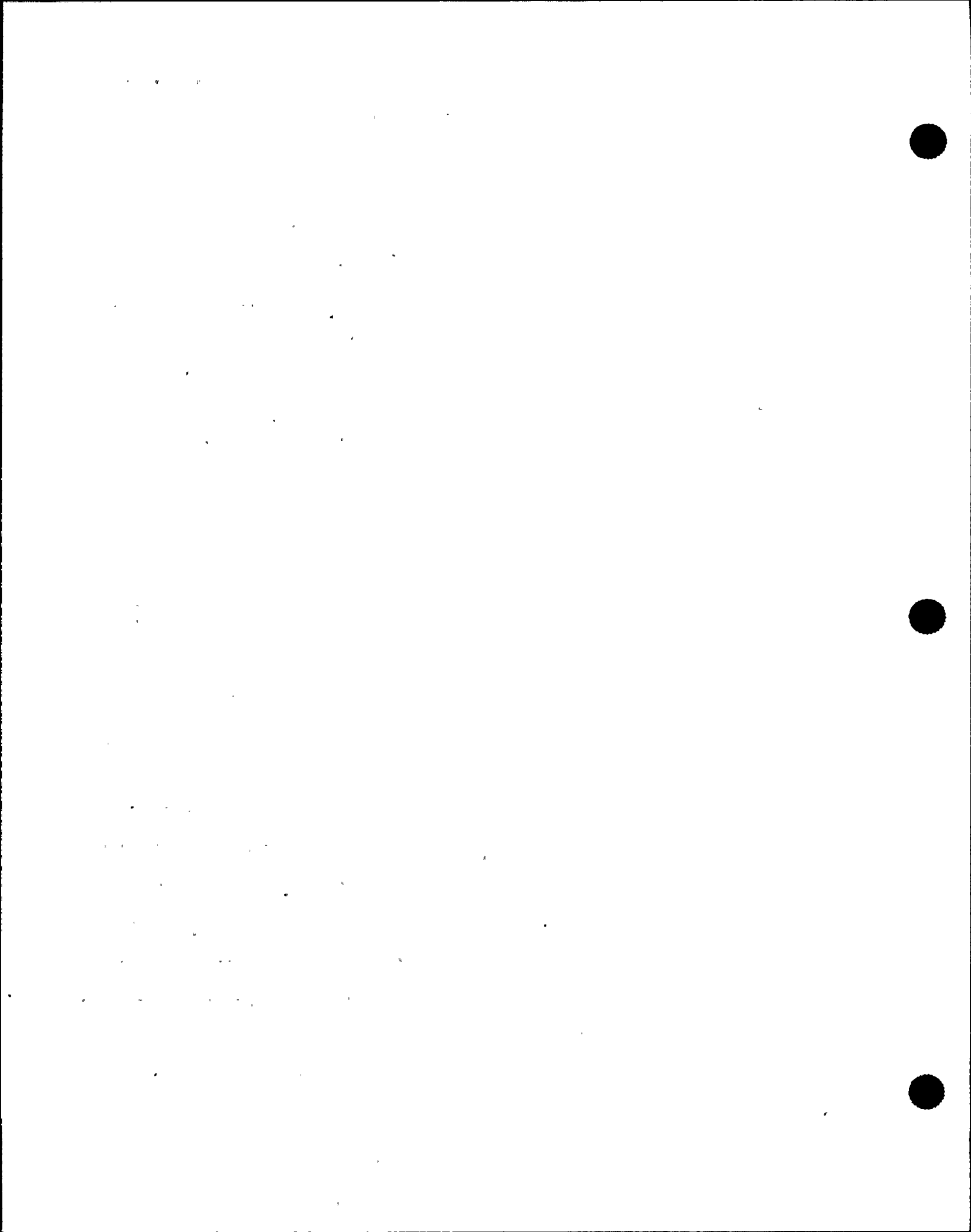
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
27) 1" GLOBE VALVE	YARWAY	A8527	N/A	1RV-PP-21183B	1979	REPLACEMENT	YES
28) 1" GLOBE VALVE	YARWAY	5483	N/A	1RV-PP-21185B	1976	REPLACED	YES
29) 1" GLOBE VALVE	YARWAY	B0528	N/A	1RV-PP-21185B	1979	REPLACEMENT	YES
30) 1" GLOBE VALVE	YARWAY	5521	N/A	1RV-PP-21185C	1976	REPLACED	YES
31) 1" GLOBE VALVE	YAWAY	B0648	N/A	1RV-PP-21185C	1979	REPLACEMENT	YES
32) 1" GLOBE VALVE	YARWAY	5387	N/A	1RV-PP-21183C	1976	REPLACED	YES
33) 1" GLOBE VALVE	YARWAY	B0552	N/A	1RV-PP-21183C	1979	REPLACEMENT	YES
34) 1" GLOBE VALVE	YARWAY	5555	N/A	1RV-PP-21185D	1976	REPLACED	YES
35) 1" GLOBE VALVE	YARWAY	B0497	N/A	1RV-PP-21185D	1979	REPLACEMENT	YES
36) 1" GLOBE VALVE	YARWAY	5433	N/A	1RV-PP-21183D	1976	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 Pennsylvania Power & Light Co. Date 11/10/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 5 of 10
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheet 8
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 249A - RHR Ssystem Pool Spray, Pumps and Auxiliary
5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD. *See Page 10 (Testing) for Sec XI Code Case Usage
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)
37) 1" GLOBE VALVE	YARWAY	A8546	N/A	1RV-PP-21183D	1979	REPLACEMENT	YES
38) STEM AND DISC ASSY	YARWAY	VALVE S/N B0566	N/A	1RV-PP-21183A	1979	REPLACED	NO
39) STEM AND DISC ASSY	YARWAY	FROM 7865	N/A	1RV-PP-21183A	1977	REPLACEMENT	NO
40) STEM AND DISC ASSY	YARWAY	VALVE S/N A1140	N/A	2RV-FP-21185A	1977	REPLACED	NO
41) STEM AND DISC ASSY	YARWAY	D-18-A-13	N/A	2RV-FP-21185A	1988	REPLACEMENT	YES
42) STEM AND DISC ASSY	YARWAY	VALVE S/N B6470	N/A	1RV-FP-21185A	1982	REPLACED	NO
43) STEM AND DISC ASSY	YARWAY	D18-A-7	N/A	1RV-FP-21185A	1988	REPLACEMENT	YES
44) BACKSEAT BUSHING	YARWAY	VALVE S/N B6470	N/A	1RV-FP-21185A	1982	REPLACED	NO
45) BACKSEAT BUSHING	YARWAY	3014-F	N/A	1RV-FP-21185A	1980	REPLACEMENT	YES
46) SMALL PIPE ASSY	BECHTEL	SP-HBC-239-1	N/A	SP-HBC-239-1	1983	REPLACED	YES



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

<p>1. Owner <u> Pennsylvania Power & Light Co. </u> <small>Name</small></p> <p><u> Two North Ninth St., Allentown, PA 18101 </u> <small>Address</small></p>	<p>Date <u> 11/10/95 </u></p> <p>Sheet <u> 6 </u> of <u> 10 </u></p>
<p>2. Plant <u> Susquehanna Steam Electric Station </u> <small>Name</small></p> <p><u> PO Box 467, Berwick, PA 18603 </u> <small>Address</small></p>	<p>Unit <u> 2: </u></p> <p><u> See Sheet 8 </u> <small>Repair Organization P.O. No., Job No., etc.</small></p>
<p>3. Work Performed by <u> Pennsylvania Power & Light Co. </u> <small>Name</small></p> <p><u> Two North Ninth St., Allentown, PA 18101 </u> <small>Address</small></p>	<p>Type Code Symbol <u> None </u></p> <p>Authorization <u> N/A </u></p> <p>Expiration Date <u> N/A </u></p>
<p>4. Identification of System <u> 249A - RHR Sysytem Pool Spray, Pumps and Auxiliary </u></p>	
<p>5. (a) Applicable Construction <u> See Sheet 9 </u> 19 <u> </u> Edition, <u> </u> Addenda, <u> </u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: <u> '89 NO ADD. </u> *See Page 10 (Testing) for Sec XI Code Case Usage</p>	
<p>6. Identification of Components Repaired or Replaced and Replacement Components</p>	

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)
47) SMALL PIPE ASSY	PP&L	SP-HBC-239-1	N/A	SP-HBC-239-1	1995	REPLACEMENT	NO
48) SMALL PIPE ASSY	BECHTEL	SP-HBC-240-1	N/A	SP-HBC-240-1	1983	REPLACED	YES
49) SMALL PIPE ASSY	PP&L	SP-HBC-240-1	N/A	SP-HBC-240-1	1995	REPLACEMENT	NO
50) SMALL PIPE ASSY	BECHTEL	SP-HBC-239-2	N/A	SP-HBC-239-2	1983	REPLACED	YES
51) SMALL PIPE ASSY	PP&L	SP-HBC-239-2	N/A	SP-HBC-239-2	1995	REPLACEMENT	NO
52) SMALL PIPE ASSY	BECHTEL	SP-HBC-240-2	N/A	SP-HBC-240-2	1983	REPLACED	YES
53) SMALL PIPE ASSY	PP&L	SP-HBC-240-2	N/A	SP-HBC-240-2	1995	REPLACEMENT	NO
54) SMALL PIPE ASSY	BECHTEL	SP-HBC-239-3	N/A	SP-HBC-239-3	1983	REPLACED	YES
55) SMALL PIPE ASSY	PP&L	SP-HBC-239-3	N/A	SP-HBC-239-3	1995	REPLACEMENT	NO
56) SMALL PIPE ASSY	BECHTEL	SP-HBC-240-3	N/A	SP-HBC-240-3	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 Pennsylvania Power & Light Co. Date 11/10/95
Name

Two North Ninth St., Allentown, PA 18101 Sheet 7 of 10
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name

PO Box 467, Berwick, PA 18603 See Sheet 8
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name

Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address

Expiration Date N/A

4. Identification of System 249A - RHR Sysytem Pool Spray, Pumps and Auxiliary

5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements :89 NO ADD. *See Page 10 (Testing) for Sec XI Code Case Usage

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

57) SMALL PIPE ASSY	PP&L	SP-HBC-240-3	N/A	SP-HBC-240-3	1995	REPLACEMENT	NO
58) SMALL PIPE ASSY	BECHTEL	SP-HBC-239-4	N/A	SP-HBC-239-4	1983	REPLACED	YES
59) SMALL PIPE ASSY	PP&L	SP-HBC-239-4	N/A	SP-HBC-239-4	1995	REPLACEMENT	NO
60) SMALL PIPE ASSY	BECHTEL	SP-HBC-240-4	N/A	SP-HBC-240-4	1983	REPLACED	YES
61) SMALL PIPE ASSY	PP&L	SP-HBC-240-4	N/A	SP-HBC-240-4	1995	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 Pennsylvania Power & Light Co. Date 11/10/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 8 of 10
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name See Sheet 8
PO Box 467, Berwick, PA 18603 Repair Organization P.O. No., Job No., etc.
Address

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 249A - RHR Sysytem Pool Spray, Pumps and Auxiliary

5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD. *See Page 10 (Testing) for Sec XI Code Case Usage

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1,2	V53177	95-249-006
3,4	V53176	95-249-008
5	V53178	95-249-010
6-9, 22-25,54,55,56,57	V53175	95-249-003
10-13, 26-29,46,47,48,49	V53176	95-249-007
14-17, 30-33,50,51,52,53	V53177	95-249-005
18-21, 34-37,58,59,60,61	V53178	95-249-009
38-45	V53175	95-249-011

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

1. Owner <u> Pennsylvania Power & Light Co. </u> <small style="margin-left: 100px;">Name</small> <u> Two North Ninth St., Allentown, PA 18101 </u> <small style="margin-left: 100px;">Address</small>	Date <u> 11/10/95 </u> Sheet <u> 9 </u> of <u> 10 </u>
2. Plant <u> Susquehanna Steam Electric Station </u> <small style="margin-left: 100px;">Name</small> <u> PO Box 467, Berwick, PA 18603 </u> <small style="margin-left: 100px;">Address</small>	Unit <u> 2: </u> <u> See Sheet 8 </u> <small style="margin-left: 100px;">Repair Organization P.O. No., Job No., etc.</small>
3. Work Performed by <u> Pennsylvania Power & Light Co. </u> <small style="margin-left: 100px;">Name</small> <u> Two North Ninth St., Allentown, PA 18101 </u> <small style="margin-left: 100px;">Address</small>	Type Code Symbol <u> None </u> Authorization <u> N/A </u> Expiration Date <u> N/A </u>
4. Identification of System <u> 249A - RHR Sysytem Pool Spray, Pumps and Auxiliary </u>	
5. (a) Applicable Construction <u> See Sheet 9 </u> 19 <u> </u> Edition, <u> </u> Addenda, <u> </u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u> '89 NO ADD. </u> *See Page 10 (Testing) for Sec XI Code Case Usage	
6. Identification of Components Repaired or Replaced and Replacement Components	

Item (s)	Applicable Construction Code
1-5,46-61	ASME SEC III; CLASS 3; 1971 EDITION; WINTER 1972 ADDENDA
6,7,8,9,10,11,12,13,14,15, 16,17,18,19,20,21,22,24, 26,28,30,32,34,36,40,41, 42,43,44,45	ASME SEC III; CLASS 2; 1974 EDITION; WINTER 1974 ADDENDA
23,25,27,29,31,33,35,37, 38,39	ASME SEC III; CLASS 1 1974 EDITION; WINTER 1974 ADDENDA

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

1. Owner Pennsylvania Power & Light Co. Date 11/16/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 10 of 10
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Sheet 8
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 249A - RHR Sysytem Pool Spray, Pumps and Auxiliary

5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD. *See Page 10 (Testing) for Sec XI Code Case Usage

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1-5	REMOVAL/REWELD OF SPD-CLIPS TO ALLOW FOR PIPING REPLACEMENT
38-45	REPLACEMENT VALVES WERE IN NEED OF REWORK BEFORE BEING PLACED IN PLANT
6-37,46-61	REPLACEMENT OF RHR/ESW INLET/OUTLET PIPING
Item (s)	Description of Tests
1-5	NO CODE TESTING REQUIRED
38-45	VT-2 PER SE-254-301; SYSTEM PRESSURE 125 psig
6-9, 18-25, 34-37, 54-61	VT-2 PER SE-254-301 CODE CASE N-416-1; SYSTEM PRESSURE 125 psig
10-17, 26-33, 46-53	VT-2 PER SE-254-301 CODE CASE N-416-1; SYSTEM PRESSURE 114 psig

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

(29)

RECORD COPY

As Required by the Provisions of the ASME Code Rules

P.O.# 20237

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 52561
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 8856-P-15-A
(Name and Address)

3. Owner PENNSYLVANIA POWER & LIGHT COMPANY

4. Location of Plant 5 MILES N. E. OF BERWICK, PA. ON ROUTE 11 NORTH

5. Pump or Valve Identification NUCLEAR SERVICE LINE VALVES SIZE - 1/2"
SERIAL NUMBER (S) B6469 THRU B6479
(Brief description of service for which equipment was designed)

(a) Drawing No. 045111 Prepared by YARWAY CORPORATION

(b) National Board No. NONE

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

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

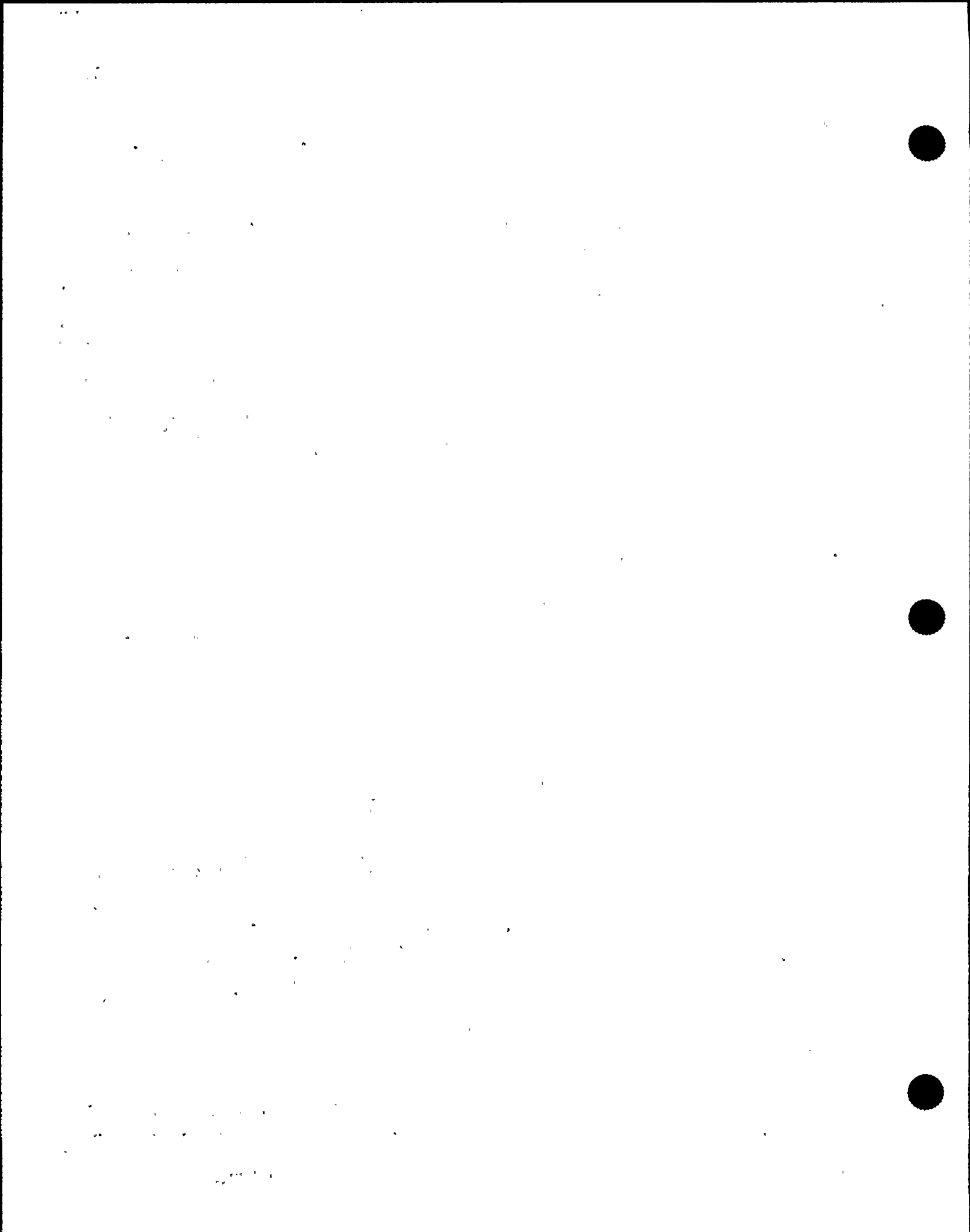
Edition 1974, Addenda Date WINTER 1974, Case No. _____

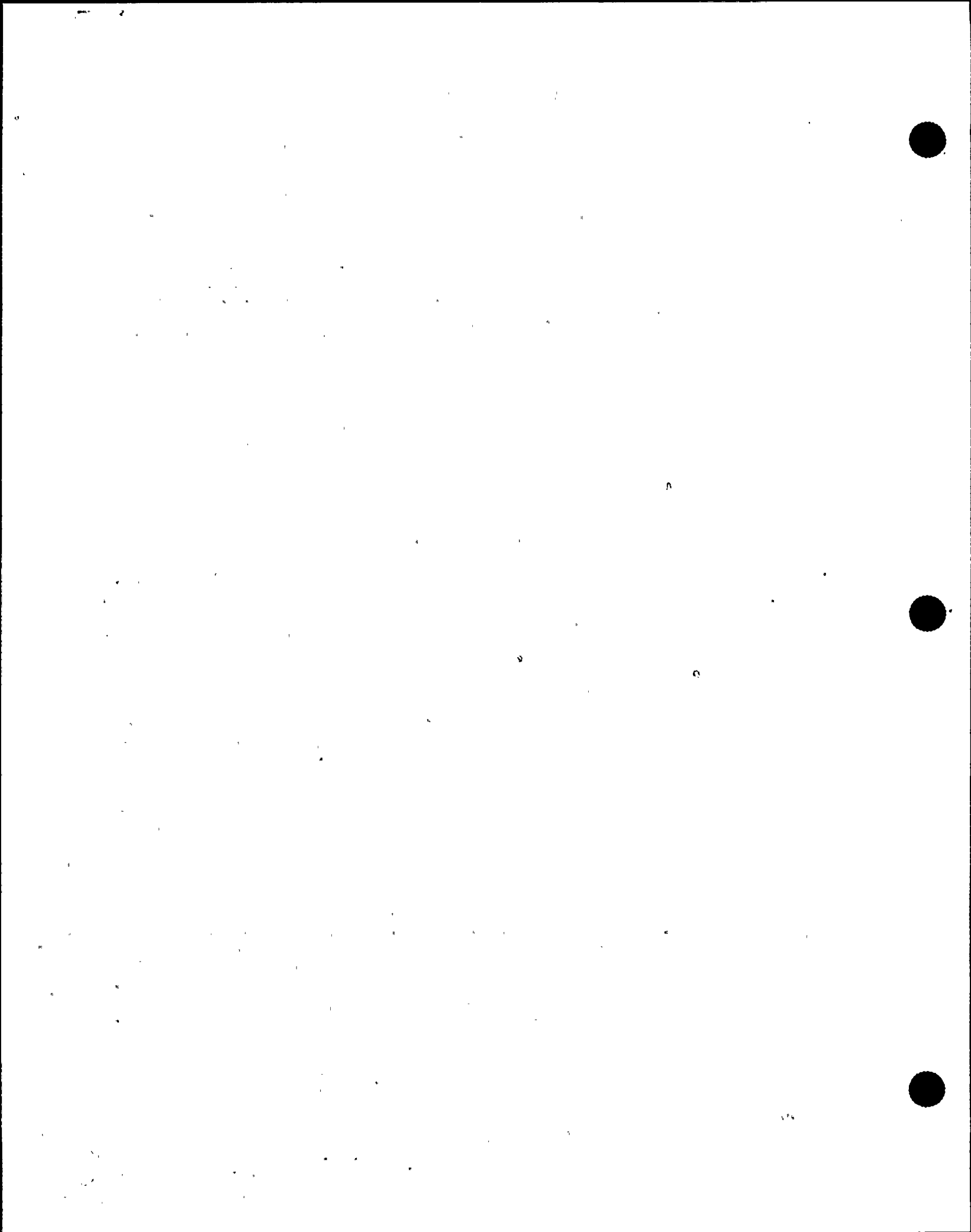
Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	D4	AMS 5385 NOVA/HOWMET CORPORATION	DISC
(b) Forgings	L5	SA105 CAPE ANN TOOL COMPANY	RODY
	7029	SA182 F6A ATLAS STEELS	BACKSEAT BUSHING
		2567	66791

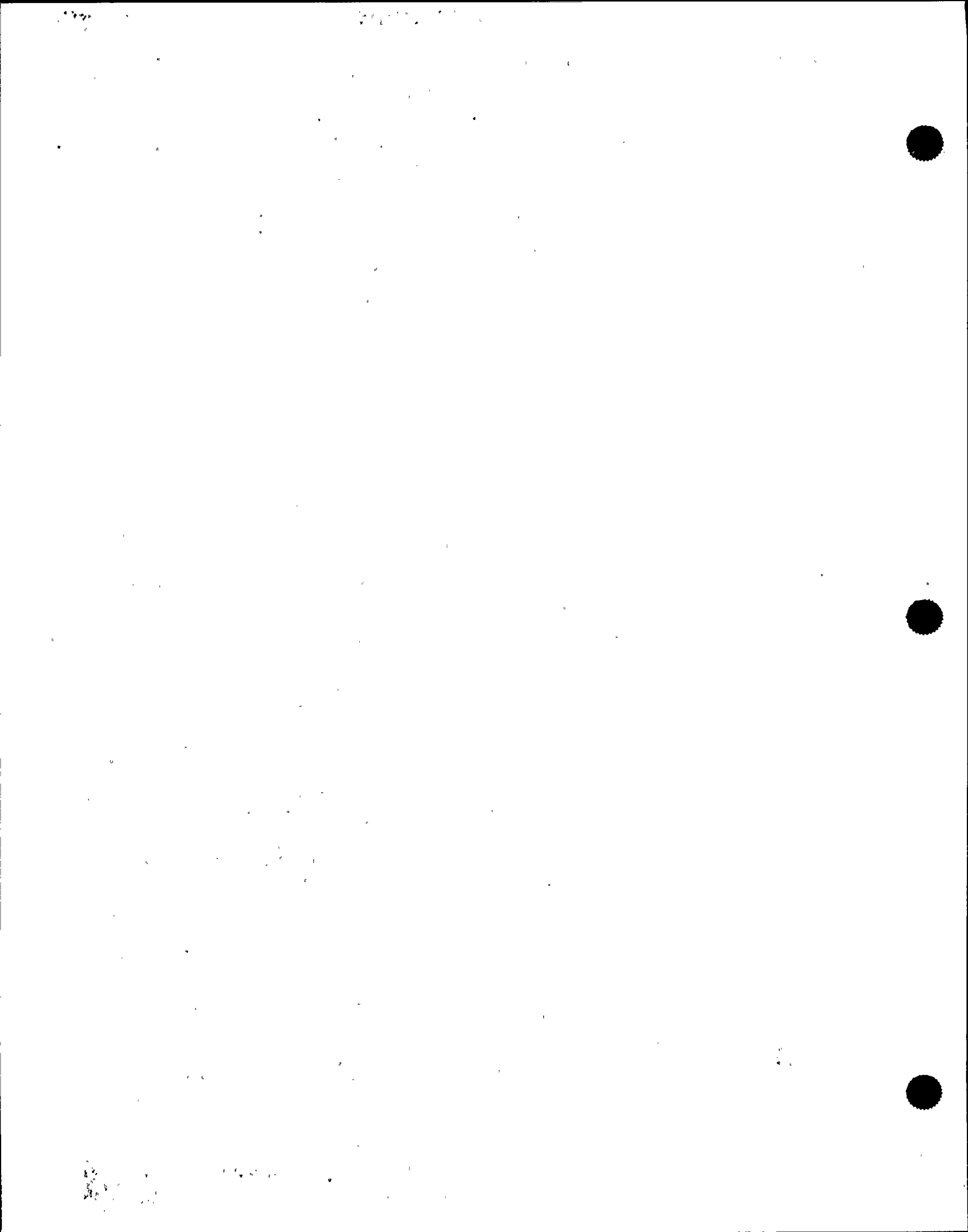
BECHTEL
596

(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, 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 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

IRV-FP-21185B

RECORD COPY

governed by the Provisions of the ASME Code Rules

P.O.# 2

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 5256
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 8856-P-15-A
(Name and Address)

3. Owner PENNSYLVANIA POWER & LIGHT COMPANY

4. Location of Plant 5 MILES N. E. OF BERWICK, PA. ON ROUTE 11 NORTH

5. Pump or Valve Identification NUCLEAR SERVICE LINE VALVES SIZE - 1/2"
 SERIAL NUMBER (S) B6454 THRU B6468
(Brief description of service for which equipment was designed)

(a) Drawing No. 045111 Prepared by YARWAY CORPORATION

(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

8. Edition 1974, Addenda Date WINTER 1974, Case No. _____

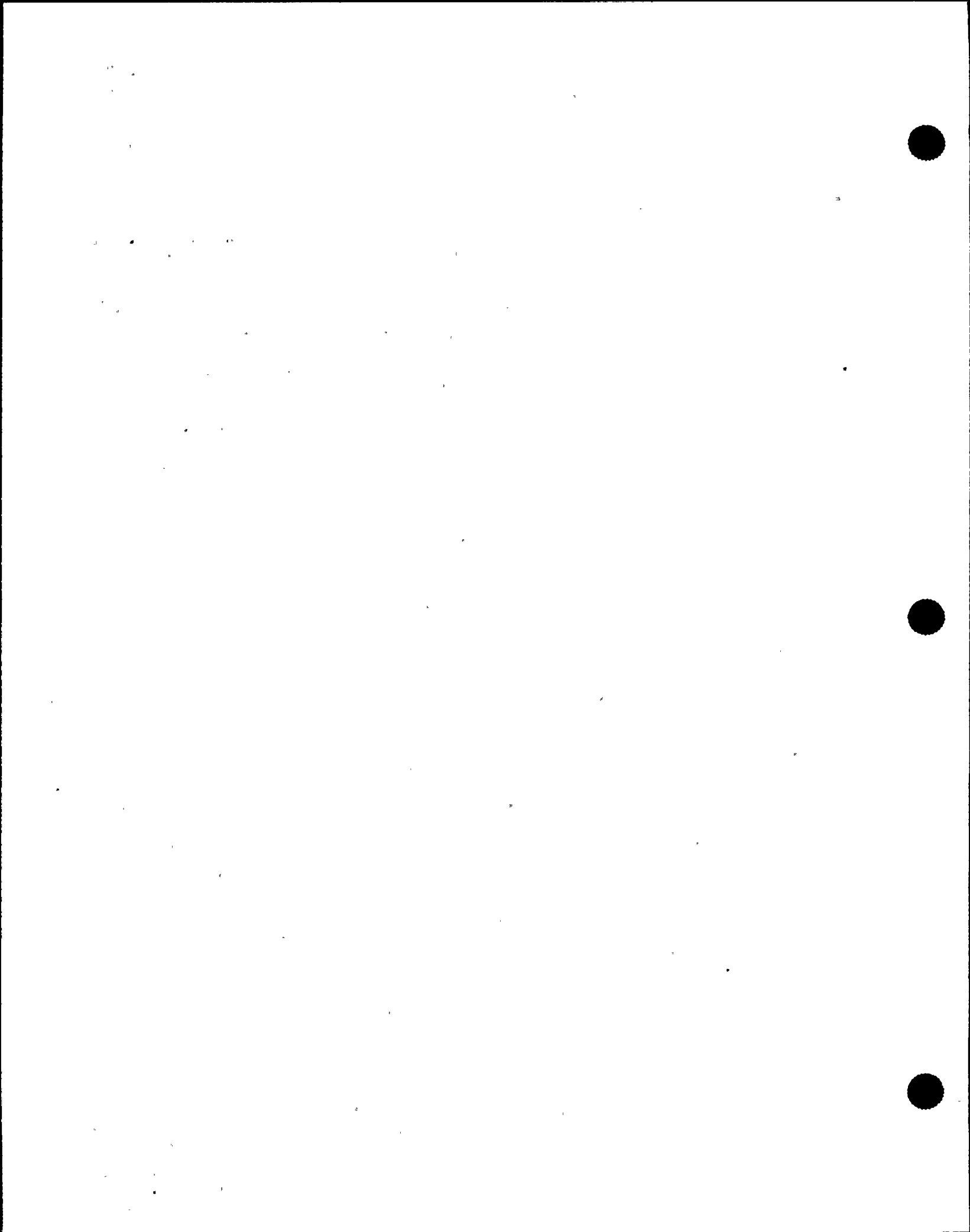
	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	<u>DS</u>	<u>AMS 5385</u>	<u>NOVA/HOWMET CORPORATION</u>	<u>DISC</u>
(b) Forgings	<u>LS</u>	<u>SA105</u>	<u>CAPE ANN TOOL COMPANY</u>	<u>BODY</u>
	<u>7029</u>	<u>SA182 F6A</u>	<u>ATLAS STEELS</u>	<u>BACKSEAT BUSHING</u>
			208	3433
			<u>2567</u>	<u>00811</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, 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.

ITEM 8.2 WITH 61420
 THE 1/2" CLASS DISC

BECHTEL
 596



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

(22)

As Required by the Provisions of the ASME Code Rules

RECORD COPY

P.O.# 20237

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 52561
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 8856-P-15-A
(Name and Address)

3. Owner PENNSYLVANIA POWER & LIGHT COMPANY

4. Location of Plant 5 MILES N. E. OF BERWICK, PA. ON ROUTE 11 NORTH

5. Pump or Valve Identification NUCLEAR SERVICE LINE VALVES SIZE - 1/2"
 SERIAL NUMBER (S) B6480 THRU B6483
(Brief description of service for which equipment was designed)

(a) Drawing No. 045111 Prepared by YARWAY CORPORATION

(b) National Board No. NONE

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

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	D3	AMS 5385	NOVA/HOWMET CORPORATION	DISC
(b) Forgings	L5	SA105	CAPE ANN TOOL COMPANY	BODY
	7029	SA182 F6A	ATLAS STEELS	BACKSEAT BUSHING
			2567	00798 BECHTEL
				596

(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, 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.
 3-75
 This form (E00037, may be obtained from the Order Dept., ASME, 345 E. 47 St., New York, N.Y. 10017.



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

(29)

RECORD COPY

Required by the Provisions of the ASME Code Rules

P.O.# 20237

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 52561
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 8856-P-15-A
(Name and Address)

3. Owner PENNSYLVANIA POWER & LIGHT COMPANY

4. Location of Plant 5 MILES N. E. OF BERWICK, PA. ON ROUTE 11 NORTH

5. Pump or Valve Identification NUCLEAR SERVICE LINE VALVES SIZE - 1/2"
 SERIAL NUMBER (S) B6469 THRU B6479
(Brief description of service for which equipment was designed)

(a) Drawing No. 045111 Prepared by YARWAY CORPORATION

(b) National Board No. NONE

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

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	D4	NOVA/HOWMET CORPORATION	DISC
(b) Forgings	L5	CAPE ANN TOOL COMPANY	BODY
	7029	ATLAS STEELS	BACKSEAT BUSHING
		2567	66791

BECHTEL 596

(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, 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.

- ITEM 1. -YARWAY CORPORATION, BLUE BELL, PA. 19422/ORDER NO. 59022
- ITEM 2 -BECHTEL POWER CORPORATION/ORDER NO. 8856-P-15-A

Yarway

I authorize the below listed Sales Drawing revision changes on NPV-1 forms for the following valves:

# NPV-1 Forms	Valve Serial Numbers	Revision Change
1	4865 - 4889	Rev. C to B
1	5696 - 5720	Rev. C to B
1	5770 - 5780	Rev. C to B
31	5821 - 6593	Rev. C to B
1	8145	Rev. B to D
1	8400 - 8401	Rev. B to D
2	8431 - 8456	Rev. B to D
3	9910 - 9965	Rev. B to D
1	A0035 - A0037	Add Rev. C
1	A0038 - A0051	Rev. B to C
1	A0081 - A0083	Rev. B to D
2	A0085 - A0116	Add Rev. D
3	A0118 - A0144	Rev. B to D
1	A0250	Add Rev. D
11	A0251 - A0525	Rev. B to D
3	A0526 - A0577	Add Rev. D
19	A0607 - A1065	Add Rev. D
2	A1066 - A1082	Add Rev. C
3	A1086 - A1141	Add Rev. D
1	A1142 - A1143	Add Rev. C
4	A1235 - A1334	Add Rev. D

The above revision changes do not involve pressure boundry parts.

- ITEM 5 -NUCLEAR SERVICE LINE VALVES, 2 " & SMALLER
SERIAL NUMBER(S) 9960 thru 9965
- ITEM 5A -DRAWING NO. 045111 B.D
PREPARED BY YARWAY CORPORATION
- ITEM 5B -NATIONAL BOARD NO. N/A

Richard A. Edl
 R. G. Edl
 Authorized Nuclear
 Inspector Supervisor
 FACTORY MUTUAL ENGINEERING

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 (I) Prof. Eng. State PA Reg. No. 19870
 Stress analysis report certified by Not Required (I) Prof. Eng. State _____ Reg. No. _____
 (I) Signature not required. List name only.

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

Date September 27, 1977 Signed Yarway Corp. By W. A. Volger
(Manufacturer)
 Certificate of Authorization No. N899 expires October 28, 1977
W. A. Volger

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 Pennsylvania and employed by Philadelphia Manufacturers Mutual Insurance Co. of Philadelphia, Pa. have inspected the equipment described in this Data Report on September 27, 1977, 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 September 27, 1977

David L. Dauly Commissions NB 7525 PA 2159
(Inspector) (National Board, State, Province and No.)
 David L. Dauly

032357 / 0237

ITEM 1 -YARWAY CORPORATION, BLUE BELL, PA. 19422/ORDER NO. 59052

YARWAY

ITEM 2 -BESHTEL POWER CORPORATION/ORDER NO. 8856-P-15-A

I authorize the below listed Sales Drawing revision changes on NPV-1 forms for the following valves:

<u># NPV-1 Forms</u>	<u>Valve Serial Numbers</u>	<u>Revision Change</u>
1	4865 - 4889	Rev. C to B
1	5696 - 5720	Rev. C to B
1	5770 - 5780	Rev. C to B
31	5821 - 6593	Rev. C to B
1	8145	Rev. B to D
1	8400 - 8401	Rev. B to D
2	8431 - 8456	Rev. B to D
3	9910 - 9965	Rev. B to D
1	A0035 - A0037	Add Rev. C
1	A0038 - A0051	Rev. B to C
1	A0081 - A0083	Rev. B to D
2	A0085 - A0116	Add Rev. D
3	A0118 - A0144	Rev. B to D
1	A0250	Add Rev. D
11	A0251 - A0525	Rev. B to D
3	A0526 - A0577	Add Rev. D
19	A0607 - A1065	Add Rev. D
2	A1066 - A1082	Add Rev. C
3	A1086 - A1141	Add Rev. D
1	A1142 - A1143	Add Rev. C
4	A1235 - A1334	Add Rev. D

The above revision changes do not involve pressure boundary parts.

ITEM 5 -NUCLEAR SERVICE LINE VALVES,
2 " & SMALLER

SERIAL NUMBER(S) A1086 thru A1110

ITEM 5A -DRAWING NO. 04511 Rev.D
PREPARED BY YARWAY CORPORATION

ITEM 5B -NATIONAL BOARD NO. N/A

Richard A. Edl

R. G. Edl
Authorized Nuclear
Inspector Supervisor
FACTORY MUTUAL ENGINEERING

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

249A
IRV-PP-21185A

As Required by the Provisions of the ASME Code Rules

P. O. # 48023

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA, 19422 Order No. 41211
(Name & Address of Manufacturer)
2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
(Name and Address)
3. Owner MISSISSIPPI POWER AND LIGHT COMPANY
4. Location of Plant PORT GIBSON, MISSISSIPPI
5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1" -
SERIAL NUMBER(S) B1763 THRU B1767 -
(Brief description of service for which equipment was designed)

- (a) Drawing No. 103271-04 Prepared by YARWAY CORPORATION
- (b) National Board No. _____
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 1
Edition 1974 Addenda Date WINTER 1974 Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	<u>C8 -</u>	<u>AMS 5385</u>	<u>NOVA/HOWMET CORPORATION</u>	<u>DISC</u>
	<u>C10 -</u>	<u>AMS 5385</u>	<u>NOVA/HOWMET CORPORATION</u>	<u>DISC</u>
(b) Forgings	<u>B5 -</u>	<u>SA105</u>	<u>CAPE ANN TOOL COMPANY</u>	<u>BODY</u>
	<u>S830 -</u>	<u>SA182 Gr. F6a</u>	<u>AL TECH STEEL CORPORATION</u>	<u>BACKSEAT BUSHING</u>

NO. 41-078
RECORD PACKAGE
PAGE 2 OF 2

(1) For manually operated valves only.

Supplemental sheets in form of lists, sketches or drawings may be used provided (1) also 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.

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

18V-PP-21183A 245A As Required by the Provisions of the ASME Code Rules

P. O. # 46556

R

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 60531
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"

SERIAL NUMBER(S) B0546 THRU B0570

(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

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 1

Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	NOVA/HOWMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOWMET CORPORATION	DISC
(b) Forgings	B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr. F6a	CYCLOPS CORP.	BACKSEAT BUSHING

(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, 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.

91-0783
 26 78

	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 CORPORATION, GAITHERSBURG, MARYLAND
 Stress analysis report on file at BECHTEL POWER CORPORATION, GAITHERSBURG, MARYLAND
 Design specifications certified by THOMAS W. HABERMAS (I) Prof. Eng. State MTSS Reg. No. 6064
 Stress analysis report certified by HAROLD T. GREGG (I) Prof. Eng. State PA Reg. No. 9055E
 (I) Signature not required. List name only.

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

Date 12/26 1979 Signed YARWAY CORPORATION By W. A. VOLGER
(Manufacturer)

Certificate of Authorization No. N 1891 expires OCTOBER 21, 1980

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 PENNSYLVANIA and employed by PHILADELPHIA MANUFACTURERS MUTUAL INSURANCE CO. of PHILADELPHIA, PA * have inspected the equipment described in this Data Report on 19 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.

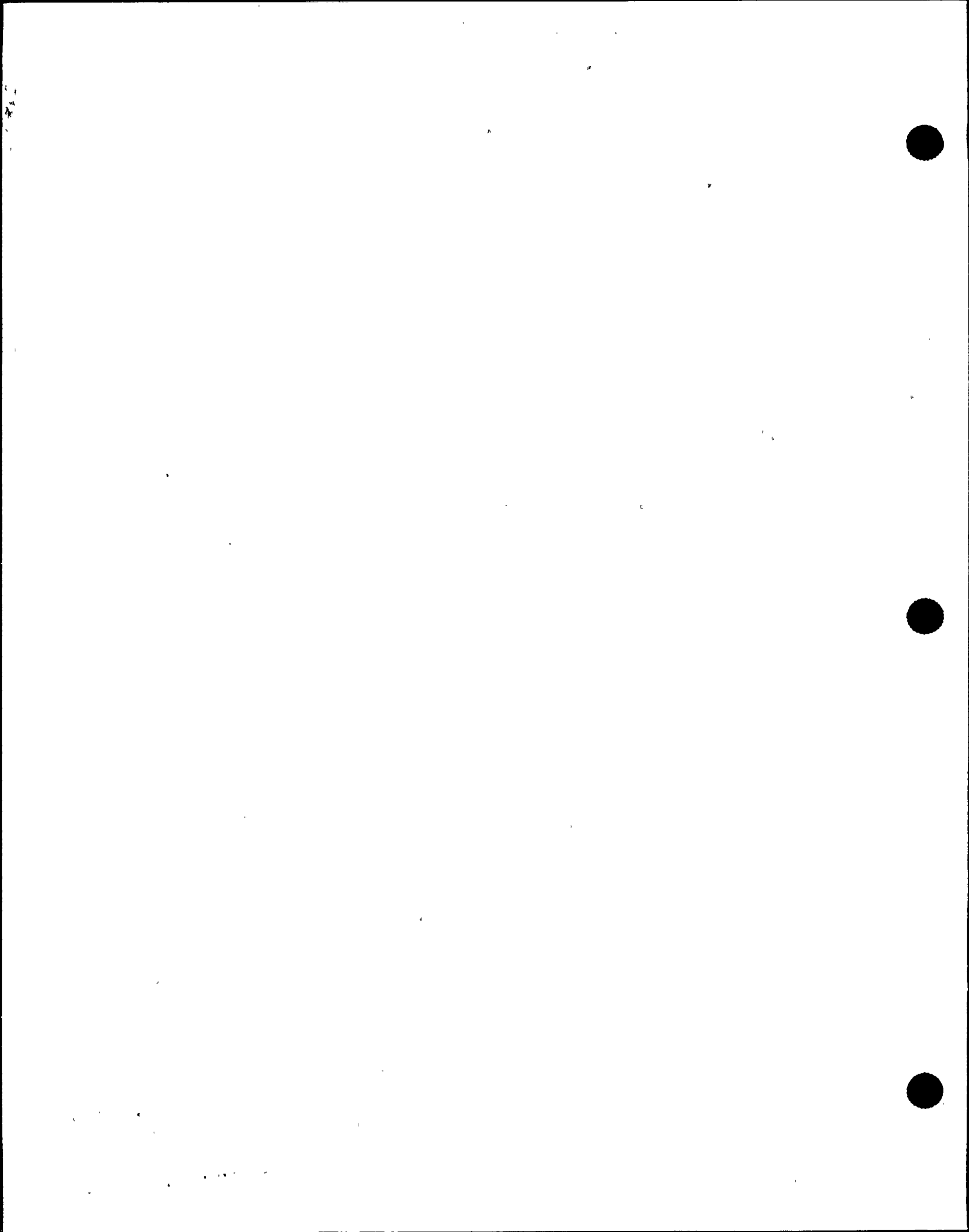
Date 12/26 1979

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

*PART OF THE FACTORY MUTUAL SYSTEM

910483
 27-78





(3)			
(4)	Other Parts	NONE	

2. Hydrostatic test 5400 psi.

CERTIFICATION OF DESIGN

Design information on file at BECHTEL POWER CORPORATION GAITHERSBURG MARYLAND
 Stress analysis report on file at BECHTEL POWER CORPORATION GAITHERSBURG MARYLAND
 Design specifications certified by THOMAS N. HABERMAS (1) Prof. Eng. State MTSS Reg. No. 6854
 Stress analysis report certified by HAROLD T. GEEGG (1) Prof. Eng. State PA Reg. No. 9352
 (1) Signature not required. List name only.

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

Date 8/2/79 1979 Signed YARKAY CORPORATION by [Signature]
(Manufacturer) H. A. VOYGER
 Certificate of Authorization No. N 1891 expires OCTOBER 21, 1980

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 MUTUAL INSURANCE CO. OF PHILADELPHIA, PA have inspected the equipment described in this Report on 8/2 1979 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 8/2 1979

[Signature] Commission APR 344
(Inspector) (National Board, State, Province and City)

*PART OF THE FACTORY MUTUAL SYSTEM

No. 91-0134
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 PAGE 3 OF 3

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1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 60531
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251,0
(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"

SERIAL NUMBER(S) B0521 THRU B0545
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

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 1

Edition 1974 Addenda Date WINTER 1974 Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
0035	(a) Castings C8	AMS 5385	NOVA/HOWMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOWMET CORPORATION	DISC
0035	(b) Forgings B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr. F6a	CYCLOPS CORP.	BACKSEAT BUSHING

91-0785
NOV 24 1978

(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, 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.



17V-PP-211 85C
249A

As Required by the Provisions of the ASME Code Rules

P. O. # 46556

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 60551
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Place PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"
SERIAL NUMBER(S) B0646 THRU B0670
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

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 1

Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	NOVA/HOWMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOWMET CORPORATION	DISC
(b) Forgings	B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1765	SA182 Gr. F6a	CYCLOPS CORP.	BACKSEAT BUSHING

(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, 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.

As Required by the Provisions of the ASME Code Rules

P. O. # 46556

Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 60531
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251,0
(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE 1"

SERIAL NUMBER(S) B0546 THRU B0570

(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

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 1

Section 1974 Addenda Date WINTER 1974 Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	NOVA/HOWMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOWMET CORPORATION	DISC
(b) Forgings	B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr. F6a	CYCLOPS CORP.	BACKSEAT BUSHING

(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, 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 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

IRV-PP-21185D

As Required by the Provisions of the ASME Code Rules

P. O. # 46556

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 60531
(Name & Address of Manufacturer)
2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
(Name and Address)
3. Owner MISSISSIPPI POWER AND LIGHT COMPANY
4. Location of Plant PORT GIBSON, MISSISSIPPI
5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"
SERIAL NUMBER(S) B0496 THRU B0520
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

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 1

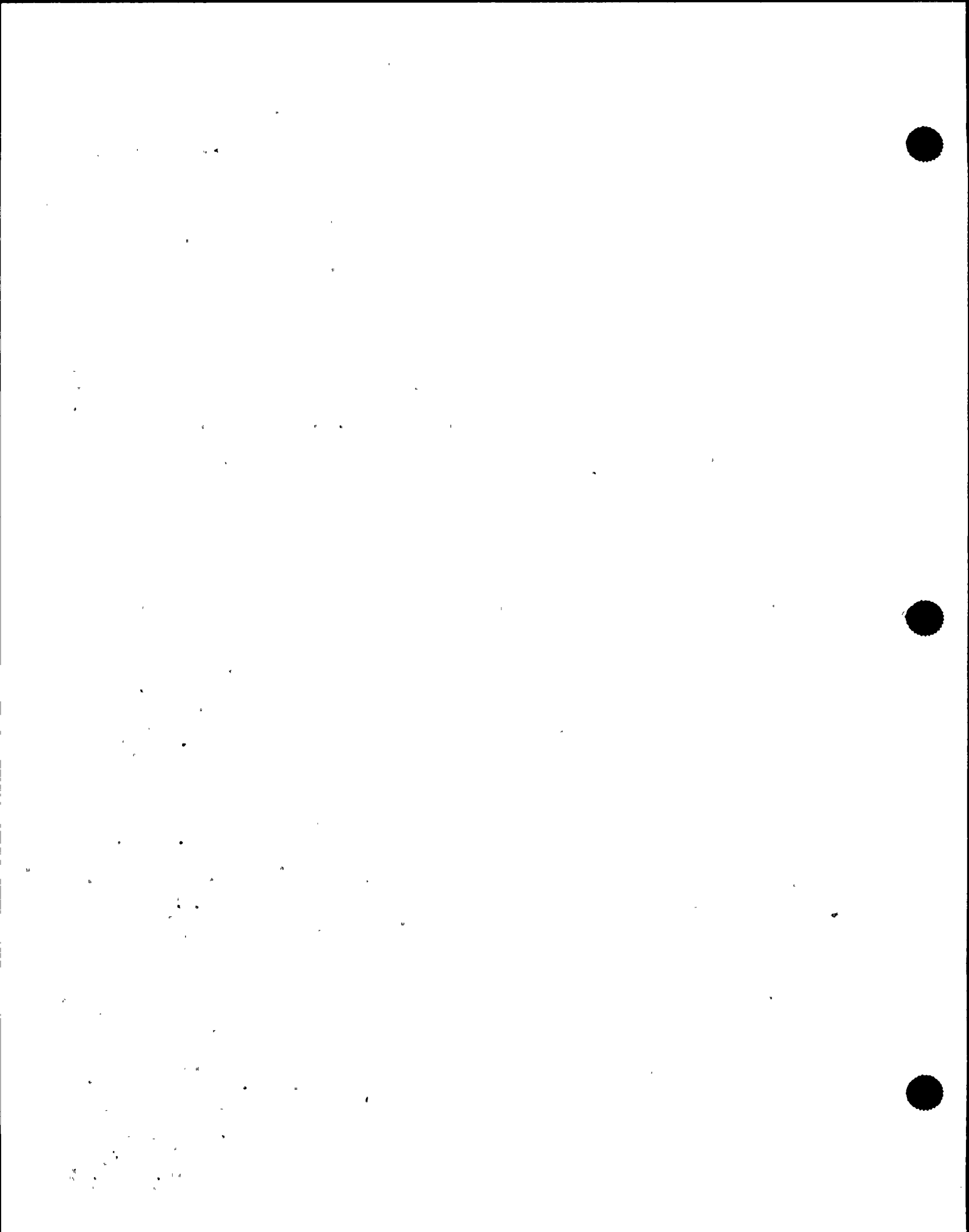
0864 Edition 1974 Addenda Date WINTER 1974 Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
0035	(a) Castings C8	AMS 5385	NOVA/HOWMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOWMET CORPORATION	DISC
(b) Forgings	B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr. F6a	CYCLOPS CORP.	BACKSEAT BUSHING

REC'D 91-0783
PAGE 2 OF 78

(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, 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.



100



1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 41183
(Name and Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 8044-M-351.0
(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"

SERIAL NUMBER(S) A8544 THRU A8546
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-04 Prepared by YARWAY CORPORATION

(b) National Board No. ---

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 1

Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	NOVA/HORNET CORP.	DISC
(b) Forgings	Y8	SA105	CAPE ANN TOOL CO.	RODY
	1683	SA182 Gr. E6	CYCLOPS CORP.	BACKSEAT BUSHING

No. 103271-04
 REV. 1
 DATE 1974

(1) For manually operated valves only.
 *Supplemental sheets in form of lists, abstracts or drawings may be used provided (1) size is 8 1/2" x 11", (2) information is on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of sheet.
 375 This form (IRV-PP) may be obtained from the Chief Dept., ASME, 345 E. 47 St., New York, N.Y. 10017.

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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 Corporation, Blue Bell, PA Order No. 60511
(Name & Address of Manufacturer)

2. Manufactured for Bachtel Power Corporation Order No. 9645-M-251.0
(Name and Address)

3. Owner Mississippi Power and Light Company

4. Location of Plant Port Gibson, Mississippi

5. Pump or Valve Identification Nuclear Service Valves - Serial Numbers
7860 Thru 7866
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-04 Prepared by Yarway Corporation

(b) National Board No. NONE

6. Design Conditions 2350 psi 700 °F of Pressure Class (1)
(Pressure) (Temperature)

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 1
 Edition 1974, Addenda Date Winter 1974, Case No. None

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	A8	AMS 5362	Nova/Hornumt	Disc
(b) Forgings	R6	SA 105	Case Ann Tool Co	Body
	YW 684	SA 193-B7	Republic Steel	Backseat Gushing

No. 91-0132
 RECORD 19
 PAGE 19 CF 91

(1) For manually operated valves only.

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) also is 8 1/2" x 11", (2) information in items 1, 2, 3a 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.

3/75 This form (C-2007) may be obtained from the Order Dept., ASME, 345 E. 47 St., New York, N.Y. 10017.

REGISTER: 1582 P.O. # 23388

- 1. (a) Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422
(Name and address of NPT Certificate Holder)
- (b) Manufactured for PENNSYLVANIA POWER & LIGHT CO., SUSQUEHANNA STEAM ELECTRIC STATION
(Name and address of N Certificate Holder for established sector category)
- 2. Manufacturer-Certificate holder's Serial No. of Part 3014-F Part Id. No. ----
- (a) Constructed According to Drawing No. 938537-96 Drawing Prepared by YARWAY CORPORATION
- (b) Description of Part Inspected BACKSEAT BUSHING 1/2" - 5515B QUANTITY 3
- (c) Applicable ASME Code Section III, Edition 1974, Addenda date WINTER 1974, Case No. ----- Class 2

3. Reason: RENEWAL PARTS FOR NUCLEAR MANUAL GLOBE VALVES
(Brief description of service for which component was designed)

MATERIAL	<u>SA182 GR. F6a CLASS 2</u>	<u>NO. 30-207</u>
DESIGN PRESSURE	<u>CLASS 1500 psi</u>	<u>RECORD PAGE</u>
HYDROSTATIC TEST PRESSURE	<u>3600 psi</u>	<u>PAGE 8</u>

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 Part 1. The NPT Certificate Holder for appurtenance 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.)

1980 Signed YARWAY CORPORATION W. A. VOLGER
(NPT Certificate Holder)
Certificate of Authorization Expires OCTOBER 21, 1980 Certificate of Authorization No. N-1992

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at BECHTEL POWER CORPORATION

Stress analysis report on file at NOT REQUIRED

Design specifications certified by JOHN R. SCHMIEDEL Prof. Eng. State PA. Reg. No. 19870E

Stress analysis report certified by NOT REQUIRED 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 PENNSYLVANIA and employed by PHILADELPHIA MANUFACTURERS MUTUAL INSURANCE CO. OF PHILADELPHIA, PA. have inspected the part of a pressure vessel described in this Periodic Data Report on F-14 19 80 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 Periodic 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 10/30/80

[Signature] Commission 1137120 2120
(Inspector's Signature) National Board, State, Province and No.

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

2. The second part is a list of dates and times.

3. The third part is a list of names and addresses.

4. The fourth part is a list of names and addresses.

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16. The sixteenth part is a list of names and addresses.

17. The seventeenth part is a list of names and addresses.

18. The eighteenth part is a list of names and addresses.

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

As required by the Provision of the ASME Code Rules, Section III, Div. 1

REGISTER NO. 14557

PRODUCTION ORDER NO. 42064

1. (a) Manufactured by YARWAY CORPORATION, BLUE BELL, PA 19422
(Name and address of NPT Certificate Holder)
- (b) Manufactured for PENNSYLVANIA POWER & LIGHT CO., SUSQUEHANNA STEAM ELECTRIC STATION
(Name and address of H Certificate Holder for completed nuclear component)
2. Identification-Certificate Holder's Serial No. of Part D18-A-1 THRU 14 Nat'l Bd. No. ---
 - (a) Constructed According to Drawing No. 966118-01 Drawing Prepared by YARWAY CORPORATION
 - (b) Description of Part Inspected STEM ASSEMBLIES 3/4" 5500 QTY. 14
 - (c) Applicable ASME Code: Section III, Edition 1974, Addenda date W74, Case No. -- Class 1
3. Remarks: RENEWAL PARTS FOR NUCLEAR GLOBE VALVE
(Brief description of service for which component was designed)
MATERIAL: DISC AMS 5385

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 6/13 19 88 Signed YARWAY CORPORATION By F. W. PESZKA
(NPT Certificate Holder)

Certificate of Authorization Expires NOVEMBER 14, 1989 Certificate of Authorization No. NPT2450

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at PENNSYLVANIA POWER & LIGHT CO.

Stress analysis report on file at PENNSYLVANIA POWER & LIGHT CO.

Design specifications certified by	} JOHN R. SCHMIEDEL	PENNA.	19370E
		RICHARD O. SCHLUETER	Prof. Eng. State PENNA. Reg. No. 26382E
		SIDNEY ARTHUR COPLAND	PENNA. Reg. No. 19877E
Stress analysis report certified by	GEORGE J. LOOS	Prof. Eng. State NJ	Reg. No. 23225

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 ARKWRIGHT MUTUAL INSURANCE of NORWOOD, MA* have inspected the part of a pressure vessel described in this Partial Data Report on 6/13 1988, 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 6/13 19 88 *FACTORY MUTUAL SYSTEM

M. S. Hewitt Commissions PA 2056 BWSIS
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 1-2 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".

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

1. Owner Pennsylvania Power & Light Co. Date 11/1/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 1
Address
 2. Plant Susquehanna Steam Electric Station Unit 2:
Name WA# V53655 522# 95-249-012
PO Box 467, Berwick, PA 18603 Repair Organization P.O. No., Job No., etc.
Address
 3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 249G - Residual Heat Removal
 5. (a) Applicable Construction ASME SEC III 19 74 Edition, W'74 Addenda, N-242 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) 1" SAFETY RELIEF VALVE	LONERGAN	510138-2-15-1	N/A	PSV-251F126	1983	REPAIRED	YES

7. Description of Work Machine / Lap valve seat due to failed pressure test

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure No Code Testing Required
 Other Pressure _____ psi Test Temp. _____ °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 N/A

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 Date N/A

Signed [Signature] Date Nov. 20, 19 95
Owner of Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9/27/95 to 10/13/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 PAW 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 22 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 11/1/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 5
Address
2. Plant Susquehanna Steam Electric Station Unit .2:
Name
PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization, P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 250B - RCIC Turbine & Auxillary (Steam Loops & Flow Control)
5. (a) Applicable Construction See Page 4 19 Edition, Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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 ASSY	YARWAY	88-191	N/A	249001	1983	REPLACED	NO
2) STEM/DISC ASSY	YARWAY	D14-K4	N/A	249001	1989	REPLACEMENT	YES
3) STEM/DISC ASSY	YARWAY	B8-035	N/A	249002	1983	REPLACED	NO
4) STEM/DISC ASSY	YARWAY	D14-K1	N/A	249002	1989	REPLACEMENT	YES
5) RUPTURE DISC	BS&B SAFETY SYSTEMS	HT# 886798	N/A	PSE2D001	1984	REPLACED	NO
6) RUPTURE DISC	BS&B SAFETY SYSTEMS	HT# 886798	N/A	PSE2D001	1984	REPLACEMENT	NO

7. Description of Work See Page 5
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Page 5
 Other Pressure psi Test Temp. °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 Data Sheet Attached for Replacement Items #2, 4, 10, & 12

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 Dec 5, 19 95

Owner of Owner's Designs. Type VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9/16/95 to 9/21/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7866 PAUC 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Dec 5 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 11/1/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 5
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 250B - RCIC Turbine & Auxillary (Steam Loops & Flow Control)
5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) RUPTURE DISK	BS&B SAFETY SYSTEMS	401445A-2	N/A	PSE2D002	1977	REPLACED	NO
8) RUPTURE DISK	BS&B SAFETY SYSTEMS	HT# 886798	N/A	PSE2D002	1984	REPLACEMENT	NO
9) STEM/DISC ASSY	YARWAY	A0725 (VALVE)	N/A	LSH249N010-R1	1977	REPLACED	NO
10) STEM/DISC ASSY	YARWAY	90-1-2W1-D1	N/A	LSH249N010-R1	1994	REPLACEMENT	YES
11) BACKSEAT BUSHING	YARWAY	A0725 (VALVE)	N/A	LSH249N010-R1	1977	REPLACED	NO
12) BACKSEAT BUSHING	YARWAY	5293-B10	N/A	LSH249N010-R1	1991	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 Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date 10/31/95

Sheet 3 of 5

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

Unit 2:

 See Page 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

4. Identification of System 250B - RCIC Turbine & Auxillary (Steam Loops & Flow Control)

5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1-4	V43982	94-250-001
5-8	P46191	95-250-001
9-12	V44276	95-250-002

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

1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 4 of 5
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.

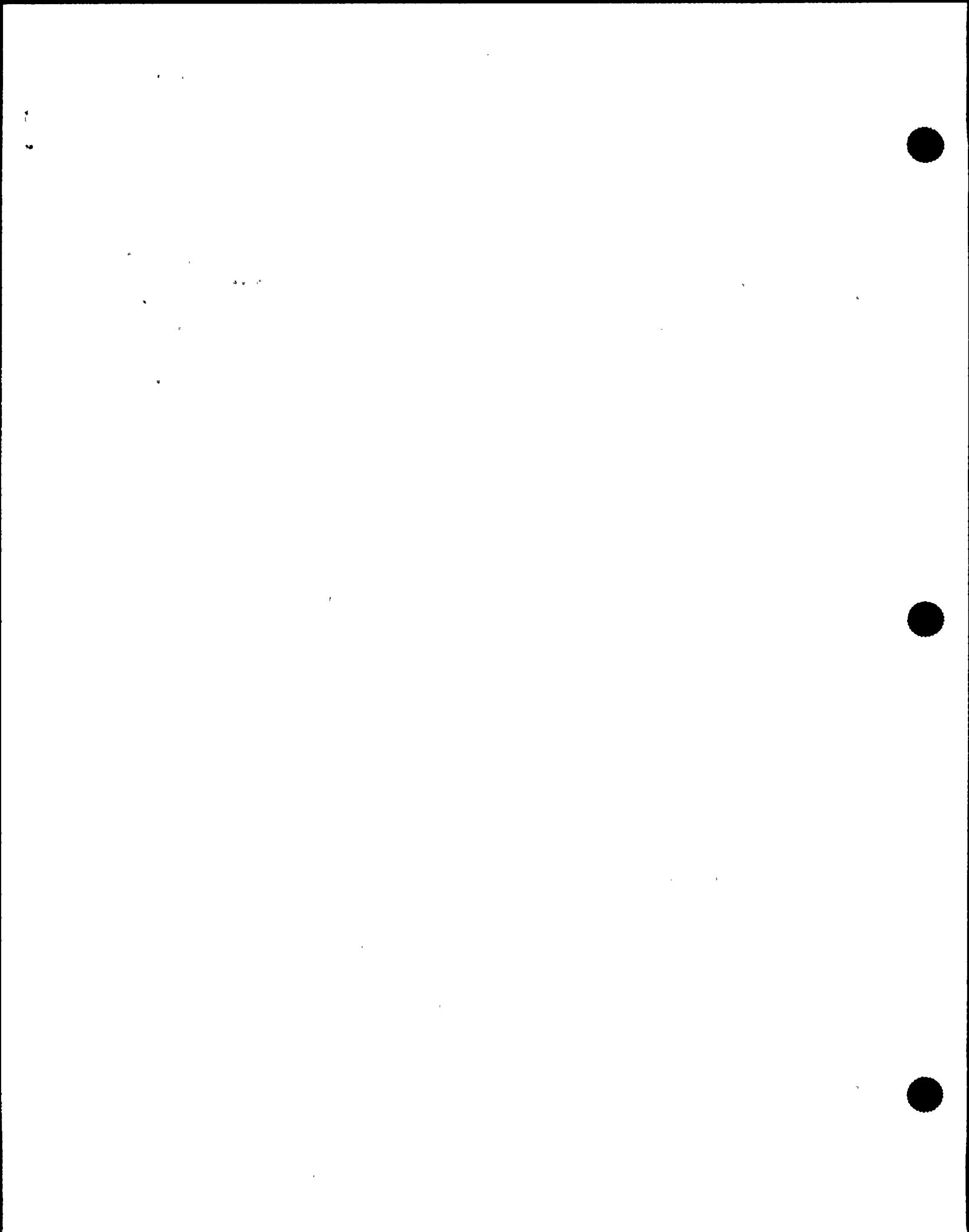
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 250B - RCIC Turbine & Auxillary (Steam Loops & Flow Control)

5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1,3,9,11	ASME SEC III; CLASS 2; 1974 EDITION; WINTER 1974 ADDENDA
2,4,10,12	ASME SEC III; CLASS 1; 1974 EDITION; WINTER 1974 ADDENDA
5 THRU 8	ASME SEC III; CLASS 2; 1971 EDITION; SUMMER 1973 ADDENDA



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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 11/13/95

Sheet 5 of 5

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

Unit 2:

See Page 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

4. Identification of System 250B - RCIC Turbine & Auxillary (Steam Loops & Flow Control)

5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1-4	DURING WALKDOWN 249001 & 249002 WERE FOUND TO BE LEAKING; STEM/DISC ASSY'S WERE REPLACED
5-8	REPLACEMENT OF RUPTURE DISCS AS PART OF PREVENTIVE MAINTENANCE
9-12	DUE TO THE EXCESSIVE FORCE REQUIRED TO OPERATE THIS VALVE THE STEM/DISC ASSY AND BACKSEAT BUSHING WILL BE REPLACED
Item (s)	Description of Tests
1-4, 9-12	NO CODE TESTING REQUIRED
5-8	VT-2 PER SE-250-301 ON INNER RUPTURE DISC (STEAM SUPPLY @ 950 psig; PUMP DISCHARGE @ 1200 psig)

FORM N-2 NPT CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PART AND APPURTENANCES*

As required by the Provision of the ASME Code Rules, Section III, Div. 1

REGISTER 77254

P. O. 55001

1. (a) Manufactured by YARWAY CORPORATION, BLUE BELL, PA 19422
(Name and address of NPT Certificate Holder)
- (b) Manufactured for Pennsylvania Power & Light Co., Susquehanna Steam Electric Station
(Name and address of N Certificate Holder for completed nuclear component)
2. Identification-Certificate Holder's Serial No. of Part D14-K1 thru D14-K5 Nat'l Bd. No. -
- (a) Constructed According to Drawing No. 966238-02 Drawing Prepared by Yarway Corp.
- (b) Description of Part Inspected Stem Assembly 1" - 5515B, 25B, Qty, 5
- (c) Applicable ASME Code: Section III, Edition 1974, Addenda date W74, Case No. - Class 1
3. Remarks: Renewal parts for Nuclear Globe Valve
(Brief description of service for which component was designed)
- Material: Disc-AMS 5385

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 5/18 19 89 Signed Yarway Corp By F. W. Reszka
(NPT Certificate Holder)
Certificate of Authorization Expires Nov. 14, 1989 Certificate of Authorization No. N-2450

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

No. 89-0636
RECORD PACKAGE
PAGE 7 of 7

Design information on file at Pennsylvania Power & Light Co.

Stress analysis report on file at Pennsylvania Power & Light Co.

Design specifications certified by John R. Schmiedel Penna. 19370E
Richard O. Schlueter Prof. Eng. State Penna. Reg. No. 26382E
Sidney Arthur Copland Penna. 19877E

Stress analysis report certified by George J. Loos Prof. Eng. State N.J. Reg. No. 23225

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 Arkwright Mutual Insurance of Norwood, MA * have inspected the part of a pressure vessel described in this Partial Data Report on MAY 18 19 89, 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 MAY 18 19 89 *Factory Mutual System

Inspector's Signature Jim Hinko Commissions Pa. 2006
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 form is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded in item 3, "Remarks".

FORM N-2 NPT CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PART AND APPURTENANCES*

As required by the Provision of the ASME Code Rules, Section III, Div. 1

REGISTER 58957

SHOP ORDER 48757

Yarway Corporation, A Subsidiary of Keystone International, Inc.

(a) Manufactured by 480 Norristown Road, Blue Bell, PA 19422
(Name and address of NPT Certificate Holder)

(b) Manufactured for Penna. Power & Light Co., Susquehanna SES, Berwick, PA 18603
(Name and address of N Certificate Holder for completed nuclear component)

2. Identification-Certificate Holder's Serial No. of Part 90-1-2W1-D1 / 045122, Nat'l Bd. No. ---

(a) Constructed According to Drawing No. 966238-02 Drawing Prepared by Yarway Corporation

(b) Description of Part Inspected Stem Assembly, 1" - 5500 - Qty. 1

(c) Applicable ASME Code: Section III, Edition 1974 /, Addenda date W74 /, Case No. -- Class 1 /

3. Remarks: Renewal parts for nuclear globe valve
(Brief description of service for which component was designed)

Material: Disc, AMS 5385E; Heat Code: 90-1-2W1 /

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 9 Dec. 19 94 Signed YARWAY CORPORATION By F. W. Peszka
(NPT Certificate Holder)

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

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at Pennsylvania Power & Light Co.

Stress analysis report on file at Not Required

Design specifications certified by John R. Schmiedel PA 19370E
Richard O. Schlueter Prof. Eng. State PA Reg. No. 26382E

Stress analysis report certified by Sidney Arthur Copland PA 19877E
George Loos Prof. Eng. State NJ Reg. No. 23225

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 Arkwright Mutual Insurance Co. of Norwood, MA* have inspected the part of a pressure vessel described in this

Partial Data Report on DEC. 9 1994, 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.

* Factory Mutual Engineering Association

Date 12-9 19 94

William R. Rogers III
Inspector's Signature

Commissions NB57980 N I B S I S PAZZ04
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".

FORM N-2 NPT CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PART AND APPURTENANCES*

As required by the Provision of the ASME Code Rules, Section III, Div. 1

Register 20043

Manufactured by Yarway Corporation, Norristown & Narcissa Rds., Blue Bell, PA 19422
(Name and address of NPT Certificate Holder)

(b) Manufactured for Pennsylvania Power & Light Co., Susquehanna SES, Berwick, PA 18603
(Name and address of N. Certificate Holder for completed nuclear component)

2. Identification-Certificate Holder's Serial No. of Part 5293-B1 through B25 Nat'l Bd. No. ---

(a) Constructed According to Drawing No. 937464-96 Drawing Prepared by Yarway Corporation

(b) Description of Part Inspected Backseat Bushing, 1 inch 5500, Qty. 25

(c) Applicable ASME Code: Section III, Edition 1974, Addenda date W74, Case No. --- Class 1

3. Remarks: Renewal parts for Nuclear Globe Valve
(Brief description of service for which component was designed)

Material: ASME SA-182 Grade F6a Class 2

Heat Code: 5293

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.)

Signed 10/25 19 91 Yarway Corporation By F. W. Peszka
(NPT Certificate Holder)

Certificate of Authorization Expires Nov. 14, 1989 Certificate of Authorization No. N2450

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at Pennsylvania Power & Light Company

Stress analysis report on file at Pennsylvania Power & Light Company

Design specifications certified by John R. Schmiedel Penna. 19370E
Richard O. Schlueter Prof. Eng. State Penna. Reg. No. 26382E
 and Sidney Arthur Copland Penna. 19877E

Stress analysis report certified by George J. Loos Prof. Eng. State N.J. Reg. No. 23225

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 Arkwright Mutual Insurance Co. of Norwood, MA* have inspected the part of a pressure vessel described in this

Partial Data Report on 10/28 19 91, 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.

*Factory Mutual System

Date 10/28 19 91

M. S. Hewitt : Commissions PA 2056 NIS 813
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 1-2 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".

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

1. Owner Pennsylvania Power & Light Co. Date 11/2/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 1 of 5
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 252B - HPCI Turbine and Auxiliary
5. (a) Applicable Construction See Page 4 19 Edition, Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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 ASSY	YARWAY	A0645 (VALVE)	N/A	255001	1977	REPLACED	NO
2) STEM/DISC ASSY	YARWAY	FROM B0622	N/A	255001	1979	REPLACEMENT	NO
3) BACKSEAT BUSHING	YARWAY	A0645 (VALVE)	N/A	255001	1977	REPLACED	NO
4) BACKSEAT BUSHING	YARWAY	FROM B0622	N/A	255001	1979	REPLACEMENT	NO
5) STEM/DISC ASSY	YARWAY	A0911 (VALVE)	N/A	255002	1977	REPLACED	NO
6) STEM/DISC ASSY	YARWAY	FROM B0527	N/A	255002	1979	REPLACEMENT	NO

7. Description of Work See Page 5
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Page 5
 Other Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks Manufacturer's Data Sheets are Attached for the Valve which Replacement Items #2, 4, 6, & 8
Applicable Manufacturer's Data Reports to be attached

were Removed.

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 Nov. 20, 19 95
Owner or Owner's Designee, Title WP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 6/27/95 to 9/19/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 57866 Pa. WC 24612 ANCI
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 27, 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 11/3/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 2 of 5
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 250B - HPCI Turbine and Auxiliary
5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) BACKSEAT BUSHING	YARWAY	A0911 (VALVE)	N/A	255002	1977	REPLACED	NO
8) BACKSEAT BUSHING	YARWAY	FROM B0527	N/A	255002	1979	REPLACEMENT	NO
9) RUPTURE DISC	BS&B SAFETY SYSTEMS	401445-4	N/A	PSE2D003	1984	REPLACED	NO
10) RUPTURE DISC	BS&B SAFETY SYSTEMS	HT# 886798	N/A	PSE2D003	1984	REPLACEMENT	NO
11) RUPTURE DISC	BS&B SAFETY SYSTEMS	401445A-4	N/A	PSE2D004	1984	REPLACED	NO
12) RUPTURE DISC	BS&B SAFETY SYSTEMS	HT# 886798	N/A	PSE2D004	1984	REPLACEMENT	NO
13) ONE BONNET NUT	ANCHOR DARLING	VALVE S/N E9970-1-8	N/A	255F077	1982	REPLACED	NO
14) ONE BONNET NUT	TEXAS BOLT	HT# 57988	N/A	255F077	1994	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 Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date 11/2/95
 Sheet 3 of 5

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

Unit 2:
 See Page 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None
 Authorization N/A
 Expiration Date N/A

4. Identification of System 250B - HPCI Turbine and Auxiliary

5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1-8	V44242	94-252-002
9-12	P46186	95-252-001
13,14	P52608	95-252-002

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

1. Owner Pennsylvania Power & Light Co. Date 11/2/95
Name
- Two North Ninth St., Allentown, PA 18101 Sheet 4 of 5
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
- PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
- Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 250B - HPCI Turbine and Auxiliary
5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1,3,5,7	ASME SEC III; CLASS 2; 1974 EDITION; WINTER 1974 ADDENDA
2,4,6,8	ASME SEC III; CLASS 1 1974 EDITION; WINTER 1974 ADDENDA
9-12	ASME SEC III; CLASS 2; 1971 EDITION; SUMMER 1973 ADDENDA
13	VALVE IS ASME SEC III; CLASS 2; 1971 EDITION; WINTER 1972 ADDENDA; CODE CASES 1516-1 AND 1534
14	ASME SEC III; CLASS 1; 1986 EDITION; NO ADDENDA



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

1. Owner Pennsylvania Power & Light Co.
Name

Date 11/13/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 5 of 5

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

PO Box 467, Berwick, PA 18603
Address

See Page 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 250B - HPCI Turbine and Auxiliary

5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1-8	DUE TO LEAKAGE PAST THE SEATS THESE VALVES WERE REWORKED AND THE STEM/DISC ASSY'S AND BACKSEAT BUSHINGS WERE REPLACED
9-12	REPLACE HPCI RUPTURE DISKS AS PART OF THE 3 YEAR PREVENTIVE MAINTENANCE
13,14	NUT BECAME MISSING DURING REWORK AND NEEDED REPLACEMENT
Item (s)	Description of Tests
1-8	NO CODE TESTING REQUIRED
9-14	VT-2 PER SE-252-301 (STEAM SUPPLY @ 940 psig; PUMP DISCHARGE @ 1150 psig)

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

As Required by the Provisions of the ASME Code Rules

P. O. # 46556

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 60531
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251,0
-(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"

SERIAL NUMBER(S) B0621 THRU B0645

(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

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 1

Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	NOVA/HOWMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOWMET CORPORATION	DISC
(b) Forgings	B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr. F6a	CYCLOPS CORP.	BACKSEAT BUSHING

(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, 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.

1. Manufacturer MISSISSIPPI POWER AND LIGHT COMPANY Order No. 9643-M-251, D

2. Manufacturer MISSISSIPPI POWER AND LIGHT COMPANY Order No. 9643-M-251, D

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant FORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"

SERIAL NUMBER(S) 80521 THRU 80545

(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Bond No. _____

6. Design Conditions _____ psi _____ °F or Pressure Class 1500 psi

7. The material, design, construction, and workmanship complies with ASME Code Section III Class 1

Edition 1974 Addenda Date WINTER 1974 Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
Castings	C8	AMS 5385	NOVA/HONMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HONMET CORPORATION	DISC
Forgings	B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr. B	CYCLOPS CORP.	BACKSEAT BUSHING

RECORD PACKAGE PAGE 13 OF 90

(1) For manually operated valves only.

*Supplemental sheets in form of notes, sketches or drawings may be used provided (1) size is 9 1/2" x 11", (2) information in items 1, 2, 5 and 6 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.

1 4 1 4
0 8 6
9 1 1 8 3

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

1. Owner Pennsylvania Power & Light Co. Date 11/10/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 1 of 5
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol, None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 253A - Standby Liquid Control

5. (a) Applicable Construction See Page 4 19 Edition, Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD. *See Page 5 (Testing) for Sec XI Code Case Usage

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) 1 1/2" CHECK VALVE	BORG WARNER	17989	N/A	248F033A	1976	REPLACED	YES
2) 1 1/2" CHECK VALVE	EDWARD VALVES	75AEQ	N/A	248F033A	1992	REPLACEMENT	YES
3) 1 1/2" SCH 80 PIPE	BECHTEL	N/A	N/A	SP-DCB-201	1983	REPLACED	NO
4) 1 1/2" SCH 80 PIPE	CHICAGO TUBE AND IRON	HT# 468431	N/A	SP-DCB-201	1984	REPLACEMENT	NO
5) SQUIBB VALVE INLET FITTING AND TRIGGER BODY	CONAX BUFFALO	695	N/A	248F004B	1991	REPLACED	YES

7. Description of Work See Page 5

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Page 5
 Other Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks Manufacturer's Data Report Attached for Replacement Items #2 & 6

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. report of replacement

Type Code Symbol Stamp N/A

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

Signed [Signature] Date Nov. 20 '95
Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 1/24/95 to 10/26/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 PA 11 24619 AN 11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 27 1995

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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date 11/10/95

Sheet 2 of 5

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

Unit 2:

 See Page 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

4. Identification of System 253B - Standby Liquid Control

5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD. *See Page 5 (Testing) for Sec XI Code Case Usage

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
6) SQUIBB VALVE INLET FITTING AND TRIGGER BODY	CONAX BUFFALO	GE-412EQ INLET FITTING 4399 TRIGER BODY 4424	INLET FITTING 4399 TRIGER BODY 4424	248F004B	1994	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 Pennsylvania Power & Light Co. Date 11/10/95
Name

Two North Ninth St., Allentown, PA 18101 Sheet 3 of 5
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name

PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name

Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address

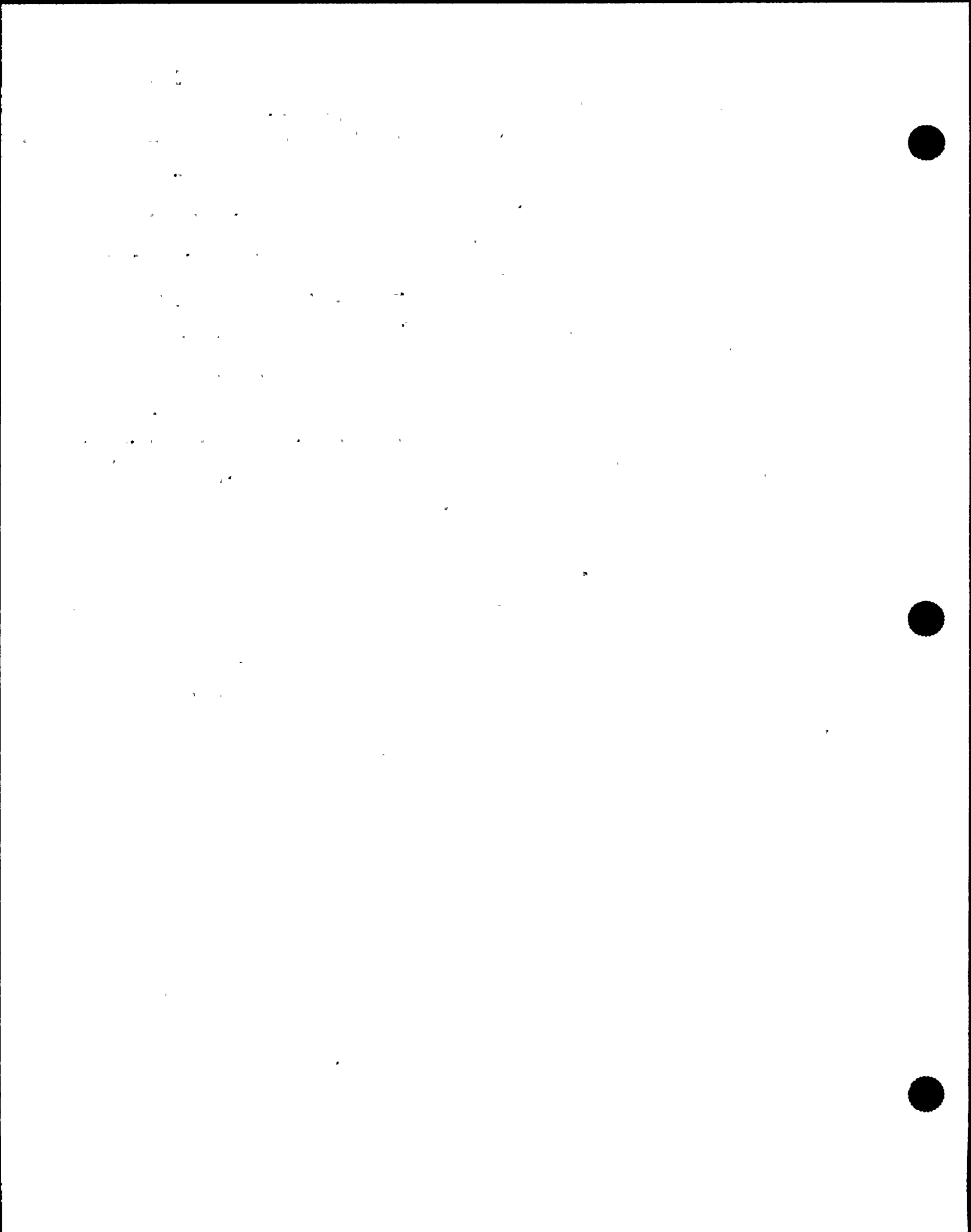
Expiration Date N/A

4. Identification of System 253B - Standby Liquid Control

5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD. *See Page 5 (Testing) for Sec XI Code Case Usage

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1-4	V53050	95-253-001
5-6	H40758	95-253-003



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

1. Owner Pennsylvania Power & Light Co.
Name

Date 11/10/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 4 of 5

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

PO Box 467, Berwick, PA 18603
Address

See Page 3

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

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 253B - Standby Liquid Control

5. (a) Applicable Construction See Page 4, 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD: *See Page 5 (Testing) for Sec XI Code Case Usage

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1,2	ASME SEC III; CLASS 1; 1974 EDITION; WINTER 1974 ADDENDA
3	ASME SEC III; CLASS 2; 1971 EDITION; WINTER 1972 ADDENDA
4	ASME SEC III; CLASS 2 1980 EDITION; SUMMER 1982 ADDENDA
5	ASME SEC III; CLASS 2; 1977 EDITION; SUMMER 1977 ADDENDA
6	ASME SEC III; CLASS 1; 1977 EDITION; SUMMER 1977 ADDENDA

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

1. Owner Pennsylvania Power & Light Co.
Name

Date 11/10/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 5 of 5

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

PO Box 467, Berwick, PA 18603
Address

See Page 3

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

3: Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 253B - Standby Liquid Control

5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD. *See Page 5 (Testing) for Sec XI Code Case Usage

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1-4	EXISTING VALVE WAS IN NEED OF REPLACEMENT ALONG WITH SCH 80 1 1/2" PIPING
5,6	REPLACE SQUIBB VALVE PER MT-253-001
Item (s)	Description of Tests
1-4	VT-2 DURING SE-253-301; CODE CASES N-416 & N-416-1 (SYSTEM PRESSURE 1319 psig)
5,6	VT-2 DURING SE-253-301 (SYSTEM PRESSURE 1350-1325 psig - REF. SURV# A51190)



FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR INDUSTRIAL 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 Conax Buffalo Corporation, 2300 Walden Avenue, Cheektowaga, NY 14225
2. Manufactured for General Electric Company, 175 Curtner Avenue, San Jose, CA 95125
3. Location of Installation River Bend Station, St. Francisville, LA 70775
4. Type: N38017, Rev. F SA479 3045ST 75 K81 N/A 1994
5. ASME Code, Section III, Division 1: 77 577 1 N/A
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision Date
7. Remarks: Inlet Fitting for explosive actuated valve replacement kit for standby liquid control system.

Pneumatic Pressure Test at 2800 psi for 10 minutes.

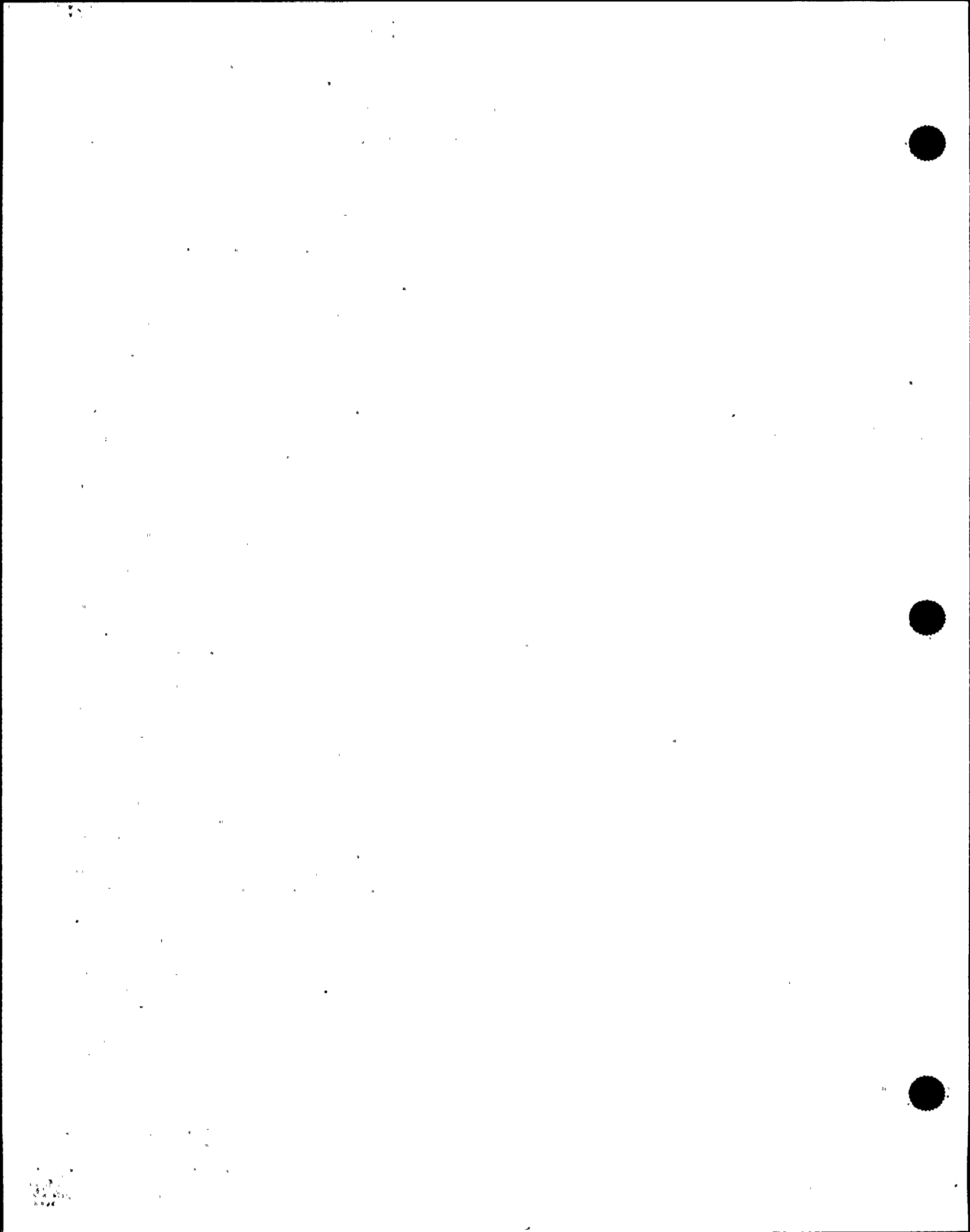
8. Nom. thickness (in.) .040 Min. design thickness (in.) .031 Dia. ID (ft & in.) .895" Length overall (ft & in.) 2.245"
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Table with 2 columns: Part or Appurtenance Serial Number, National Board No. in Numerical Order. Rows 1-25 with serial numbers 4377-4401.

Table with 2 columns: Part or Appurtenance Serial Number, National Board No. in Numerical Order. Rows 26-50.

10. Design pressure 1400 psi. Temp. 150 °F. Hydro. test pressure See Remarks at temp. °F

Supplemental information in the form of sets, 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 CERTIFICATE HOLDERS' DATA REPORT FOR INDUSTRIAL
NUCLEAR PARTS AND APPURTENANCES***
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

4

1. Manufactured and certified by Conax Buffalo Corporation, 2300 Walden Avenue, Cheektowaga, NY 14225
(Name and address of NPT Certificate Holder)

2. Manufactured for General Electric Company, 175 Currier Avenue, San Jose, CA 95125
(Name and address of Purchaser)

3. Location of installation River Bend Station, St. Francisville, LA 70775
(Name and address)

4. Type: N20000, Rev. F SA479 3048ST 75 KSI N/A 1994
(ASME Code, Div. 1) (ASME Code, Div. 1) (ASME Code, Div. 1) (ASME Code, Div. 1) (Year built)

5. ASME Code, Section III, Division 1: 77 877 1 N/A
(Division) (Section) (Subsection) (Case Code no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision Date
(Div. 2 only) (Rev. 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".
Pneumatic 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) 4402	4402
(2) 4403	4403
(3) 4404	4404
(4) 4405	4405
(5) 4406	4406
(6) 4407	4407
(7) 4408	4408
(8) 4409	4409
(9) 4410	4410
(10) 4411	4411
(11) 4412	4412
(12) 4413	4413
(13) 4414	4414
(14) 4415	4415
(15) 4416	4416
(16) 4417	4417
(17) 4418	4418
(18) 4419	4419
(19) 4420	4420
(20) 4421	4421
(21) 4422	4422
(22) 4423 ✓	4423 ✓
(23) 4424 ✓	4424 ✓
(24) 4425	4425
(25) 4426 ✓	4426 ✓

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 1400 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.

Certificate Holder's Serial Nos. 4402 through 4426

CERTIFICATION OF DESIGN

Design specifications certified by Clyde T. Nleh P.E. State CA Reg. no. 15587
(When applicable)
Design report* certified by Francois J. Domino P.E. State NY Reg. no. 38832
(When applicable)

CERTIFICATE OF COMPLIANCE

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

NPT Certificate of Authorization No. N-1850 Expires September 2, 1995

Date Mar 4, 1994 Name Conax Buffalo Corporation Signed [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 NY and employed by Hartford Steam Boiler Inspection & Insurance Company of Hartford, CT have inspected these items described in this Data Report on 3-4-94 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 3-4-94 Signed [Signature] Commissions N677PN
(Authorized Inspector) (Not in, and, endorsements) and state or prov. and no.

41307

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS & 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 1/2 (inch) Outlet Size 1 1/2 (inch)

(a) Model 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) <u>B36274(F316)</u>	<u>75A5EQ176AED</u>	<u>N/A</u>	<u>D91-22940-04R06 1</u>		<u>N/A</u>	<u>1992</u>
(2)						
(3)						
(4)						
(5)						
(6)						
(7)						
(8)						
(9)						
(10)						

5. 1 1/2" CHECK VALVE B36274 (F316) TI - Qty: 2
(Brief description of service for which equipment was designed) S.O. 36-22940-05

6. Design Conditions 2240 (Pressure) psi 800 (Temperature) °F or Valve Pressure Class 1500 (ii).
7. Cold Working Pressure 3600 psi at 100°F.
8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
<u>C</u>	<u>A567GR1/A732GR21</u>	<u>CONSOLIDATED CAST</u>	<u>DISK</u>
(b) Forgings			
<u>JMF-2</u>	<u>SA 182 GR F316</u>	<u>TRINITY FORGE</u>	<u>BODY</u>
<u>23094-28E</u>	<u>SA 479 T 316</u>	<u>CANTON STEEL</u>	<u>COVER</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.

RECORD PACKAGING
PAGE 09 OF 195

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

1. Owner Pennsylvania Power & Light Co. Date 11/10/95
Name
Two North Ninth St., Allentown, PA 18101
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603
Address See Sheet 5
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
Address Authorization N/A
 Expiration Date N/A
4. Identification of System 254A - Emergency Service Water
5. (a) Applicable Construction See Sheet 6 19 Edition, Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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 SUPPORT	BECHTEL	N/A	N/A	SP-HBC-239-H5011	1976	REPAIRED	NO
2) SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SP-HBC-240-H5001	1976	REPAIRED	NO
3) 1" GLOBE VALVE	YARWAY	5481	N/A	2-11-128A	1976	REPLACED	YES
4) 1" GLOBE VALVE	YARWAY	B0652	N/A	2-11-128A	1979	REPLACEMENT	YES
5) 1" GLOBE VALVE	YARWAY	5677	N/A	2-11-128B	1976	REPLACED	YES
6) 1" GLOBE VALVE	YARWAY	3474	N/A	2-11-128B	1976	REPLACEMENT	YES

7. Description of Work See Sheet 7
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Sheet 7
 Other Pressure psi Test Temp. °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 Sheets are Attached for Replacement Items #4, 6, 8, 10, 12, 14 & 15.

Additional Manufacturer's Data Reports to be attached

A Data Sheet is also Attached for the Valve which Replacement Item# 18 was removed.

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 Nov. 20 19 95
Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 5/10/95 to 10/3/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 PA-UK 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 27 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 11/10/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 7
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheet 5
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 254A - Emergency Service Water
5. (a) Applicable Construction See Sheet 6 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) 1" GLOBE VALVE	YARWAY	5533	N/A	2-11-129B	1976	REPLACED	YES
8) 1" GLOBE VALVE	YARWAY	3441	N/A	2-11-129B	1976	REPLACEMENT	YES
9) 1" GLOBE VALVE	YARWAY	5562	N/A	2-11-128C	1976	REPLACED	YES
10) 1" GLOBE VALVE	YARWAY	A8526	N/A	2-11-128C	1979	REPLACEMENT	YES
11) 1" GLOBE VALVE	YARWAY	5683	N/A	2-11-129C	1976	REPLACED	YES
12) 1" GLOBE VALVE	YARWAY	A8494	N/A	2-11-129C	1979	REPLACEMENT	YES
13) 1" GLOBE VALVE	YARWAY	5352	N/A	2-11-129D	1976	REPLACED	YES
14) 1" GLOBE VALVE	YARWAY	A8504	N/A	2-11-129D	1979	REPLACEMENT	YES
15) 1" GLOBE VALVE	YARWAY	5592	N/A	2-11-128D	1976	REPLACED	YES
16) 1" GLOBE VALVE	YARWAY	B0626	N/A	2-11-128D	1979	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 Pennsylvania Power & Light Co. Date 11/10/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 4 of 7
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheet 5
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 254A - Emergency Service Water

5. (a) Applicable Construction See Sheet 6 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

27) SMALL PIPE ASSY	BECHTEL	SP-HBC-239-3	N/A	SP-HBC-239-3	1983	REPLACED	YES
28) SMALL PIPE ASSY	PP&L	SP-HBC-239-3	N/A	SP-HBC-239-3	1995	REPLACEMENT	NO
29) SMALL PIPE ASSY	BECTHEL	SP-HBC-239-4	N/A	SP-HBC-239-4	1983	REPLACED	YES
30) SMALL PIPE ASSY	PP&L	SP-HBC-239-4	N/A	SP-HBC-239-4	1995	REPLACEMENT	NO
31) SMALL PIPE ASSY	BECHTEL	SP-HBC-240-4	N/A	SP-HBC-240-4	1983	REPLACED	YES
32) SMALL PIPE ASSY	PP&L	SP-HBC-240-4	N/A	SP-HBC-240-4	1995	REPLACEMENT	NO
33) PIPE SUPPORT	BECHTEL	HRC-224-H97	N/A	HRC-224-H97	1983	REPAIRED	NO



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

1. Owner Pennsylvania Power & Light Co. Date 11/10/95
Name
Two North Ninth St., Allentown, PA 18101
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603
Address
See Sheet 5
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
Address
 Authorization N/A
 Expiration Date N/A

4. Identification of System 254A - Emergency Service Water

5. (a) Applicable Construction See Sheet 6 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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)
17) STEM & DISC ASSY	YARWAY	VALVE S/N B0652	N/A	2-11-128A	1979	REPLACED	NO
18) STEM & DISC ASSY	YARWAY	FROM B0610	N/A	2-11-128A	1979	REPLACEMENT	NO
19) SMALL PIPE ASSY	BECHTEL	SP-HBC-239-1	N/A	SP-HBC-239-1	1983	REPLACED	YES
20) SMALL PIPE ASSY	PP&L	SP-HBC-239-1	N/A	SP-HBC-239-1	1995	REPLACEMENT	NO
21) SMALL PIPE ASSY	BECHTEL	SP-HBC-240-1	N/A	SP-HBC-240-1	1983	REPLACED	YES
22) SMALL PIPE ASSY	PP&L	SP-HBC-240-1	N/A	SP-HBC-240-1	1995	REPLACEMENT	NO
23) SMALL PIPE ASSY	BECHTEL	SP-HBC-239-2	N/A	SP-HBC-239-2	1983	REPLACED	YES
24) SMALL PIPE ASSY	PP&L	SP-HBC-239-2	N/A	SP-HBC-239-2	1995	REPLACEMENT	NO
25) SMALL PIPE ASSY	BECHTEL	SP-HBC-240-2	N/A	SP-HBC-240-2	1983	REPLACED	YES
26) SMALL PIPE ASSY	PP&L	SP-HBC-240-2	N/A	SP-HBC-240-2	1995	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 Pennsylvania Power & Light Co.
Name

Date 11/10/95

 Two North Ninth St., Allentown, PA 18101
Address

Sheet 5 of 7

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

 PO Box 467, Berwick, PA 18603
Address

 See Sheet 5
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

 Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 254A - Emergency Service Water

5. (a) Applicable Construction See Sheet 6 19 Edition, Addenda, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1	V53176	95-254-006
2	V53177	95-254-004
3,4,27,28	V53175	95-254-002
5-8,19,20,21,22	V53176	95-254-005
9-12,23,24,25,26	V53177	95-254-003
13-16,29,30,31,32	V53178	95-254-007
17,18	V53175	95-254-008
33	V53281	95-254-001

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the integrity of the financial system and for the ability to detect and prevent fraud. The text notes that without reliable records, it would be difficult to verify the accuracy of financial statements and to identify any irregularities.

2. The second part of the document focuses on the role of internal controls in ensuring the reliability of financial information. It describes how internal controls are designed to prevent errors and to detect any unauthorized transactions. The text highlights that internal controls should be tailored to the specific needs of the organization and should be regularly reviewed and updated to reflect changes in the business environment.

3. The third part of the document discusses the importance of transparency and accountability in financial reporting. It notes that stakeholders, including investors, creditors, and the public, rely on financial statements to make informed decisions. Therefore, it is crucial for organizations to provide clear, accurate, and timely financial information. The text also mentions that transparency and accountability are key factors in building trust and confidence in the financial system.

4. The fourth part of the document addresses the challenges of financial reporting in a complex and rapidly changing environment. It identifies several key challenges, including the increasing volume and complexity of transactions, the need for real-time reporting, and the impact of technological advancements. The text suggests that organizations should adopt a proactive approach to address these challenges and should invest in the necessary resources and expertise to ensure the accuracy and reliability of their financial reporting.

5. The fifth part of the document discusses the importance of collaboration and communication in financial reporting. It notes that financial reporting is a complex process that involves multiple stakeholders, including management, the board of directors, and external auditors. Effective communication and collaboration are essential for ensuring that all parties are aligned and that the financial reporting process is transparent and accountable. The text suggests that organizations should establish clear lines of communication and should encourage a culture of openness and transparency.

6. The sixth part of the document discusses the importance of continuous improvement in financial reporting. It notes that the financial reporting process is not static and should be regularly reviewed and updated to reflect changes in the business environment. The text suggests that organizations should adopt a continuous improvement approach and should seek feedback from stakeholders to identify areas for improvement. This approach can help organizations to enhance the accuracy and reliability of their financial reporting and to build trust and confidence in the financial system.

7. The seventh part of the document discusses the importance of ethical considerations in financial reporting. It notes that financial reporting is not just a technical exercise but also a moral one. Organizations have a responsibility to provide accurate and reliable financial information and to avoid any actions that could be perceived as unethical. The text suggests that organizations should establish a strong ethical framework and should ensure that all employees are aware of and committed to this framework.

8. The eighth part of the document discusses the importance of regulatory compliance in financial reporting. It notes that financial reporting is subject to a variety of regulations and standards, and organizations must ensure that they are fully compliant with these requirements. The text suggests that organizations should stay up-to-date on the latest regulatory changes and should invest in the necessary resources and expertise to ensure compliance. This approach can help organizations to avoid penalties and to maintain the integrity of the financial system.

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

1. Owner Pennsylvania Power & Light Co.
Name

Date 11/10/95

 Two North Ninth St., Allentown, PA 18101
Address

Sheet 6 of 7

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

 PO Box 467, Berwick, PA 18603
Address

 See Sheet 5

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

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

 Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 254A - Emergency Service Water

5. (a) Applicable Construction See Sheet 6 19 Edition, Addenda, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1,2,19-33	ASME SEC III; CLASS 3; 1971 EDITION; WINTER 1972 ADDENDA
3,5,7,9,11,13,15	ASME SEC III; CLASS 2; 1974 EDITION; WINTER 1974 ADDENDA
4,6,8,10,12,14,16,17,18	ASME SEC III; CLASS 1; 1974 EDITION; WINTER 1974 ADDENDA

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

1. Owner <u> Pennsylvania Power & Light Co. </u> <small style="margin-left: 100px;">Name</small> <u> Two North Ninth St., Allentown, PA 18101 </u> <small style="margin-left: 100px;">Address</small>	Date <u> 11/16/95 </u> Sheet <u> 7 </u> of <u> 7 </u>
2. Plant <u> Susquehanna Steam Electric Station </u> <small style="margin-left: 100px;">Name</small> <u> PO Box 467, Berwick, PA 18603 </u> <small style="margin-left: 100px;">Address</small>	Unit <u> 2: </u> <u> See Sheet 5 </u> <small style="margin-left: 100px;">Repair Organization P.O. No., Job No., etc.</small>
3. Work Performed by <u> Pennsylvania Power & Light Co. </u> <small style="margin-left: 100px;">Name</small> <u> Two North Ninth St., Allentown, PA 18101 </u> <small style="margin-left: 100px;">Address</small>	Type Code Symbol <u> None </u> Authorization <u> N/A </u> Expiration Date <u> N/A </u>
4. Identification of System <u> 254A - Emergency Service Water </u>	
5. (a) Applicable Construction <u> See Sheet 6 </u> 19 <u> </u> Edition, <u> </u> Addenda, <u> </u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u> '89 NO ADD. </u>	
6. Identification of Components Repaired or Replaced and Replacement Components	

Item (s)	Description of Work
1,2	REMOVAL/REWELD OF SPD CLIPS TO FACILITATE PIPING REPLACEMENT
17,18	REPLACEMENT VALVE WAS IN NEED OF REWORK
3-16, 19-32	REPLACEMENT OF RHR/ESW INLET/OUTLET PIPING
33	REMOVAL OF HANGER TO ALLOW FOR REMOVAL OF RHR PUMP 2P202D
Item (s)	Description of Tests
1, 2 ,33	NONE
3, 4, 13-18, 27-32	VT-2 PER SE-254-301; SYSTEM PRESSURE 125 psig
5-12, 19-26	VT-2 PER SE-254-301; SYSTEM PRESSURE 114 psig

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 60531
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251,0
(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"

SERIAL NUMBER(S) B0646 THRU B0670
(Brief description of service for which equipment was designed)

(a) Drawing No. 105271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

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 1

Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	NOVA/HOWMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOWMET CORPORATION	DISC
(b) Forgings	B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr. F6a	CYCLOPS CORP.	BACKSEAT BUSHING

(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, 2, 3, 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.





As Required by the Provisions of the ASME Code Rules

1. Manufactured by Yarway Corporation, Blue Bell, PA Order No. 40751
(Name & Address of Manufacturer)

2. Manufactured for Bechtel Power Corporation Order No. 9645-M-251.0
(Name and Address)

3. Owner Mississippi Power and Light Company

4. Location of Plant Port Gibson, Mississippi

5. Pump or Valve Identification Nuclear Service Valves - Serial Numbers
3461 Thru. 3485 Inclusive
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-04 Prepared by Yarway Corporation

(b) National Board No. None

6. Design Conditions 2350 psi 700 °F or Pressure Class 1500 PSI (1)
(Pressure) (Temperature)

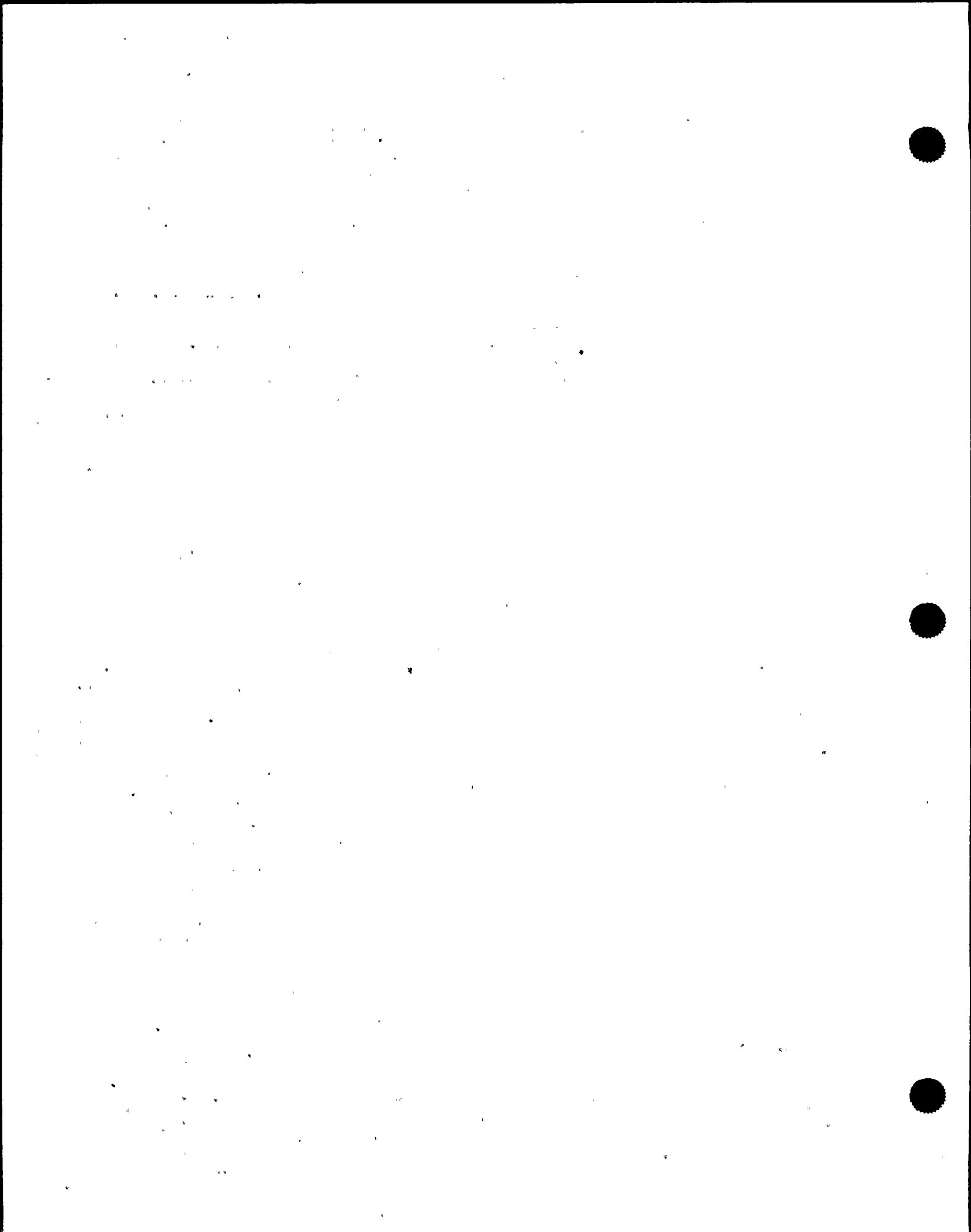
7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 1
 Edition 1974, Addenda Date Winter 1974, Case No. None

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	AS	Iova/Hornet	Disc
(b) Forgings	NI	Cape Ann Tool Co.	Body
	YW 684	Republic Steel	Backseat Bushin

No. 91-0135
 RECORD PACKAGE
 PAGE 23 OF 47

(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, 3a and 3b 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 NPY-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES

As Required by the Provisions of the ASME Code Rules C92-183-111

1. Manufactured by Yarway Corporation, Blue Bell, PA Order No. 40751
(Name & Address of Manufacturer)

2. Manufactured for Bechtel Power Corporation Order No. 9645-M-251.0
(Name and Address)

3. Owner Mississippi Power and Light Company

4. Location of Plant Port Gibson, Mississippi

5. Pump or Valve Identification Nuclear Service Valves - Serial Numbers
3436 Thru 3460 Inclusive
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-04 Prepared by Yarway Corporation

(b) National Board No. None

6. Design Conditions 2350 (Pressure) psi 700 (Temperature) °F or Pressure Class 1500 PSI (1)

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 1
Edition 1974, Addenda Date Winter 1974, Case No. None

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	A5	AMS 5382	Nova/Howmet Disc
(b) Forgings	N1	BA 105	Cape Ann Tool Co. Body
	YW 684	SA 193 B7	Republic Steel Backseat Bushing

OFFICIAL

(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, 3a and 3b 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 report.

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

As Required by the Provisions of the ASME Code Rules

P. O. # 40461

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 41191
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"
SERIAL NUMBER(S) A8519 THRU A8543
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-04 Prepared by YARWAY CORPORATION

(b) National Board No. ---

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 1

Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	INOVA/HOWMET CORP.	INTSC
(b) Forgings	Y8	SA105	CAPE ANN TOOL CO.	BODY
	1685	SA182 Gr. F6 a	CYCLOPS CORP.	BACKSEAT BUSHING

(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, 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.

3/75 This form (E00037, may be obtained from the Order Dept., ASME, 345 E. 47 St., New York, N.Y. 10017.

As Required by the Provisions of the ASME Code Rules

P. O. # 40461

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 41191
(Name & Address of Manufacturer)
2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
(Name and Address)
3. Owner MISSISSIPPI POWER AND LIGHT COMPANY
4. Location of Plant PORT GIBSON, MISSISSIPPI
5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"
SERIAL NUMBER(S) A8494 THRU A8518
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-04 Prepared by YARWAY CORPORATION(b) National Board No. ---6. Design Conditions --- psi --- °F or Pressure Class 1500 DSI (1)
(Pressure) (Temperature)7. The material, design, construction, and workmanship complies with ASME Code Section III. Class 1Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	NOVA/HOWMET CORP.	DISC
(b) Forgings	Y8	SA105	CAPE ANN TOOL CO.	BODY
	1685	SA182 Gr. F6a	CYCLOPS CORP.	BACKSEAT BUSHING

(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, 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.

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 60531
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"

SERIAL NUMBER(S) B0621 THRU B0645

(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

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 1

Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	NOVA/HOWMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOWMET CORPORATION	DISC
(b) Forgings	B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr.F6a	CYCLOPS CORP.	BACKSEAT BUSHING

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, 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.

1. Manufactured by YARWAY CORPORATION, SUITE 300, PA 19381 Order No. 6D531
 2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
 3. Owner MISSISSIPPI POWER AND LIGHT COMPANY
 4. Location of Plant PORT GIBSON, MISSISSIPPI
 5. Pump or Valve Manufacturer NUCLEAR SERVICE VALVES SIZE - 1"
 SERIAL NUMBER(S) B0596 THRU B0620

(Total description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

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

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 1

Edition 1974 Addenda Date WINTER 1974 Case No. NONE

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	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	NOVA/HOMMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOMMET CORPORATION	DISC
(b) Forgings	B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr. B6a	CYCLOPS CORP	BACKSEAT BUSHING

91-0122
 RECORD PACKAGE
 PAGE 9 OF 99

(1) For manually operated valves only.

*Supplemental sheets in form of lists, abstracts or drawings may be used provided (1) size is 8 1/2" x 11", (2) information in items 1, 2, 5a and 7a 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 NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Pennsylvania Power & Light Co. Date 11/10/95
Name
Two North Ninth St., Allentown, PA 18101
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603
Address See Sheets 7,8
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101
Address Authorization N/A
 Expiration Date N/A

4. Identification of System 255B - Control Rod Drive Hydraulic

5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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	1837	N/A	HCU 42-23 ASSY 2145	1975	REPLACED	YES
2) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	2065	N/A	HCU 42-23 ASSY 2145	1992	REPLACEMENT	YES
3) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	1800	N/A	HCU 30-07 ASSY 2030	1975	REPLACED	YES
4) NITROGEN ACCUMULATOR.	GENERAL ELECTRIC	1837	N/A	HCU 30-07 ASSY 2030	1975	REPLACEMENT	YES
5) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	1805	N/A	HCU 50-19 ASSY 2007	1975	REPLACED	YES
6) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	6145	N/A	HCU 50-19 ASSY 2007	1994	REPLACEMENT	YES

7. Description of Work See Sheet 10

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Sheet 10
 Other Pressure psi Test Temp. °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)

3. Remarks Manufacturer's Data Report Attached for Replacement Items #2, 6, 8, 10, 12, & 14

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. report of replacement

Type Code Symbol Stamp _____ N/A

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

Signed [Signature] Date Nov 20 19 95
Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 5/1/95 to 10/2/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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.

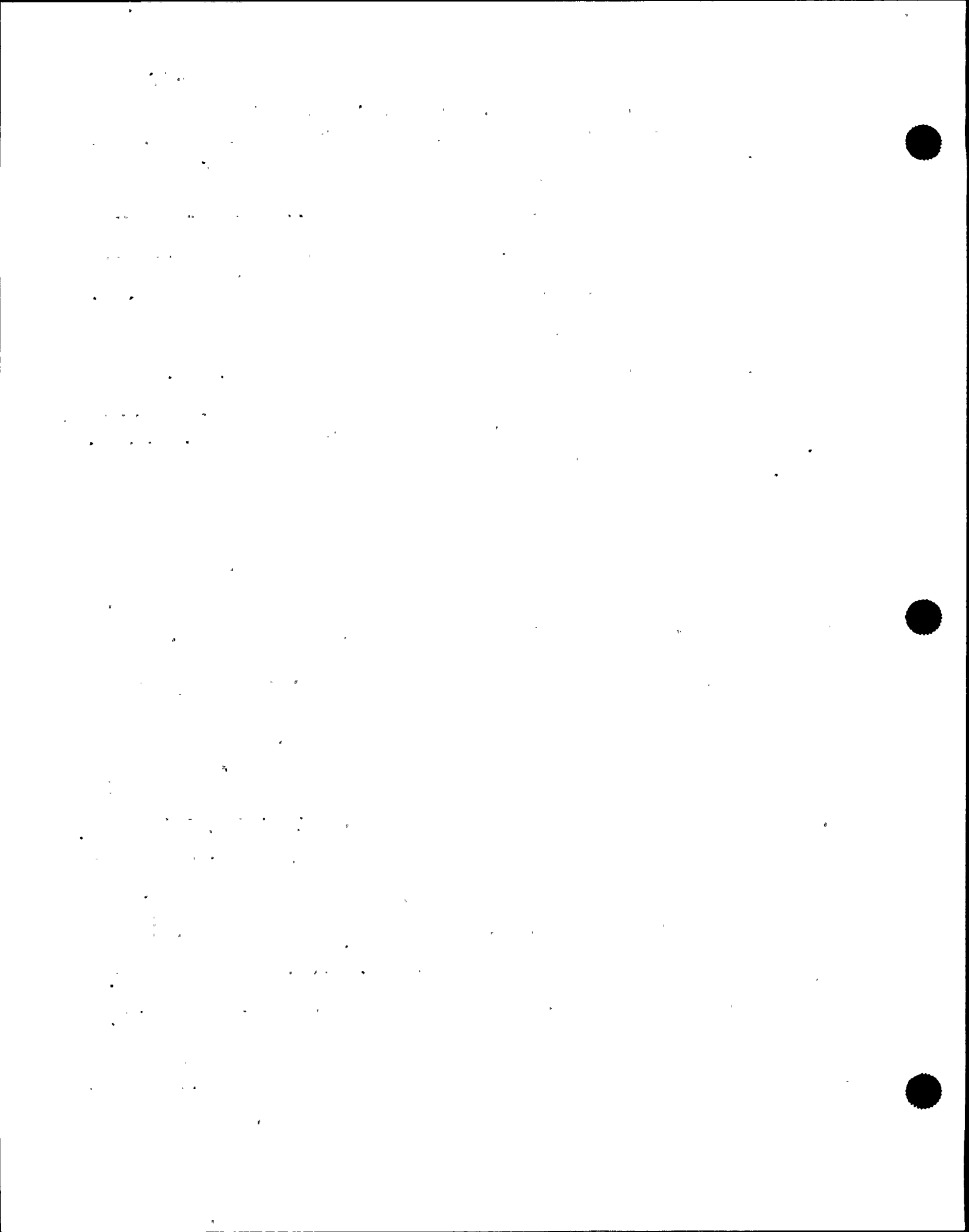
[Signature] Commissions NB 7866 PAWR 24619 AN11
Inspector's Signature National Board, State, Province; and Endorsements

Date Nov 28 19 95

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

<p>1. Owner <u> Pennsylvania Power & Light Co. </u> <small style="margin-left: 100px;">Name</small></p> <p><u> Two North Ninth St., Allentown, PA 18101 </u> <small style="margin-left: 100px;">Address</small></p>	<p>Date <u> 11/10/95 </u></p> <p>Sheet <u> 2 </u> of <u> 10 </u></p>
<p>2. Plant <u> Susquehanna Steam Electric Station </u> <small style="margin-left: 100px;">Name</small></p> <p><u> PO Box 467, Berwick, PA 18603 </u> <small style="margin-left: 100px;">Address</small></p>	<p>Unit <u> 2: </u></p> <p><u> See Sheets 7,8 </u> <small style="margin-left: 100px;">Repair Organization P.O. No., Job No., etc.</small></p>
<p>3. Work Performed by <u> Pennsylvania Power & Light Co. </u> <small style="margin-left: 100px;">Name</small></p> <p><u> Two North Ninth St., Allentown, PA 18101 </u> <small style="margin-left: 100px;">Address</small></p>	<p>Type Code Symbol <u> None </u></p> <p>Authorization <u> N/A </u></p> <p>Expiration Date <u> N/A </u></p>
<p>4. Identification of System <u> 255B - Control Rod Drive Hydraulics </u></p>	
<p>5. (a) Applicable Construction <u> See Sheet 9 </u> 19 <u> </u> Edition, <u> </u> Addenda, <u> </u> Code Case</p> <p>(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u> '89 NO ADD. </u></p>	
<p>6. Identification of Components Repaired or Replaced and Replacement Components</p>	

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) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	1391	N/A	HCU 34-31 ASSY 1098	1975	REPLACED	YES
8) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	6104	N/A	HCU 34-31 ASSY 1098	1994	REPLACEMENT	YES
9) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	1884	N/A	HCU 50-15 ASSY 2006	1975	REPLACED	YES
10) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	2127	N/A	HCU 50-15 ASSY 2006	1992	REPLACEMENT	YES
11) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	2008	N/A	HCU 14-47 ASSY 2185	1975	REPLACED	YES
12) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	6141	N/A	HCU 14-47 ASSY 2185	1994	REPLACEMENT	YES
13) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	1888	N/A	HCU 58-39 ASSY 2147	1975	REPLACED	YES
14) NITROGEN ACCUMULATOR	GENERAL ELECTRIC	6138	N/A	HCU 58-39 ASSY 2147	1994	REPLACEMENT	YES
15) 3/4" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1357	N/A	247F102-5415	1977	REPLACED	NO
16) 3/4" STEM & DISC ASSY	DRAGON	HT# 842109	N/A	247F102-5415	1983	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 Pennsylvania Power & Light Co. Date 11/10/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 3 of 10
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Sheets 7,8
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 255B - Control Rod Drive Hydraulics

5. (a) Applicable Construction See Sheet.9 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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)
17) 3/4" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1335; STEM & DISC HT# 46190	N/A	247F102-4211	1983	REPLACED	NO
18) 3/4" STEM & DISC ASSY	DRAGON	HT# 842109	N/A	247F102-4211	1983	REPLACEMENT	NO
19) 3/4" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1023	N/A	247F102-4651	1977	REPLACED	NO
20) 3/4" STEM & DISC ASSY	DRAGON	HT# 842109	N/A	247F102-4651	1983	REPLACEMENT	NO
21) 3/4" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1034	N/A	247F102-3411	1977	REPLACED	NO
22) 3/4" STEM & DISC ASSY	DRAGON	HT# 842109	N/A	247F102-3411	1983	REPLACEMENT	NO
23) 1" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1615	N/A	247F101-1427	1977	REPLACED	NO
24) 1" STEM & DISC ASSY	DRAGON	HT# 46190	N/A	247F101-1427	1983	REPLACEMENT	NO
25) 1" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1746	N/A	247F101-0219	1977	REPLACED	NO
26) 1" STEM & DISC ASSY	DRAGON	HT# 46190	N/A	247F101-0219	1983	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 Pennsylvania Power & Light Co. Date 11/10/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 4 of 10
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheets 7,8
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 255B - Control Rod Drive Hydraulics

5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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)
27) 1" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1482; STEM & DISC HT# 842109	N/A	247F101-0619	1983	REPLACED	NO
28) 1" STEM & DISC ASSY	DRAGON	HT# 46190	N/A	247F101-0619	1983	REPLACEMENT	NO
29) 1" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1473	N/A	247F101-0243	1977	REPLACED	NO
30) 1" STEM & DISC ASSY	DRAGON	HT# 46190	N/A	247F101-0243	1983	REPLACEMENT	NO
31) 1" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1496	N/A	247F101-2231	1977	REPLACED	NO
32) 1" STEM & DISC ASSY	DRAGON	HT# 46190	N/A	247F101-2231	1983	REPLACEMENT	NO
33) 3/4" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1323	N/A	247F102-1827	1977	REPLACED	NO
34) 3/4" STEM & DISC ASSY	DRAGON	HT# 842109	N/A	247F102-1827	1983	REPLACEMENT	NO
35) 3/4" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1315	N/A	247F102-2255	1977	REPLACED	NO
36) 3/4" STEM & DISC ASSY	DRAGON	HT# 46190	N/A	247F102-2255	1983	REPLACEMENT	NO



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

<p>1. Owner <u>Pennsylvania Power & Light Co.</u> <small>Name</small></p> <p><u>Two North Ninth St., Allentown, PA 18101</u> <small>Address</small></p>	<p>Date <u>11/10/95</u></p> <p>Sheet <u>5</u> of <u>10</u></p>
<p>2. Plant <u>Susquehanna Steam Electric Station</u> <small>Name</small></p> <p><u>PO Box 467, Berwick, PA 18603</u> <small>Address</small></p>	<p>Unit <u>2:</u></p> <p><u>See Sheets 7,8</u> <small>Repair Organization P.O. No., Job No., etc.</small></p>
<p>3. Work Performed by <u>Pennsylvania Power & Light Co.</u> <small>Name</small></p> <p><u>Two North Ninth St., Allentown, PA 18101</u> <small>Address</small></p>	<p>Type Code Symbol <u>None</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p>
<p>4. Identification of System <u>255B - Control Rod Drive Hydraulics</u></p>	
<p>5. (a) Applicable Construction <u>See Sheet 9</u> 19 <u> </u> Edition; <u> </u> Addenda, <u> </u> Code Case</p> <p>(b) Applicable Edition of Section XI Utilized for Repairs or Replacements. <u>'89 NO ADD.</u></p>	
<p>6. Identification of Components Repaired or Replaced and Replacement Components</p>	

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)
37) 3/4" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1006	N/A	247F102-0627	1977	REPLACED	NO
38) 3/4" STEM & DISC ASSY	DRAGON	HT# 842109	N/A	247F102-0627	1983	REPLACEMENT	NO
39) 1" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1646	N/A	247F101-1451	1977	REPLACED	NO
40) 1" STEM & DISC ASSY	DRAGON	HT# 46190	N/A	247F101-1451	1983	REPLACEMENT	NO
41) 1" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1568	N/A	247F101-2659	1977	REPLACED	NO
42) 1" STEM & DISC ASSY	DRAGON	HT# 842109	N/A	247F101-2659	1983	REPLACEMENT	NO
43) 3/4" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1187	N/A	247F102-2659	1977	REPLACED	NO
44) 3/4" STEM & DISC ASSY	DRAGON	HT# 842109	N/A	247F102-2659	1983	REPLACEMENT	NO
45) 3/4" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1069	N/A	247F102-1451	1977	REPLACED	NO
46) 3/4" STEM & DISC ASSY	DRAGON	HT# 842109	N/A	247F102-1451	1983	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 Pennsylvania Power & Light Co. Date 11/10/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 6 of 10
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheets 7,8
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 255B - Control Rod Drive Hydraulics

5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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)
47) PLUG	DRAGON	VALVE S/N EM 1095	N/A	247F102-4643	1977	REPLACED	NO
48) PLUG	UNIVERSAL CYCLOPS	HT CODE 24- 0054	N/A	247F102-4643	1985	REPLACEMENT	NO
49) 3/4" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1064	N/A	247F102-5827	1977	REPLACED	NO
50) 3/4" STEM & DISC ASSY	DRAGON	HT# 842109	N/A	247F102-5827	1983	REPLACEMENT	NO
51) 1" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1490	N/A	247F101-3035	1977	REPLACED	NO
52) 1" STEM & DISC ASSY	DRAGON	HT# 842109	N/A	247F101-3035	1983	REPLACEMENT	NO
53) 3/4" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1310	N/A	247F102-0615	1977	REPLACED	NO
54) 3/4" STEM & DISC ASSY	DRAGON	HT# 46190	N/A	247F102-0615	1983	REPLACEMENT	NO
55) 3/4" STEM & DISC ASSY	DRAGON	VALVE S/N EM 1091	N/A	247F102-0231	1977	REPLACED	NO
56) 3/4" STEM & DISC ASSY	DRAGON	HT#46190	N/A	247F102-0231	1983	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 Pennsylvania Power & Light Co. Date 11/10/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 7 of 10
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Sheets 7,8
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 255B - Control Rod Drive Hydraulics

5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1,2	V53056	95-255-001
3,4	V53057	95-255-002
5,6	V53058	95-255-003
7,8	V53363	95-255-004
9,10	V53362	95-255-005
11,12	V53365	95-255-006
13,14	V53364	95-255-007
15,16	V53407	95-255-009
17,18	V53408	95-255-010
19,20	V53409	95-255-011
21,22	V53410	95-255-012
23,24	V53640	95-255-013
25,26	V53641	95-255-014

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

1. Owner Pennsylvania Power & Light Co. Date 11/10/95
Name
- Two North Ninth St., Allentown, PA 18101 Sheet 8 of 10
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
- PO Box 467, Berwick, PA 18603 See Sheets 7,8
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
- Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 255B - Control Rod Drive Hydraulics
5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

27,28	V53642	95-255-015
29,30	V53643	95-255-016
31,32	V53644	95-255-017
33,34	V53646	95-255-019
35,36	V53647	95-255-020
37,38	V53649	95-255-022
39,40	V53650	95-255-023
41,42	V53651	95-255-024
43,44	V53652	95-255-025
45,46	V53653	95-255-026
47,48	V53645	95-255-027
49,50	V53043	95-255-028
51,52	V53675	95-255-029
53,54	V43962	C94-255-195
55,56	V44003	C94-255-196

1. The first part of the document discusses the importance of maintaining accurate records of all transactions.

2. It is essential to ensure that all data is entered correctly and that the system is regularly updated.

3. The second part of the document outlines the various methods used to collect and analyze data.

4. These methods include surveys, interviews, and focus groups, each with its own strengths and weaknesses.

5. The third part of the document describes the process of data analysis, from cleaning the data to identifying trends.

6. Finally, the document concludes by emphasizing the need for transparency and accountability in the research process.

7. Overall, the document provides a comprehensive overview of the research process and the importance of data in decision-making.

8. It is hoped that this information will be helpful to anyone interested in conducting research or analyzing data.

9. Thank you for your attention, and please do not hesitate to contact us if you have any questions.

10. Sincerely,
[Name]



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

1. Owner Pennsylvania Power & Light Co. Date 11/10/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 9 of 10
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheets 7,8
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 255B - Control Rod Drive Hydraulics
5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1,3,4,5,7,9,11,13,	ASME SEC VIII; DIVISION 1
2,10	ASME SEC VIII; DIVISION 1; 1989 EDITION; 1990 ADDENDA
6,8,12,14	ASME SEC VIII; DIVISION 1; 1992 EDITION; 1993 ADDENDA
15-47, 49-56	ASME SEC III; CLASS 2; 1974 EDITION; WINTER 1975 ADDENDA
48	ASME SEC III; CLASS 2; 1980 EDITION; NO ADDENDA

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Second section of faint, illegible text, possibly a separate paragraph or section.

Third section of faint, illegible text, continuing the document's content.

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

1. Owner Pennsylvania Power & Light Co.
Name

Date 11/10/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 10 of 10

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

PO Box 467, Berwick, PA 18603
Address

See Sheets 7,8

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

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 255B - Control Rod Drive Hydraulics

5. (a) Applicable Construction See Sheet 9 19 Edition, Addenda, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1-14	ACCUMULATORS LEAKING AND ARE IN NEED OF REPLACEMENT
15-46, 49-56	DURING REWORK IT WAS DETERMINED NECESSARY TO REPLACE THE STEM AND DISC ASSY'S OF THESE RIGHT ANGLE VENT VALVES
47,48	REPLACE DAMAGED SIDE PLUG
Item (s)	Description of Tests
1-14	NONE
15-56	NON VT-2 PER M1-PS-008

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 Fuel & Components Manufacturing (GE NF & CM)
2117 Castle Hayne Road, Wilmington, North Carolina 28402
(Name and address of manufacturer)

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

3. Location of installation: not known
(Name and address)

4. Type Vertical 2065 N/A 11223-05 G001 Rev 02 N/A 1992
(Type of vessel) (Mfg. & serial No.) (CRN) (Drawing No.) (Mfg. & serial 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 1989 to 1990 N/A N/A
Year Addenda (Date) Code Case No. Special Service per UG-110(d)

6. Shell SA312 Gr. TP304 0.750" 0.005" 7.028" 3 ft. 2.38 inches
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Cor. Allow. (in.) Diam. ID (ft. & in.) Length (overall) (ft. & in.)

7. Seams Seamless N/A
Long. (Welded, DOL, Sing. Lap, Butt) RT. (Spot or Full) EL. (%) RT. temp. (F) Time (hr) Girth (Welded, DOL, Sing. Lap, Butt) RT. (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: Skirt 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 Section VIII, Division 1. U-Stamp of Authority No. 10,572 expires June 10, 1993
 Date 06/10/92 Co. Name GE NF & CM (Manufacturer) Signed M. G. Johnson (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by GE NF & CM 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 5/21, 1992, 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 6/26/92 Signed Quoniam P. Egan (Authorized Inspector) Commission No. NC 1231, Ohio, WC 3686 PA
(Mat'l. Board (incl. endorsements), State, Prov. and No.)

152 92-0703
 RECORD PACKAGE
 DATE 3/27/89

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 Fuel & Components Manufacturing (GE NF & CM)
2117 Castle Hayne Road, Wilmington, North Carolina 28402
(Name and address of manufacturer)

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

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

4. Type Vertical 6:04 N/A 112D3405 G001 Rev 02 N/A 1994
(Type of vessel) (Mfg's serial No.) (CFR) (Drawing No.) (Part, S&N) (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 1992 to 1993 N/A N/A
Year Addenda (Date) Code Case Nos. Special Service per UG-120(e)

6. Shell SA351 CFB 0.750" 0.005" 7.028" 3 ft. 2.38 inches
M&L (Spec. No., Grade) Nom. THK (in.) Cor. Allow. (in.) Diam. ID. (ft. & in.) Length (overall) (ft. & in.)

7. Seams Seamless N/A
Long. (Welded, DCL, Sing. Lap, Full) RT. (Spot or Full) EL (S) RT. Temp. (F) Tens (RT) WPT (Welded, DCL, Sing. Lap, Full) RT. (Spot or Full) No. of Courses

8. Heads (a) Mat. SA182-F304 (b) Mat. SA182-F304
(Spec. No., Grade) (Spec. No., Grade)

Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knurled 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, both used (describe other fastenings) _____
(Mat., Spec. No., Cr., S&N, No.)

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

10. No. of Nozzles, Inspection and safety valve openings: _____

Purpose (Inlet, Outlet, Drain)	No.	Drain or Size	Type	Mat.	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 None No Legs (No.) Legs (No.) Other Band Clamps Attached around approx. middle
(Type 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)

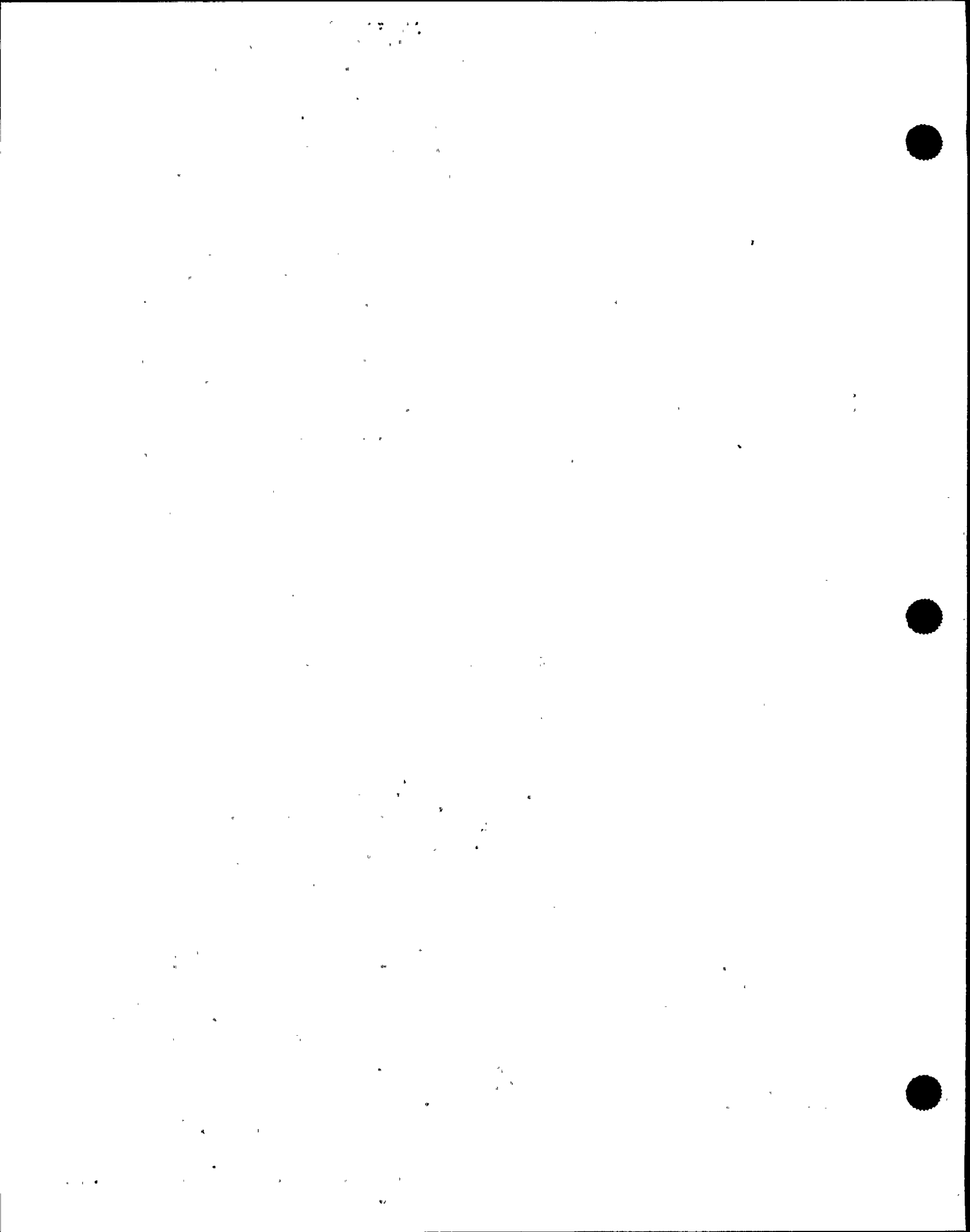
Complete mechanical assembly with no welded joints.
Although a Differential Pressure exists on each side of the Internal Piston, the Accumulator Cylinder is hydrostatically tested with the Piston removed.
Meets design, construction, and test requirements of 1977 edition, winter 1979 addenda.

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, of Certificate of Authorization No. 10.572 expires June 10, 1996
 Date 10/25/94 GE NF & CM Signed _____
(Manufacturer)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by GE NF & CM at Wilmington, North Carolina
 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 6/20, 1994, and certify 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 10/25/94 Signed Jessie P. Green NC 1231, Ohio: WC 3695 PA
(Authorized Inspector) (Part, Item, S&N, etc.)



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 Fuel & Components Manufacturing (GE NF & CM)
2117 Castle Hayne Road, Wilmington, North Carolina 28402
(Name and address of manufacturer)

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

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

4. Type Vertical 6145 N/A 11203405 G001 Rev 02 N/A 1994
(Type of vessel) (Design's serial No.) (CRN) (Drawing No.) (ASME Div. 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 1992 to 1993 N/A N/A
Code Case No. Special Service per UG-120(d)

6. Shell: SA351 CF8 0.750" 0.005" 7.028" 3 ft. 2.38 inches
(Spec. No., Grade) (Nom. THK. (in.)) (Corr. Allow. (in.)) (Diam. (in.)) (Length (overall) (ft. & in.))

7. Seamer: Seamless N/A
Long. (Welded, Single Lap, Double Lap, Full) RT. (Spot or Full) Ell. (%) RT. Temp. (F) Time (hr) With (Welded, Double Lap, Full) RT. (Spot 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	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., 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. Indicators, inspectors and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Drain or Size	Type	Mat.	Nom. Thickness	Reinforcement Essential	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. No. of welds: No Legs (None) Legs (None) other Band Clamps Attached around approx. middle
(Yes or No) (None) (None) (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, of Certificate of Authorization No. 10.572 expires June 10, 1996
 Date 10/25/94 CE signed GE NF & CM Signed _____
(Manufacturer)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by GE NF & CM at Wilmington, North Carolina
 The undersigned, holding a valid commission issued by the National Board and Pressure Vessel Inspectors and for 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: 9/30, 1994 and
 deem 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 inspection.
 Date 10/25/94 Signed J. P. Evans Commissioned NC 1231, Ohio, WC 3688 PA
(Inspector) (National Board) (State, Prov., or Canada)

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

Designed and certified by General Electric Company Nuclear Fuel & Components Manufacturing (GE NF & CM)
2117 Castle Hayne Road, Wilmington, North Carolina 28402
(Name and address of manufacturer)

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

Location of installation not known
(Name and address)

Type Vertical 6138 N/A 112D3405 G001 Rev 02 N/A 1994
(Horiz. or vert. tank) (Mfg's serial No.) (CFR) (Drawing No.) (Nat'l. Bd. No.) (Year built)

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 1992 to 1993 N/A N/A
Year Address (Date) Code Case Nos. Special Service per UG-120(d)

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. Od. (R. & in.) Length (overall) (R. & in.)

Seams: Seamless RT. (Spot or Full) 0% HT. Temp. (F) N/A Girth (Welded, Dbl. Sing. Lap, Butt) N/A RT. (Spot, Partial, or Full) N/A No. of Courses N/A

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

Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knurled 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. Skirt: No (Yes or No) Legs 0 (No.) Other Band Clamps Attached around approx. middle
(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, 1996

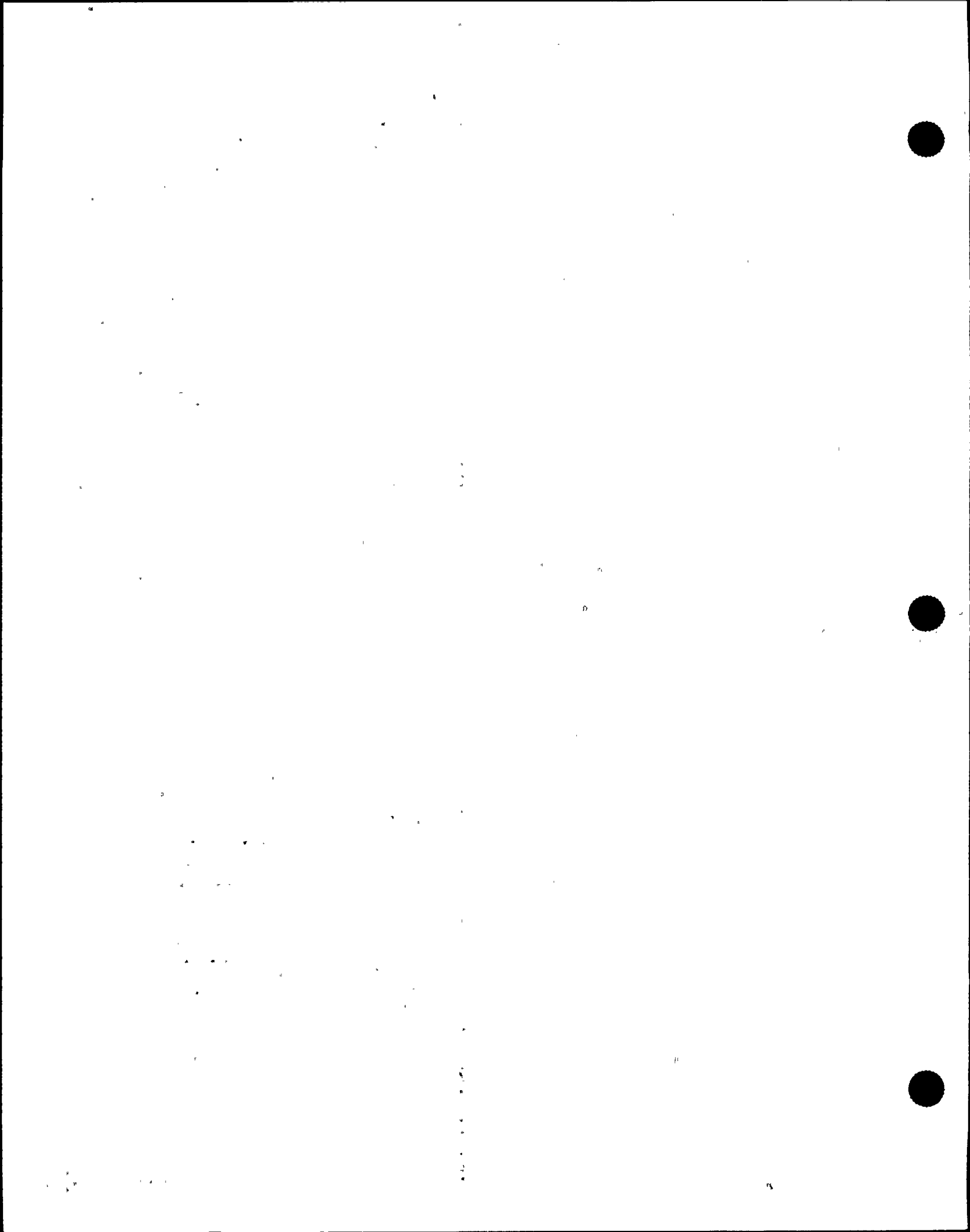
Date 10/25/94 Co. name GE NF & CM (Manufacturer) Signed _____ (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by GE NF & CM 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 6/30, 1994, 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.

Signed 10/25/94 _____ (Authorized Inspector) Commissioned NC 1231, Ohio, WC 3686 PA
(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 Fuel & Components Manufacturing (GE NF & CM)
2117 Castle Hayne Road, Wilmington, North Carolina 28402
(Name and address of manufacturer)

Manufactured for Susquehanna 1 Barwick, Pennsylvania 18603
(Name and address of purchaser)

2. Location of installation not known
(Name and address)

4. Type Vertical 2127 N/A 112D3405 G001 Rev 02 N/A 1992
(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 1989 to 1990 Addenda (Date) N/A Code Case Nos. N/A Special Service per UG-120(d)

6. Shell: SA312 Gr. TP304 0.750" 0.005" 7.028" 3 ft. 2.38 inches
Mat'l. (Spec. No., Grade) (Nom. Thick. (in.)) (Cor. Allow. (in.)) (Diam. LW. (ft. & in.)) (Length (overall) (ft. & in.))

7. Seams: Seamless N/A
Long. (Welded, Dbl., Sngl., Lap, Butt) H.T. (Spot or Full) E.H. (%) H.T. Temp. (F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) H.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.	Ordn. 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: Skirt No Lugs (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 name 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, 1993

Date 05/26/92 Co. name GE NF & CM Signed M. E. Johnson
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by GE NF & CM 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 5/29, 1992, 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 5/26/92 Signed James P. Enver Commissioned NC 1231, Ohio, WC 3686 PA
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)

(06/80)

No. 92-0703
 RECORD PACKAGE
 PAGE 14 OF 131

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

Manufactured and certified by General Electric Company Nuclear Fuel & Components Manufacturing (GE NF & CM)
2117 Castle Hayne Road, Wilmington, North Carolina 28402
(Name and address of manufacturer)

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

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

4. Type Vertical 6141 N/A 112D3405 G001 Rev 02 N/A 1994
(HORIZ. or vert. tank) (Mfg's serial No.) (CFR) (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 1992 to 1993 Addenda (Date) N/A Code Case Nos. N/A Special Service per UG-120(a)

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. Int. (ft. & in.) (Length (overall) (ft. & in.)

7. Seams: Seamless N/A
Long. (Welded, Dbl. Sing. Lap, Butt) RT. (Spot or Full) ET. (%) RT. Temp. (F) Time (hr) Girth (Welded, Dbl. Sing. Lap, Butt) RT. (Spot 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

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

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

11. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, etc.)	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

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, 1996.

Date 10/25/94 Co. Name GE NF & CM (Manufacturer) Signed _____ (Inspector)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by GE NF & CM 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 5/70, 1994, 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 10/25/94 signed Jerome P. Evers (Authorized Inspector) Commission No. NC 1231, Ohio, WC 3686 PA
(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 Pennsylvania Power & Light Co. Date 11/13/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 2
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 WA# V53151 522# 95-261-001
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 261B - Reactor Water Cleanup
5. (a) Applicable Construction See Page 2 19 Edition, Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) 6" GATE VALVE BONNET	ANCHOR DARLING	VALVE S/N E5796-3-2	N/A	HV-244F004	1988	REPLACED	NO
2) 6" GATE VALVE BONNET	ANCHOR DARLING	S/N 1 HT# A593A	N/A	HV-244F004	1995	REPLACEMENT	YES

7. Description of Work Bonnet of HV244F004 was Replaced (RIE 95-0082)
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Page 2
 Other Pressure psi Test Temp. °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 for Replacement Item #2

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. report or replacement

Type Code Symbol Stamp N/A

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

Signed [Signature] Date Nov 20 19 95
Owner or Owner's Designee, Type VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 8/11/95 to 9/7/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 5866 PA 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 28 19 95

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

1. Owner Pennsylvania Power & Light Co.
Name

Date 11/13/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 2 of 2

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

PO Box 467, Berwick, PA 18603
Address

WA# V53151 522# 95-261-001

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

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 261B - Reactor Water Cleanup

5. (a) Applicable Construction See Page 2 19 Edition, Addenda, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1	ASME SEC III; CLASS 1; 1971 EDITION; WINTER 1972 ADDENDA; CODE CASE# 1567
2	ASME SEC III; CLASS 1; 1971 EDITION; WINTER 1972 ADDENDA
Item (s)	Description of Tests
1,2	VT-2 per SE-200-002 (1052 psig @ 11:00 am, 1048 psig @ 11:08 am; 153° F @ 11:00 am, 155° F @ 11:08 am)

FORM N-2 NPT CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PART AND APPURTENANCES*

As required by the Provision of the ASME Code Rules, Section III, Div. 1

1. (a) Manufactured by Anchor/Darling Valve Co., 701 First St., Williamsport, PA 17701
(Name and address of NPT Certificate Holder)

(b) Manufactured for Pennsylvania Power & Light Co., 2 N. 9th St., Allentown, PA 18101
(Name and address of N Certificate Holder for completed nuclear component)

2. Identification-Certificate Holder's Serial No. of Part S/N - 1 Nat'l Bd. No. N/A

(a) Constructed According to Drawing No. C33057 Drawing Prepared by Anchor/Darling Valve Company

(b) Description of Part Inspected Bonnet, Heat No. A593A SA105

(c) Applicable ASME Codes: Section III, Edition 1971, Addenda date Wnt '72, Case No. --- Class 1

3. Remarks: 6"-900#-FW Gate
(Brief description of service for which component was designed)

A/DV Shop Order E-Z394-1

Note: No Bonnet Hydro Performed

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 6/12 1995 Signed Anchor/Darling Valve Co. By R L Stannett
(NPT Certificate Holder)

Certificate of Authorization Expires 4/15/98 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 ~~Massachusetts~~ 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 4-12-95 thru 6-14-95 1995, 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 6-14 1995

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 of this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded in item 3, "Remarks"



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

1. Owner Pennsylvania Power & Light Co. Date 11/13/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 1 of 21
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 262A - Reactor Vessel

5. (a) Applicable Construction See Pages 18,19 19 Edition, Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) SPINDLE ASSY	CROSBY	N/A	N/A	MSRV S/N N83790-00-0089	1981	REPLACED	NO
2) SPINDLE ASSY	CROSBY	K62873-31- 001	N/A	MSRV S/N N83790-00-0089	1993	REPLACEMENT	NO
3) BOTTOM SPRING WASHER	CROSBY	N/A	N/A	MSRV S/N N83790-00-0089	1981	REPAIRED	NO
4) THRUST BEARING ADAPTER	CROSBY	N/A	N/A	MSRV S/N N83790-00-0089	1981	REPAIRED	NO
5) INSERT DISC	CROSBY	N93185-38- 0092	N/A	MSRV S/N N83790-00-0113	1981	REPLACED	NO
6) INSERT DISC	CROSBY	N93185-38- 0106	N/A	MSRV S/N N83790-00-0113	1987	REPLACEMENT	NO

7. Description of Work See Sheet 20

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Sheet 20
 Other Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks Manufacturer's Data Report Attached for Replacement Items #10, 50

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 Nov. 20, 19 95
Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 7/9/95 to 9/18/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7866 PA W 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 28 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 11/10/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 2 of 21
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 262A - Reactor Vessel

5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) NOZZLE	CROSBY	N93184-37-0046	N/A	MSRV S/N N63790-00-0113	1981	REPLACED	NO
8) NOZZLE	CROSBY	N93184-34-0012	N/A	MSRV S/N N63790-00-0113	1987	REPLACEMENT	NO
9) STEM & DISC ASSY	YARWAY	VALVE S/N A9071	N/A	HV241F002	1979	REPLACED	NO
10) STEM & DISC ASSY	YARWAY	D1-K	N/A	HV241F002	1988	REPLACEMENT	YES
11) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0128	N/A	PSV241F013A	1982	REPLACED	YES
12) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0113	N/A	PSV241F013A	1981	REPLACEMENT	YES
13) 1 NUT	CROSBY	N/A	N/A	PSV241F013A	1983	REPLACED	NO
14) 1 NUT	ALLIED NUT AND BOLT	HT# M50526	N/A	PSV241F013A	1995	REPLACEMENT	NO
15) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0129	N/A	PSV241F013C	1982	REPLACED	YES
16) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0084	N/A	PSV241F013C	1981	REPLACEMENT	YES
17) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0132	N/A	PSV241F013E	1982	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 Pennsylvania Power & Light Co. Date 11/10/95
Name

 Two North Ninth St., Allentown, PA 18101 Sheet 3 of 21
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name

 PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name

 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address

Expiration Date N/A

4. Identification of System 262A - Reactor Vessel

5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD:

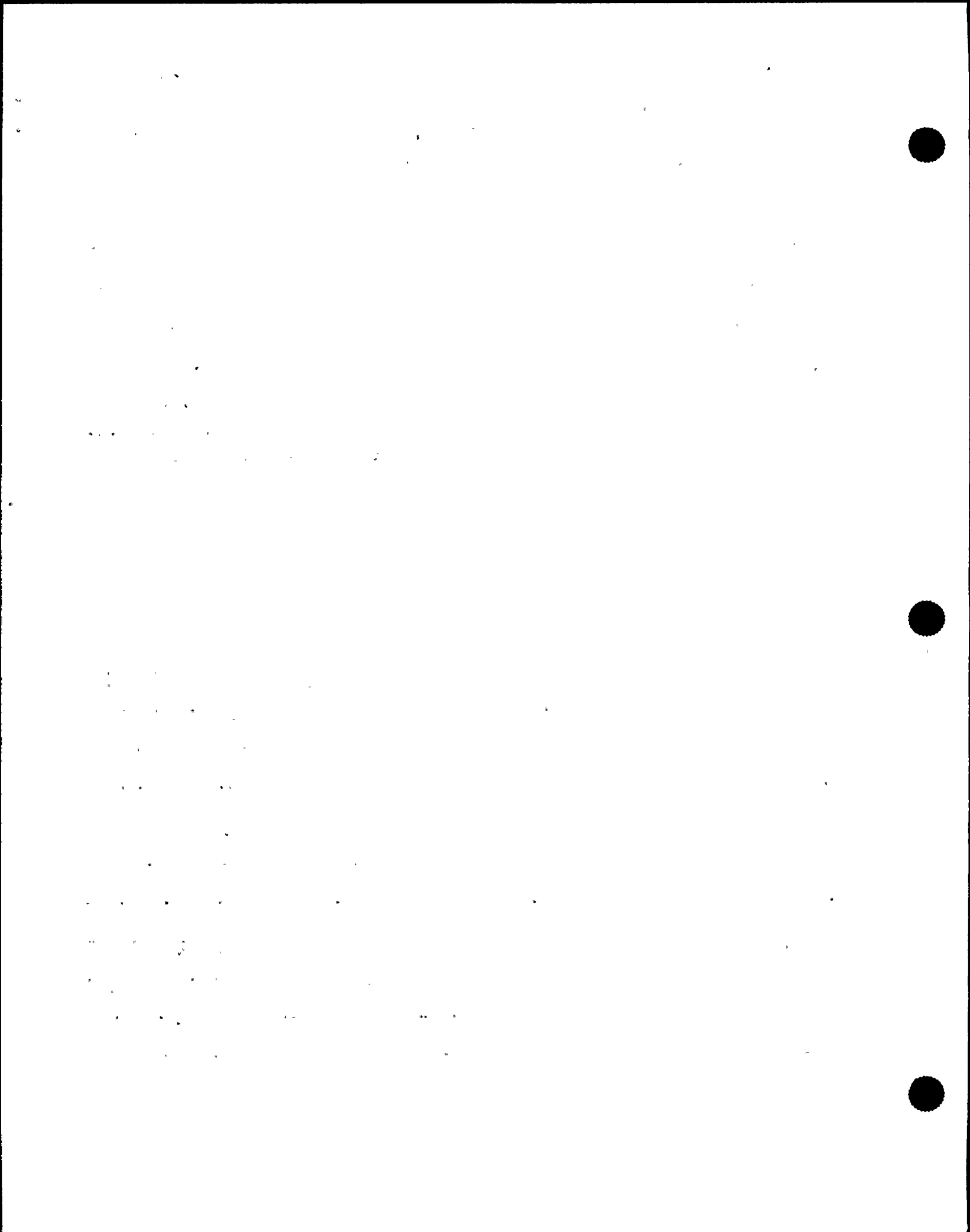
6. Identification of Components Repaired or Replaced and Replacement Components

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) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0030	N/A	PSV241F013E	1980	REPLACEMENT	YES
19) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0020	N/A	PSV241F013G	1980	REPLACED	YES
20) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0091	N/A	PSV241F013G	1981	REPLACEMENT	YES
21) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0112	N/A	PSV241F013H	1981	REPLACED	YES
22) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0090	N/A	PSV241F013H	1982	REPLACEMENT	YES
23) 1 NUT	CROSBY	N/A	N/A	PSV241F013H	1983	REPLACED	NO
24) 1 NUT	ALLIED NUT AND BOLT	HT# M50526	N/A	PSV241F013H	1995	REPLACEMENT	NO
25) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0034	N/A	PSV241F013J	1980	REPLACED	YES
26) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0028	N/A	PSV241F013J	1980	REPLACEMENT	YES
27) 3 NUTS	CROSBY	N/A	N/A	PSV241F013J	1983	REPLACED	NO
28) 3 NUTS	ALLIED NUT AND BOLT	HT# M50526	N/A	PSV241F013J	1995	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 Pennsylvania Power & Light Co. Date 10/31/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 4 of 21
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 262A - Reactor Vessel
5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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 STEAM RELIEF VALVE	CROSBY	N63790-00-0133	N/A	PSV241F013M	1982	REPLACED	YES
30) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0096	N/A	PSV241F013M	1981	REPLACEMENT	YES
31) 1 STUD	CROSBY	N/A	N/A	PSV241F013M	1983	REPALCED	NO
32) 1 STUD	CARDINAL	HT CODE K8	N/A	PSV241F013M	1984	REPLACEMENT	NO
33) 1 NUT	CROSBY	N/A	N/A	PSV241F013M	1983	REPLACED	NO
34) 1 NUT	CAPITOL	HT# MX2374	N/A	PSV241F013M	1985	REPLACEMENT	NO
35) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0023	N/A	PSV241F013P	1980	REPLACED	YES
36) MAIN STEAM RELIEF VALVE	CROSBY	N63790-00-0089	N/A	PSV241F013P	1981	REPLACEMENT	YES
37) CONTROL ROD DRIVE	GENERAL ELECTRIC	A8341	N/A	CRD 14-11	1981	REPLACED	YES
38) CONTROL ROD DRIVE	GENERAL ELECTRIC	A4184	N/A	CRD 14-11	1981	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 Pennsylvania Power & Light Co. Date 10/31/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 5 of 21
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 262A - Reactor Vessel
5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
6. Identification of Components Repaired or Replaced and Replacement Components

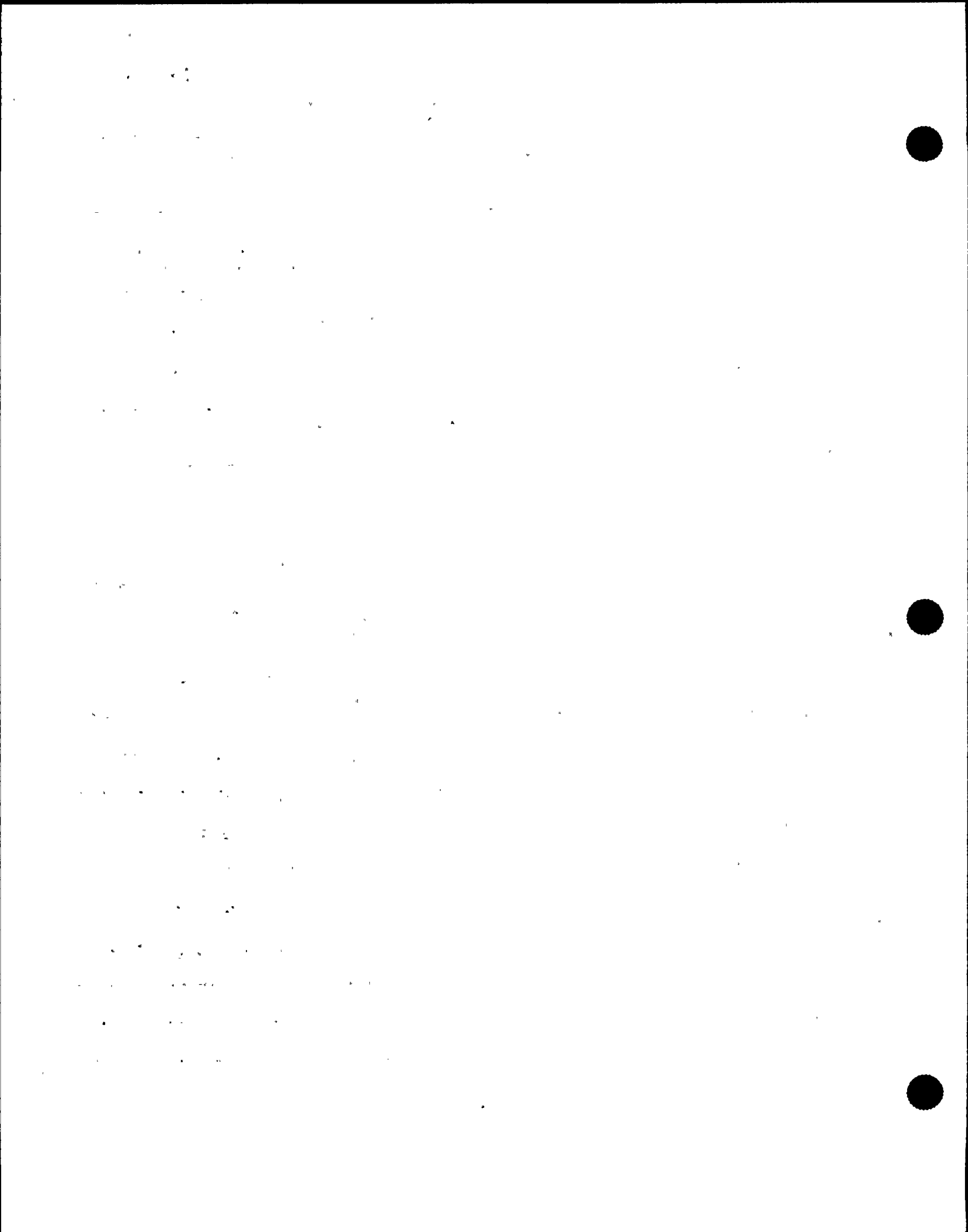
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
39) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 14-11	1981	REPLACED	NO
40) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 14-11	1992	REPLACEMENT	NO
41) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5655	N/A	CRD 30-07	1981	REPLACED	YES
42) CONTROL ROD DRIVE	GENERAL ELECTRIC	A4294	N/A	CRD 30-07	1981	REPLACEMENT	YES
43) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 30-07	1981	REPLACED	NO
44) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 30-07	1992	REPLACEMENT	NO
45) CONTROL ROD DRIVE	GENERAL ELECTRIC	A2337	N/A	CRD 10-11	1981	REPLACED	YES
46) CONTROL ROD DRIVE	GENERAL ELECTRIC	A3949	N/A	CRD 10-11	1981	REPLACEMENT	YES
47) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 10-11	1981	REPLACED	NO
48) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 10-11	1992	REPLACEMENT	NO



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
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1. Owner Pennsylvania Power & Light Co. Date 10/31/95
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Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 262A - Reactor Vessel
5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) CONTROL ROD DRIVE	GENERAL ELECTRIC	7708	N/A	CRD 30-03	1978	REPLACED	YES
50) CONTROL ROD DRIVE	GENERAL ELECTRIC	A9568	N/A	CRD 30-03	1993	REPLACEMENT	YES
51) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 30-03	1981	REPLACED	NO
52) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 30-03	1992	REPLACEMENT	NO
53) CONTROL ROD DRIVE	GENERAL ELECTRIC	A4497	N/A	CRD 26-51	1981	REPLACED	YES
54) CONTROL ROD DRIVE	GENERAL ELECTRIC	A7717	N/A	CRD 26-51	1981	REPLACEMENT	YES
55) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 26-51	1981	REPLACED	NO
56) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 26-51	1992	REPLACEMENT	NO
57) CONTROL ROD DRIVE	GENERAL ELECTRIC	6676	N/A	CRD 10-31	1978	REPLACED	YES
58) CONTROL ROD DRIVE	GENERAL ELECTRIC	A4418	N/A	CRD 10-31	1981	REPLACEMENT	YES



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
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1. Owner Pennsylvania Power & Light Co. Date 10/31/95
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2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 262A - Reactor Vessel

5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 10-31	1981	REPLACED	NO
60) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 10-31	1992	REPLACEMENT	NO
61) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5589	N/A	CRD 14-51	1981	REPLACED	YES
62) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5459	N/A	CRD 14-51	1981	REPLACEMENT	YES
63) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 14-51	1981	REPLACED	NO
64) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 14-51	1992	REPLACEMENT	NO
65) CONTROL ROD DRIVE	GENERAL ELECTRIC	A4627	N/A	CRD 14-55	1981	REPLACED	YES
66) CONTROL ROD DRIVE	GENERAL ELECTRIC	A3958	N/A	CRD 14-55	1981	REPLACEMENT	YES
67) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 14-55	1981	REPLACED	NO
68) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 14-55	1992	REPLACEMENT	NO

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
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1. Owner Pennsylvania Power & Light Co. Date 11/10/95
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2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 262A - Reactor Vessel

5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 89-NO ADD.

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) CONTROL ROD DRIVE	GENERAL ELECTRIC	A4633	N/A	CRD 22-23	1981	REPLACED	YES
70) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5445	N/A	CRD 22-23	1981	REPLACEMENT	YES
71) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 22-23	1981	REPLACED	NO
72) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 22-23	1992	REPLACEMENT	NO
73) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5616	N/A	CRD 30-11	1981	REPLACED	YES
74) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5705	N/A	CRD 30-11	1981	REPLACEMENT	YES
75) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 30-11	1981	REPLACED	NO
76) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 30-11	1992	REPLACEMENT	NO
77) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5457	N/A	CRD 30-23	1981	REPLACED	YES
78) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5587	N/A	CRD 30-23	1981	REPLACEMENT	YES

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
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1. Owner Pennsylvania Power & Light Co. Date 10/31/95
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Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
- PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
- Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 262A - Reactor Vessel
5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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)
79) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 30-23	1981	REPLACED	NO
80) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 30-23	1992	REPLACEMENT	NO
81) CONTROL ROD DRIVE	GENERAL ELECTRIC	A2289	N/A	CRD 30-27	1981	REPLACED	YES
82) CONTROL ROD DRIVE	GENERAL ELECTRIC	A4618	N/A	CRD 30-27	1981	REPLACEMENT	YES
83) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 30-27	1981	REPLACED	NO
84) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 30-27	1992	REPLACEMENT	NO
85) CONTROL ROD DRIVE	GENERAL ELECTRIC	A4229	N/A	CRD 30-31	1981	REPLACED	YES
86) CONTROL ROD DRIVE	GENERAL ELECTRIC	A4524	N/A	CRD 30-31	1981	REPLACEMENT	YES
87) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 30-31	1981	REPLACED	NO
88) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 30-31	1992	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 Pennsylvania Power & Light Co. Date 10/31/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 10 of 21
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 262A - Reactor Vessel
5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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)
89) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5593	N/A	CRD 30-35	1981	REPLACED	YES
90) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5143	N/A	CRD 30-35	1981	REPLACEMENT	YES
91) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 30-35	1981	REPLACED	NO
92) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 30-35	1992	REPLACEMENT	NO
93) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5521	N/A	CRD 34-43	1981	REPLACED	YES
94) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5555	N/A	CRD 34-43	1981	REPLACEMENT	YES
95) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 34-43	1981	REPLACED	NO
96) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 34-43	1992	REPLACEMENT	NO
97) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5162	N/A	CRD 42-19	1981	REPLACED	YES
98) CONTROL ROD DRIVE	GENERAL ELECTRIC	A3579	N/A	CRD 42-19	1981	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 Pennsylvania Power & Light Co. Date 10/31/95
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Two North Ninth St., Allentown, PA 18101 Sheet 11 of 21
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol. None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 262A - Reactor Vessel

5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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)
99) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 42-19	1981	REPLACED	NO
100) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 42-19	1992	REPLACEMENT	NO
101) CONTROL ROD DRIVE	GENERAL ELECTRIC	A4713	N/A	CRD 46-27	1981	REPLACED	YES
102) CONTROL ROD DRIVE	GENERAL ELECTRIC	A3824	N/A	CRD 46-27	1981	REPLACEMENT	YES
103) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 46-27	1981	REPLACED	NO
104) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 46-27	1992	REPLACEMENT	NO
105) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5506	N/A	CRD 46-39	1981	REPLACED	YES
106) CONTROL ROD DRIVE	GENERAL ELECTRIC	8724	N/A	CRD 46-39	1978	REPLACEMENT	YES
107) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 46-39	1981	REPLACED	NO
108) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 46-39	1992	REPLACEMENT	NO

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
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1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 12 of 21
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.

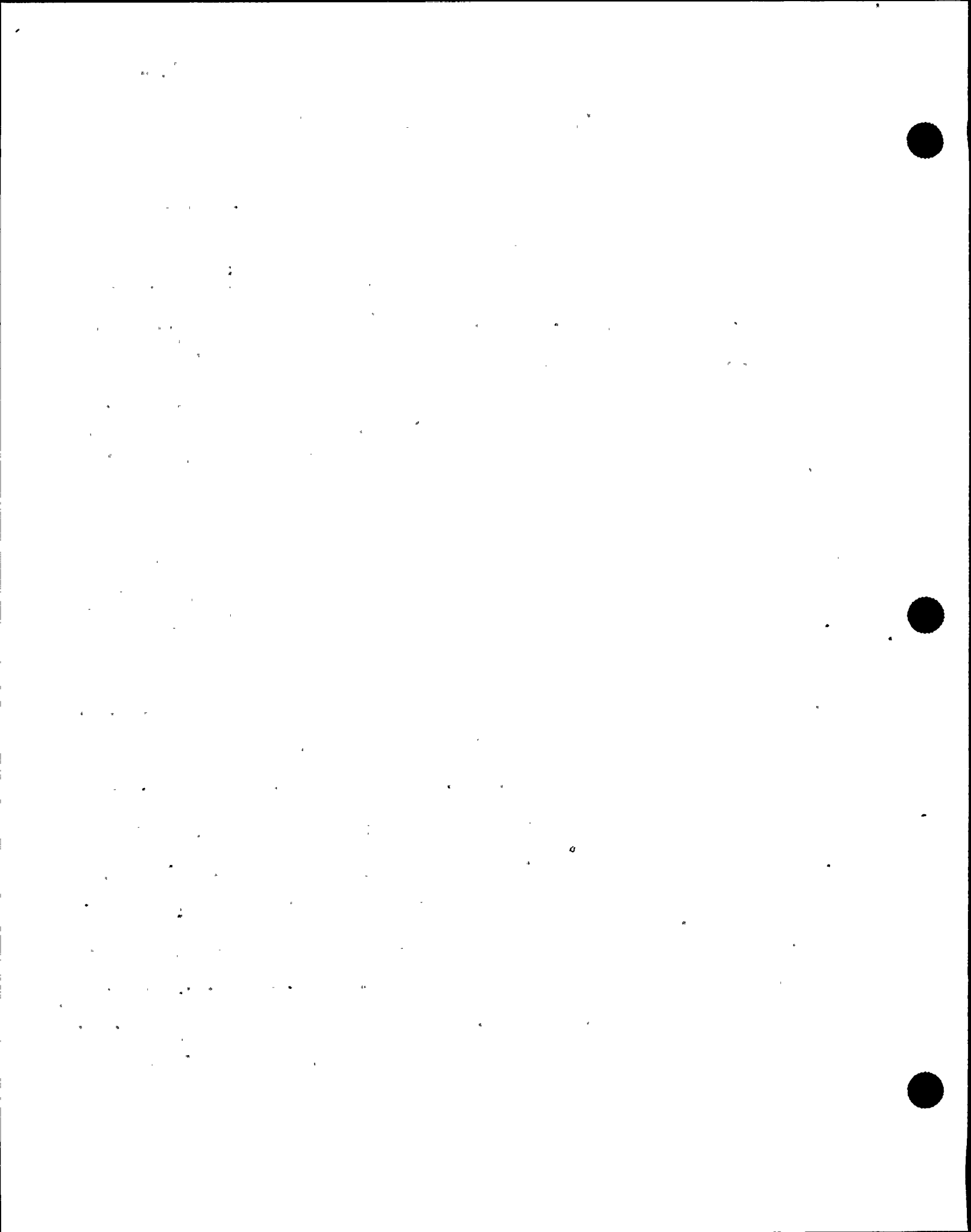
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 262A - Reactor Vessel

5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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)
109) CONTROL ROD DRIVE	GENERAL ELECTRIC	A4314	N/A	CRD 50-11	1981	REPLACED	YES
110) CONTROL ROD DRIVE	GENERAL ELECTRIC	8175	N/A	CRD 50-11	1984	REPLACEMENT	YES
111) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 50-11	1981	REPLACED	NO
112) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 50-11	1992	REPLACEMENT	NO
113) CONTROL ROD DRIVE	GENERAL ELECTRIC	A3839	N/A	CRD 06-19	1981	REPLACED	YES
114) CONTROL ROD DRIVE	GENERAL ELECTRIC	A4662	N/A	CRD 06-19	1981	REPLACEMENT	YES
115) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 06-19	1981	REPLACED	NO
116) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 06-19	1992	REPLACEMENT	NO
117) CONTROL ROD DRIVE	GENERAL ELECTRIC	6490	N/A	CRD 26-07	1978	REPLACED	YES
118) CONTROL ROD DRIVE	GENERAL ELECTRIC	6676	N/A	CRD 26-07	1978	REPLACEMENT	YES



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
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1. Owner Pennsylvania Power & Light Co. Date 10/31/95
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2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 262A - Reactor Vessel

5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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)
119) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 26-07	1981	REPLACED	NO
120) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 26-07	1992	REPLACEMENT	NO
121) CONTROL ROD DRIVE	GENERAL ELECTRIC	6676	N/A	CRD 26-07	1978	REPLACED	YES
122) CONTROL ROD DRIVE	GENERAL ELECTRIC	A2377	N/A	CRD 26-07	1981	REPLACEMENT	YES
123) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 26-07	1992	REPLACEMENT	NO
124) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 26-07	1992	REPLACEMENT	NO
125) 26" MAIN STEAM ISOLATION VALVE	ATWOOD & MORRILL	14-221	N/A	HV241F028D	1974	REPAIRED	YES
126) (3) STUDS	ATWOOD & MORRILL	VALVE S/N 14-221	N/A	HV241F028D	1974	REPLACED	NO
127) (3) STUDS	RONSON MFG	HT# Q68	N/A	HV241F028D	1986	REPLACEMENT	NO
128) (3) NUTS	ATWOOD & MORRILL	VALVE S/N 14-221	N/A	HV241F028D	1974	REPLACED	NO

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
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1. Owner Pennsylvania Power & Light Co. Date 10/31/95
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2. Plant Susquehanna Steam Electric Station Unit 2:
Name
- PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
- Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address
- Expiration Date N/A
4. Identification of System 262A - Reactor Vessel
5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
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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)
129) (3) NUTS	RONSON MFG	HT#Q123	N/A	HV241F028D	1994	REPLACEMENT	NO
130) CONTROL ROD DRIVE	GENERAL ELECTRIC	A4133	N/A	CRD 26-27	1981	REPLACED	YES
131) CONTROL ROD DRIVE	GENERAL ELECTRIC	A5589	N/A	CRD 26-27	1981	REPLACEMENT	YES
132) 8 CRD FLANGE BOLTS	GE MPL 117C4515P002	N/A	N/A	CRD 26-27	1981	REPLACED	NO
133) 8 CRD FLANGE BOLTS	VITCO	P/N 137C9293P001	N/A	CRD 26-27	1992	REPLACEMENT	NO



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
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1. Owner Pennsylvania Power & Light Co. Date 11/3/95
Name
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2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
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Address Expiration Date N/A
4. Identification of System 262A - Reactor Vessel
5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1-4	H20101	93-262-001
5-8	H20101	93-262-002
9,10	P51378	95-262-034
11,12	H40866	95-262-002
13,14	H40866	95-262-033
15,16	H40867	95-262-003
17,18	H40868	95-262-004
19,20	H40869	95-262-005
21,22	H40870	95-262-006
23,24	H40870	95-262-031
25,26	H40871	95-262-007
27,28	H40871	95-262-032
29,30	H40872	95-262-008



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

1. Owner Pennsylvania Power & Light Co.
Name

Date 10/31/95

 Two North Ninth St., Allentown, PA 18101
Address

Sheet 16 of 21

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

 PO Box 467, Berwick, PA 18603
Address

 See Sheets 15, 16, 17
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

 Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System- 262A - Reactor Vessel

5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

31-34	H40872	95-262-030
35,36	H40873	95-262-009
37-40	H40773	95-262-013
41-44	H40787	95-262-019
45-48	H40771	95-262-011
49-52	H40778	95-262-018
53-56	H40777	95-262-017
57-60	H40772	95-262-012
61-64	H40774	95-262-014
65-68	H40775	95-262-015
69-72	H40776	95-262-016
73-76	H40788	95-262-020
77-80	H40789	95-262-021
81-84	H40790	95-262-022
85-88	H40791	95-262-023

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

1. Owner Pennsylvania Power & Light Co. Date 11/3/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 17 of 21
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheets 15, 16, 17
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 262A - Reactor Vessel
5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
6. Identification of Components Repaired or Replaced and Replacement Components

89-92	H40792	95-262-024
93-96	H40793	95-262-025
97-100	H40794	95-262-026
101-104	H40795	95-262-027
105-108	H40796	95-262-028
109-112	H40797	95-262-029
113-116	H40770	95-262-010
117-120	H40798	95-262-035
121-124	H40800	95-262-037
125	V43891	95-262-038
126-129	V43891	95-283-031
130-133	H40799	95-262-036

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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 11/10/95
 Sheet 18 of 21

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

Unit 2:
See Sheets 15, 16, 17
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None
 Authorization N/A
 Expiration Date N/A

4. Identification of System .262A - Reactor Vessel

5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1,3,4,5,7,13,14,23,24,27, 28,31,33,51,59,119	ASME SEC III; CLASS 1; 1971 EDITION; NO ADDENDA
6	ASME SEC III; CLASS1; 1974 EDITION; SUMMER 1975 ADDENDA
2,8,12,15,16,17,18,19, 20,21,22,25,26,29,30,35, 36	ASME SEC III; CLASS 1; 1971 EDITION; NO ADDENDA; CODE CASES 1567 & 1711
11	ASME SEC III; CLASS 1; 1971 EDITION; SUMMER 1972 ADDENDA; CODE CASES 1567 & 1711
32	ASME SEC III; CLASS 1; 1983. EDITION; WINTER 1983 ADDENDA
34	ASME SEC III; CLASS 1; 1983 EDITION; SUMMER 1984 ADDENDA
39,43,47,55,63,67,71,75, 79,83,87,91,95,99,103, 107,111,115,132	ASME SEC III; CLASS 1; 1971 EDITION; WINTER 1972 ADDENDA
37,38,41,42,45,46,53,54, 58,61,62,65,66,69,70,73, 74,77,78,81,82,85,86,89, 90,93,94,97,98,101,102, 105,109,110,113,114,122 130,131	ASME SEC III; CLASS 1; 1971 EDITION; WINTER 1972 ADDENDA; CODE CASE #1361

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for ensuring the integrity of the financial statements and for providing a clear audit trail. The text also mentions that proper record-keeping is essential for identifying and correcting errors in a timely manner.

2. The second part of the document focuses on the role of internal controls in preventing fraud and misstatements. It highlights that a strong internal control system is necessary to ensure that all transactions are properly authorized, recorded, and reviewed. The text also notes that internal controls should be designed to be cost-effective and to provide a reasonable level of assurance.

3. The third part of the document discusses the importance of segregation of duties. It explains that this principle is essential for preventing fraud and for ensuring that no single individual has control over all aspects of a transaction. The text also mentions that segregation of duties should be implemented in a way that is practical and efficient.

4. The fourth part of the document discusses the importance of regular reconciliations. It explains that reconciling accounts and statements is a key component of the accounting process and is essential for ensuring that the financial statements are accurate and complete. The text also notes that reconciliations should be performed on a regular basis and should be reviewed by a supervisor.

5. The fifth part of the document discusses the importance of maintaining up-to-date records. It explains that records should be kept for a sufficient period of time to allow for a complete audit and to provide a clear history of all transactions. The text also mentions that records should be stored in a secure and accessible location.

6. The sixth part of the document discusses the importance of training and education. It explains that all personnel involved in the accounting process should receive appropriate training and education to ensure that they are able to perform their duties accurately and efficiently. The text also notes that training should be ongoing and should cover both technical and ethical aspects of the profession.

7. The seventh part of the document discusses the importance of communication. It explains that clear and effective communication is essential for ensuring that all parties involved in the accounting process are aware of their responsibilities and are able to work together to achieve the organization's goals. The text also mentions that communication should be both internal and external.

8. The eighth part of the document discusses the importance of transparency. It explains that transparency is essential for building trust and for ensuring that the financial statements are accurate and complete. The text also notes that transparency should be maintained throughout the entire accounting process.

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

1. Owner Pennsylvania Power & Light Co.
Name

Date 11/10/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 19 of 21

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

PO Box 467, Berwick, PA 18603
Address

See Sheets 15, 16, 17
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 262A - Reactor Vessel

5. (a) Applicable Construction See Sheets 18, 19 19 Edition, Addenda, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
40,44,48,52,56,60,64,68, 72,76,80,84,88,92,96,100 104,108,112,116,120, 123,124,133	ASME SEC III; CLASS 1; 1986 EDITION; NO ADDENDA
49,57,106,117,118,121	ASME SEC III; CLASS 1; 1971 EDITION; NO ADDENDA; CODE CASE #1361
50	ASME SEC III; CLASS 1; 1974 EDITION; WINTER 1975 ADDENDA; CODE CASE #1361-2
9,10,25,126	ASME SEC III; CLASS 1; 1974 EDITION; WINTER 1974 ADDENDA
127	ASME SEC III; CLASS 1; 1971 EDITION; SUMMER 1971 ADDENDA; CODE CASE #1535-2
128,129,	ASME SEC III; CLASS 1; 1971 EDITION; SUMMER 1971 ADDENDA

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

1. Owner <u> Pennsylvania Power & Light Co. </u> <small style="margin-left: 100px;">Name</small> <u> Two North Ninth St., Allentown, PA 18101 </u> <small style="margin-left: 100px;">Address</small>	Date <u> 11/13/95 </u> Sheet <u> 20 </u> of <u> 21 </u>
2. Plant <u> Susquehanna Steam Electric Station </u> <small style="margin-left: 100px;">Name</small> <u> PO Box 467, Berwick, PA 18603 </u> <small style="margin-left: 100px;">Address</small>	Unit <u> 2: </u> <u> See Sheets 15, 16, 17 </u> <small style="margin-left: 100px;">Repair Organization P.O. No., Job No., etc.</small>
3. Work Performed by <u> Pennsylvania Power & Light Co. </u> <small style="margin-left: 100px;">Name</small> <u> Two North Ninth St., Allentown, PA 18101 </u> <small style="margin-left: 100px;">Address</small>	Type Code Symbol <u> None </u> Authorization <u> N/A </u> Expiration Date <u> N/A </u>
4. Identification of System <u> .262A - Reactor Vessel </u>	
5. (a) Applicable Construction <u> See Sheets 18, 19 </u> 19 <u> </u> Edition, <u> </u> Addenda, <u> </u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u> '89 NO ADD. </u>	
6. Identification of Components Repaired or Replaced and Replacement Components	

Item (s)	Description of Work
1-8	REPLACEMENT OF PARTS DURING REWORK AT WYLE LABS
11,12,15,16,17,18,19,20,21,22,25,26,29,30,35,36	REPLACEMENT OF MAIN STEAM RELIEF VALVES FOR PERIODIC TESTING
13,14,23,24,27,28,31,32,33,34	REPLACEMENT OF NUTS AND/OR STUDS DAMAGED DURING MSRV REPLACEMENT
37-124, 130-133	REPLACE CRD DUE TO DEGRADED PERFORMANCE
9,10	DURING REWORK IT WAS FOUND NECESSARY TO REPLACE THE STEM & DISC ASSY OF HV241F002
125-129	MSIV SEAL WELD TO PREVETN BODY-TO-BONNET LEAKING; WHILE WORK WAS BEING PERFORMED 3 NUTS WERE OVER TORQUED AND WERE REPLACED ALONG WITH THE STUDS AS A PREVENTIVE MEASURE
Item (s)	Description of Tests
1-8	TESTING WAS COMPLETED BY INSTALLATION DUCUMENTS (VT-1 FOR INLET BOLTING, AND VT-2 PER SE-200-002 FOR INLET FLANGE)
11-36	VT-1 FOR INLET BOLTING AND VT-2 PER SE-200-002 (INLET FLANGE)
37-124, 130-133	VT-1 FOR CAP SCREWS AND VT-2 PER SE-200-002
9,10	VT-2 DURING SE-200-002
127-131	NO CODE TESTING REQUIRED

SE-200-002 WAS RAN UNDER THE FOLLOWING CONDITIONS - 1052 psig @ 11:00 am, 1048 psig @ 11:08 am;
153° F @ 11:00 am 155° F @ 11:08 am

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

1. Owner	<u> Pennsylvania Power & Light Co. </u> <small>Name</small>	Date	<u> 10/31/95 </u>
	<u> Two North Ninth St., Allentown, PA 18101 </u> <small>Address</small>	Sheet	<u> 21 </u> of <u> 21 </u>
2. Plant	<u> Susquehanna Steam Electric Station </u> <small>Name</small>	Unit	<u> 2: </u>
	<u> PO Box 467, Berwick, PA 18603 </u> <small>Address</small>		<u> See Sheets 15, 16, 17 </u>
			<small>Repair Organization P.O. No., Job No., etc.</small>
3. Work Performed by	<u> Pennsylvania Power & Light Co. </u> <small>Name</small>	Type Code Symbol	<u> None </u>
	<u> Two North Ninth St., Allentown, PA 18101 </u> <small>Address</small>	Authorization	<u> N/A </u>
		Expiration Date	<u> N/A </u>
4. Identification of System	<u> 262A - Reactor Vessel </u>		
5. (a) Applicable Construction	<u> See Sheets 18, 19 </u>	19	<u> Edition, </u> Addenda, <u> Code Case </u>
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements	<u> '89 NO ADD. </u>		
6. Identification of Components Repaired or Replaced and Replacement Components			

NOTES

1) ITEMS 1 THROUGH 8 WERE REPLACED AT WYLE LABS BEFORE UNIT 1 SEVENTH REFUEL OUTAGE AND INSTALLED DURING THAT OUTAGE. THE NIS'2 WAS NOT COMPLETED AT THAT TIME FOR WORK DONE AT WYLE LABS ON THESE TWO VALVES. THE VALVES HAVE SINCE BEEN REMOVED FROM UNIT 1 AND HAVE BEEN INSTALLED IN UNIT 2 DURING THIS OUTAGE.

2) CONTROL ROD DRIVE S/N 8724 WAS RECORDED AS BEING INSTALLED IN LOCATION 30-31 DURING UNIT 2 THIRD REFUEL AND INSPECTION OUTAGE. 8724 WAS REPLACED WITH A4229 DURING THAT SAME OUTAGE. THE LATTER REPLACEMENT WAS NOT RECORDED ON AN NIS-2. DURING THIS OUTAGE 8724 WAS PLACED IN LOCATION 46-39 AND A4229 WAS REMOVED FROM LOCATION 30-31.



FORM N-2 NPT CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PART AND APPURTENANCES*
As required by the Provision of the ASME Code Rules, Section III, Div. I

1. Manufactured & Certified by : General Electric Company Nuclear Fuel & Components Manufacturing (GENF 3 CM)
2117 Castle Hayne Road, Wilmington, North Carolina 28401
(Name and Address of NPT Certificate Holder)
- (b) Manufactured for : Susquehanna 1 Berwick, Pennsylvania 18603
(Name and Address of N Certificate Holder for completed nuclear component)
2. Identification - Certificate Holder's S/N of Part : A9568 Nat'l Bd. No. N/A
- (a) Constructed According to Drawing No: 919D258G003 Rev 18 Dwg. Prepared by D. L. Peterson
- (b) Description of Part Inspected: Cylinder Tube & Flange
- (c) Applicable ASME Code: Section III, Edition 1974, Addenda Date W'75, Case No. 1361-2 Class 1
3. REMARKS: Standard part for use with Reactor. Hydrostatically tested at 1825 psf. min.
(Brief description of service for which component was designed)

Sheet 1 of 1

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

Date: 12/14/93 Signed GE-NEBG-NF & CM-OA By [Signature]
(NPT Certificate Holder) (ASME QA Representative)

Certificate of Authorization Expires: 6/16/96 Certification of Authorization No. : NPTN-1151

Certification of Design for Appurtenance

Design information on file at GE Company, San Jose, California

Stress analysis report on file at GE Company, San Jose, California

DC22A6253 Rev. 1
Design specification certified by Blom Haaberg Prof. Eng. State Calif. Reg. No. 15570

DC22A6254 Rev 1
Stress analysis report certified by Edward Yoshio Prof. Eng. State Calif. Reg. No. M018646

Certification of Shop Inspection

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Inspectors and/or State or Province of North Carolina and employed by Department of Labor of State of North Carolina inspected the part of a pressure vessel described in this Partial Data Report on 12/7, 1993 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 the Partial Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damages or a loss of any kind arising from or connected with this inspection.

12/14, 1993 [Signature] NC 1231, Ohio, WC 3686 PA
Date Inspector's Signature National Board, State, Province And No.

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

FORM N-2 NPT CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PART AND APPURTENANCES*
As required by the Provision of the ASME Code Rules, Section III, Div. I

Manufactured & Certified by General Electric Company Nuclear Fuel & Components Manufacturing (GE NF 3 CM)
2117 Castle Hayne Road, Wilmington, North Carolina 28401
(Name and Address of NPT Certificate Holder)

(b) Manufactured for : Susquehanna 1 Berwick, Pennsylvania 18603
(Name and Address of N Certificate Holder for completed nuclear component)

2. Identification - Certificate holder's S/N of Part : A9568 Nat'l Bd. No. N/A

(a) Constructed According to Drawing No: 919D258G003 Rev 18 Dwg. Prepared by D. L. Peterson

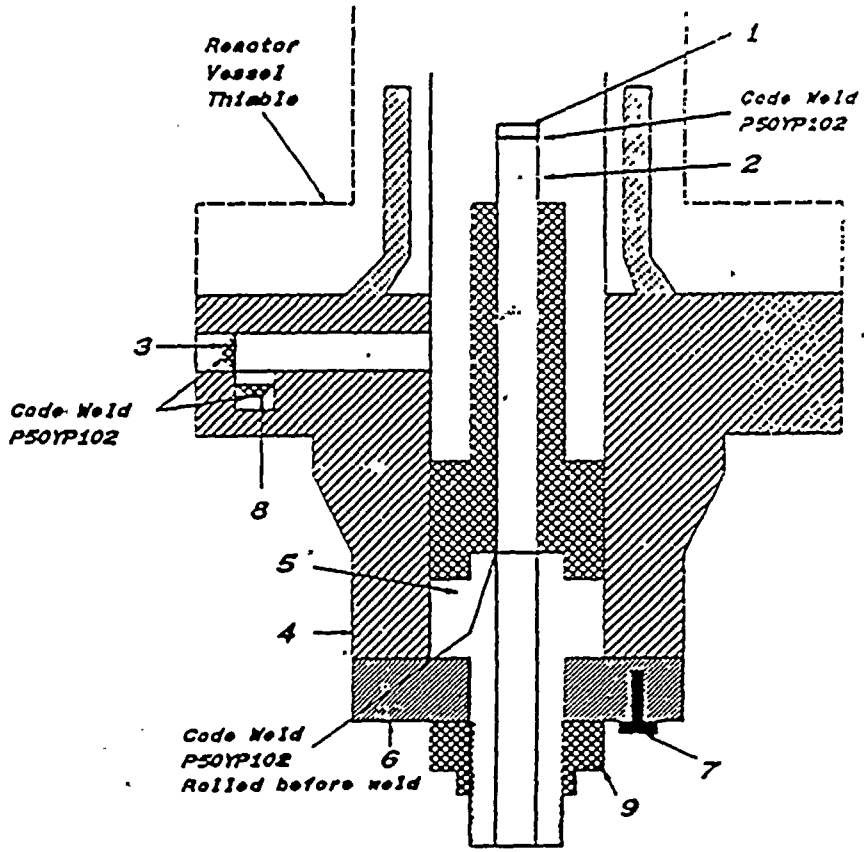
(b) Description of Part Inspected: Cylinder Tube & Flange

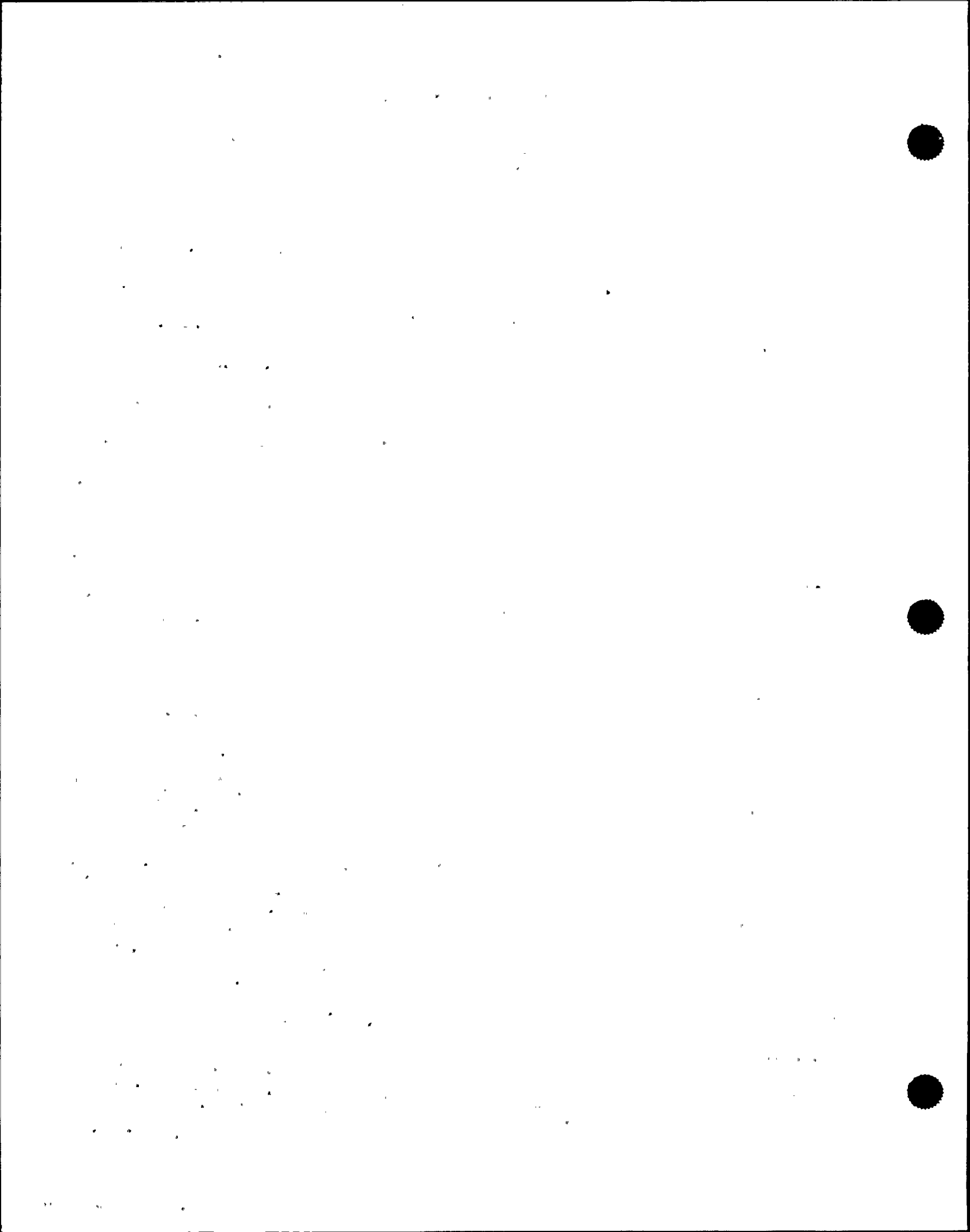
(c) Applicable ASME Code: Section III, Edition 1974, Addenda Date W'75, Case No. 1361-2 Class 1

3. REMARKS: Standard part for use with Reactor. Hydrostatically tested at 1825 psi. min.
(Brief description of service for which component was designed)

Sheet 2 of 2

1. Cap 166B9274P001
SA182 - TP316
3/8" thick x 1 1/16" OD.
2. Indicator Tube 167B4908P001
SA312 - TP316
3/4" sch 40 - seamless pipe
0.113" wall thickness
1.065" max. dia.
3. Plug 159A1176P001
SA182 - F304
1/4" thick x 0.812" OD
4. Flange 919D610P001 (719E474)
SA182 - F304
3.37" thick x 9 5/8" OD
5. Head 129B3539P005
SA182 - F304
7/8" thick x 2.875" dia.
6. Ring Flange 114B5122P002
SA182 - F304
1" thick x 5.0" OD x 1.75" ID
7. Cap Screw 117C4516P002
SA193 - B6
6 ea. 1/2" dia. on 4 1/8" bolt circle.
8. Plug 175A7961P001
SA182 - F304
0.38" thick x 1.307" dia.
9. Nut 114B5160P001
XM - 19 SA479
1.30" thick x 2.62" dia.





(a) Manufactured by YARWAY CORPORATION, BLUE BELL, PA 19422
(Name and address of NPT Certificate Holder)

(b) Manufactured for PENNSYLVANIA POWER & LIGHT CO., SUSQUEHANNA STEAM ELECTRIC STATION
(Name and address of N Certificate Holder for completed nuclear component)

2. Identification-Certificate Holder's Serial No. of Part D1-K / Nat'l Bd. No. ---

(a) Constructed According to Drawing No. 954791 Drawing Prepared by YARWAY CORPORATION

(b) Description of Part Inspected STEM ASSEMBLY 2" - 5500B QUANTITY: 1

(c) Applicable ASME Code: Section III, Edition 1974, Addenda date WINTER 1974, Case No. --- Class *1

3. Remarks: RENEWAL PARTS FOR NUCLEAR MANUAL GLOBE VALVES
(Brief description of service for which component was designed)

MATERIAL: AMS 5385

DESIGN PRESSURE: 1500 PSI

HYDROSTATIC TEST PROCEDURE: 3600 PSI

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 JANUARY 19 19 82 Signed YARWAY CORPORATION By *A.W. Volger*
(NPT Certificate Holder) ORIGINAL SIGNED BY W.A. VOLGER

Certificate of Authorization Expires NOVEMBER 14, 1983 Certificate of Authorization No. NPT 2450

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at BECHTEL POWER CORPORATION

* Stress analysis report on file at PENNA. POWER & LIGHT CO.

Design specifications certified by JOHN R. SCHMIEDEL Prof. Eng. State PA Reg. No. 1(*&)E

* Stress analysis report certified by GEORGE J. LOOS Prof. Eng. State NJ Reg. No. 23225

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 ARKWRIGHT MUTUAL INSURANCE of NORWOOD, MA* have inspected the part of a pressure vessel described in this Partial Data Report on JANUARY 18 19 82 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 APR 11 1988 FACTORY MUTUAL SYSTEM

Jim Linko Commissions R. 2006
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 (a) on this form is not duplicated, and (3) each sheet is numbered and number of sheets is provided in item 2. "Remarks".

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for ensuring the integrity of the financial statements and for providing a clear audit trail.

2. The second part of the document outlines the various methods used to collect and analyze data. It includes a detailed description of the sampling techniques employed and the statistical tests used to evaluate the results.

3. The third part of the document presents the findings of the study. It shows that there is a significant correlation between the variables being studied, and that the results are consistent with the hypotheses.

4. The fourth part of the document discusses the implications of the findings and provides recommendations for future research. It suggests that further studies should be conducted to explore the relationship between the variables in greater detail.

5. The fifth part of the document concludes the study and summarizes the key points. It reiterates the importance of accurate record-keeping and the value of the data analysis techniques used.



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

1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 5
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 264B - Recirc Water Loops and Jet Pumps

5. (a) Applicable Construction See Page 4 19 Edition, Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) REACTOR RECIRC PUMP SEAL	BYRON JACKSON	793-W-5468	N/A	2P401A	1981	REPLACED	YES
2) REACTOR RECIRC PUMP SEAL	BYRON JACKSON	711-S-0804	N/A	2P401A	1974	REPLACEMENT	YES
3) REACTOR RECIRC PUMP SEAL	BYRON JACKSON	711-S-0804	N/A	2P401A	1974	REPLACED	YES
4) REACTOR RECIRC PUMP SEAL	BYRON JACKSON	793-W-5468	N/A	2P401A	1981	REPLACEMENT	YES
5) REACTOR RECIRC PUMP SEAL	BYRON JACKSON	841-W-4628	N/A	2P401B	1985	REPLACED	YES
6) REACTOR RECIRC PUMP SEAL	BYRON JACKSON	711-S-0803	N/A	2P401B	1975	REPLACEMENT	YES

7. Description of Work See Page 5

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Page 5
 Other Pressure psi Test Temp. °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 for Replacement Item #2, 4, 6, & 8

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 Nov. 20, 19 95

Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 10/14/95 to 10/15/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 PAUC 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 28 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 5
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 264 - Recirc. Water Loops and Jet Pumps

5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) 1" GLOBE VALVE	BORG WARNER	17695	N/A	243F041B	1976	REPLACED	YES
8) 1" GLOBE VALVE	YARWAY	C0599	N/A	243F041B	1990	REPLACEMENT	YES
9) 3/4" LEAK OFF LINE FROM HV-234F023B	BECHTEL	N/A	N/A	SP-DCA-250-1	1983	REPAIRED	NO

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

1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 3 of 5
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 264 - Recirc. Water Loops and Jet Pumps

5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1,2	V53004	95-264-001
3,4	V53276	95-264-004
5,6	V53104	95-264-002
7,8	V13416	95-264-003
9	V53752	95-264-009

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

1. Owner <u> Pennsylvania Power & Light Co. </u> <small style="margin-left: 100px;">Name</small> <u> Two North Ninth St., Allentown, PA 18101 </u> <small style="margin-left: 100px;">Address</small>	Date <u> 10/31/95 </u> Sheet <u> 4 </u> of <u> 5 </u>
2. Plant <u> Susquehanna Steam Electric Station </u> <small style="margin-left: 100px;">Name</small> <u> PO Box 467, Berwick, PA 18603 </u> <small style="margin-left: 100px;">Address</small>	Unit <u> 2: </u> <u> See Page 3 </u> <small style="margin-left: 100px;">Repair Organization P.O. No., Job No., etc.</small>
3. Work Performed by <u> Pennsylvania Power & Light Co. </u> <small style="margin-left: 100px;">Name</small> <u> Two North Ninth St., Allentown, PA 18101 </u> <small style="margin-left: 100px;">Address</small>	Type Code Symbol <u> None </u> Authorization <u> N/A </u> Expiration Date <u> N/A </u>
4. Identification of System <u> 264 - Recirc. Water Loops and Jet Pumps </u>	
5. (a) Applicable Construction <u> See Page 4 </u> 19 <u> </u> Edition, <u> </u> Addenda, <u> </u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u> '89 NO ADD. </u>	
6. Identification of Components Repaired or Replaced and Replacement Components	

Item (s)	Applicable Construction Code
1,2,3,4,6	ASME SEC III; CLASS 1; 1971 EDITION; SUMMER 1971 ADDENDA
5	ASME SEC III; CLASS 1; 1980 EDITION; WINTER 1980 ADDENDA
7	ASME SEC III; CLASS 1; 1974 EDITION; WINTER 1974 ADDENDA
8	ASME SEC III; CLASS 1; 1986 EDITION; NO ADDENDA
9	ASME SEC III; CLASS 1; 1971 EDITION; WINTER 1972 ADDENDA

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

1. Owner Pennsylvania Power & Light Co.
Name

Date 10/31/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 5 of 5

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

PO Box 467, Berwick, PA 18603
Address

See Page 3

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

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 264 - Recirc. Water Loops and Jet Pumps

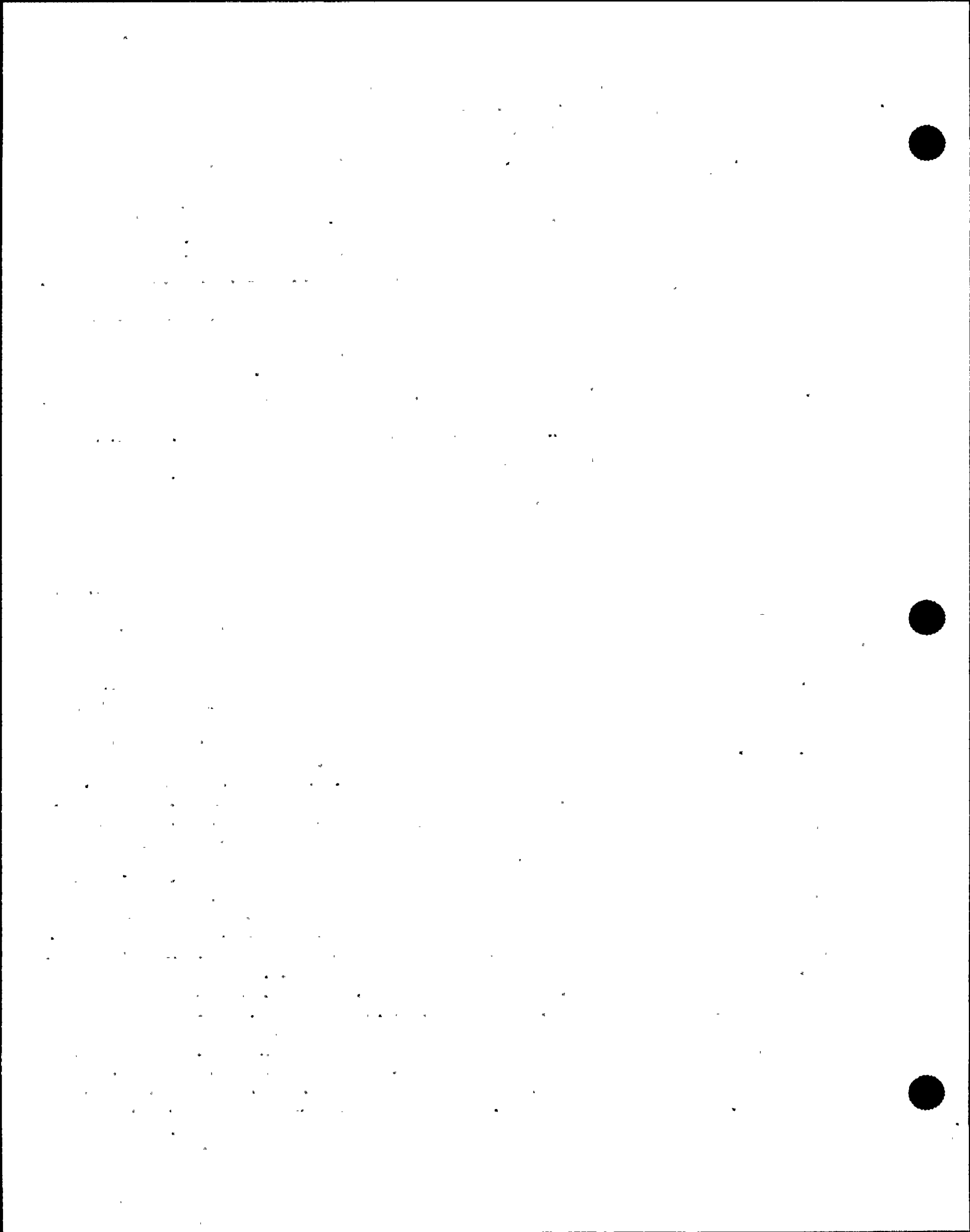
5. (a) Applicable Construction See Page 4 19 Edition, Addenda, Code Case

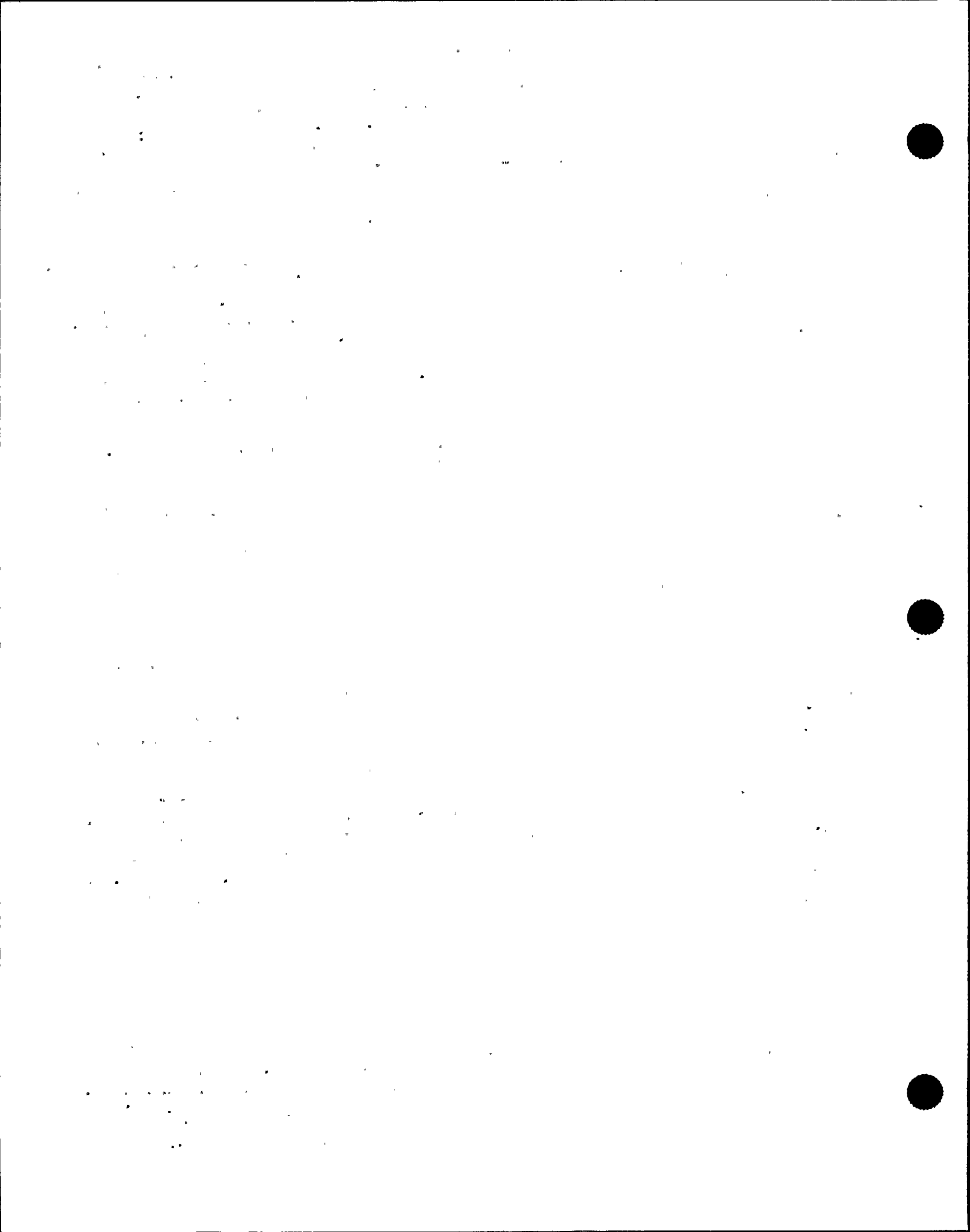
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1,2	RECIRC PUMP SEAL CAVITY EXPERIENCING PRESSURE OSCILLATIONS; SEAL WAS REPLACED
3,4,5,6	THE MECHANICAL SEAL OF 2P401A AND 2P401B WERE REPLACED
7,8	243F041B WAS REPLACED DUE TO PACKING GLAND BEING GALLED DURING REPACK; RIE92-0248
9	LEAK WAS DETECTED DURING SE-200-002; WELD WAS REMOVED AND REWELDED
Item (s)	Description of Tests
1,2	NONE (NO VT-2 REQUIRED PER EWR M30216)
3,4,5,6	VT-2 PER SE-200-002
7,8,9	NO CODE PRESSURE TESTING REQUIRED

SE-200-002 WAS RAN UNDER THE FOLLOWING CONDITIONS - 1052 psig @ 11:00 am, 1048 psig @ 11:08 am;
153° F @ 11:00 am 155° F @ 11:08 am





Mark No.	PART	Material Spec. No.	Manufacturer	Part No. / ROUTE CARD
(c)	Boltins			
	Case Studs	2-6 SA-540 B23 CL41		104275
	Case Nuts	2-10 SA-194 GR 7		104276
	Seal Flg. Cap Screw	10-13 SA-540 B23 CL41		97494
(d)	Other Parts			
	Ht. Exch. Assembly	2-2-5 N/A	Western Pipe	37809
	Cover Outer Shell	2-1-1 SA-240 TP 304		106700
	Cover Ring	2-1-3 SA-240 TP 304		104035
	Top Ring	2-2-9 SA-240 TP 304		103238-A
	Bottom Ring	2-2-2 SA-240 TP 304		103235
	Ht. Exch. Inner Shell	2-2-6 SA-240 TP 304		107420
	Ht. Exch. Outer Shell	2-2-7 SA-240 TP 304		103321-A
	Ht. Exch. Coil	2-2-5 SA-213 TP 304		37809
	Plug	2-1-5 SA-479 TP 304		104037
	Union	2-2-18 SA-182 F 304		14251
	Reducer	2-2-19 SA-479 TP 304		45130
	Pipe	2-2-20 SA-312 TP 304		107838

REPROD. COPY

9. Hydrostatic test 2340 psi.

CERTIFICATION OF DESIGN

Design information on file at Byron Jackson Pump Division
 Stress analysis report on file at Byron Jackson Pump Division
 Design specifications certified by C.R. Oak (1) Prof. Eng. State Ca. Reg. No. 15214
 Stress analysis report certified by Rowland E. Ball (1) Prof. Eng. State Ca. Reg. No. 5765
 (1) Signature not required; List name only.

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

Date June 20 1974 Signed Byron Jackson Pump Div. by Carl W. Hummelma
 (Manufacturer) MGR, QA.

Certificate of Authorization No. N-688 expires Sept. 11, 1976

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 California and employed by Division of Industrial Safety of California have inspected the equipment described in this Data Report on June 21 1974, 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.

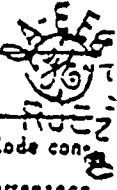
By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss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

Date June 21 1974

Carl W. Hummelma (Inspector) Commissions Calif 303, Penn W.C. 2096
 (National Board, State, Province and No.)

2508 0533

1. (a) Manufactured by BYRON JACKSON PUMP DIV P.O. Box 2017, TERMINAL ANNEX, LOS ANGELES, CALIF.
(Name and address of Manufacturer of part)
- (b) Manufactured for GENERAL ELECTRIC CO. 175 CURTISS AVE. SAN JOSE, CALIF.
(Name and address of Manufacturer of completed nuclear component)
2. Identification-Manufacturer's Serial No. of Part 793-W-5468 Nat'l Bd. No. N/A
 - (a) Constructed According to Drawing No. E-3429-A Drawing Prepared by BYRON JACKSON PUMP
 - (b) Description of Part Inspected SEAL CARTRIDGE ASSEMBLY
 - (c) Applicable ASME Code: Section III, Edition 1971, Addenda date 5/71, Case No. N/A Class 1
3. Remarks: SEAL CARTRIDGE ASSEMBLY FOR PUMP SERIAL NO. 711-S-0801
(Brief description of service for which component was designed)
PENNSYLVANIA POWER AND LIGHT CO., BERWICK, PENNSYLVANIA



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 21 MAY 1981 Signed BYRON JACKSON PUMP By R. Brown 21, MAY 1981
(Manufacturer)

Certificate of Authorization Expires 16 JUNE 1981 Certificate of Authorization No. 1131

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 CA and employed by ABO NBS MUTUAL INS CO of WALTHAM, MASS. have inspected the part of a pressure vessel described in this Manufacturer's Partial Data Report on 5/21 1981, 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.

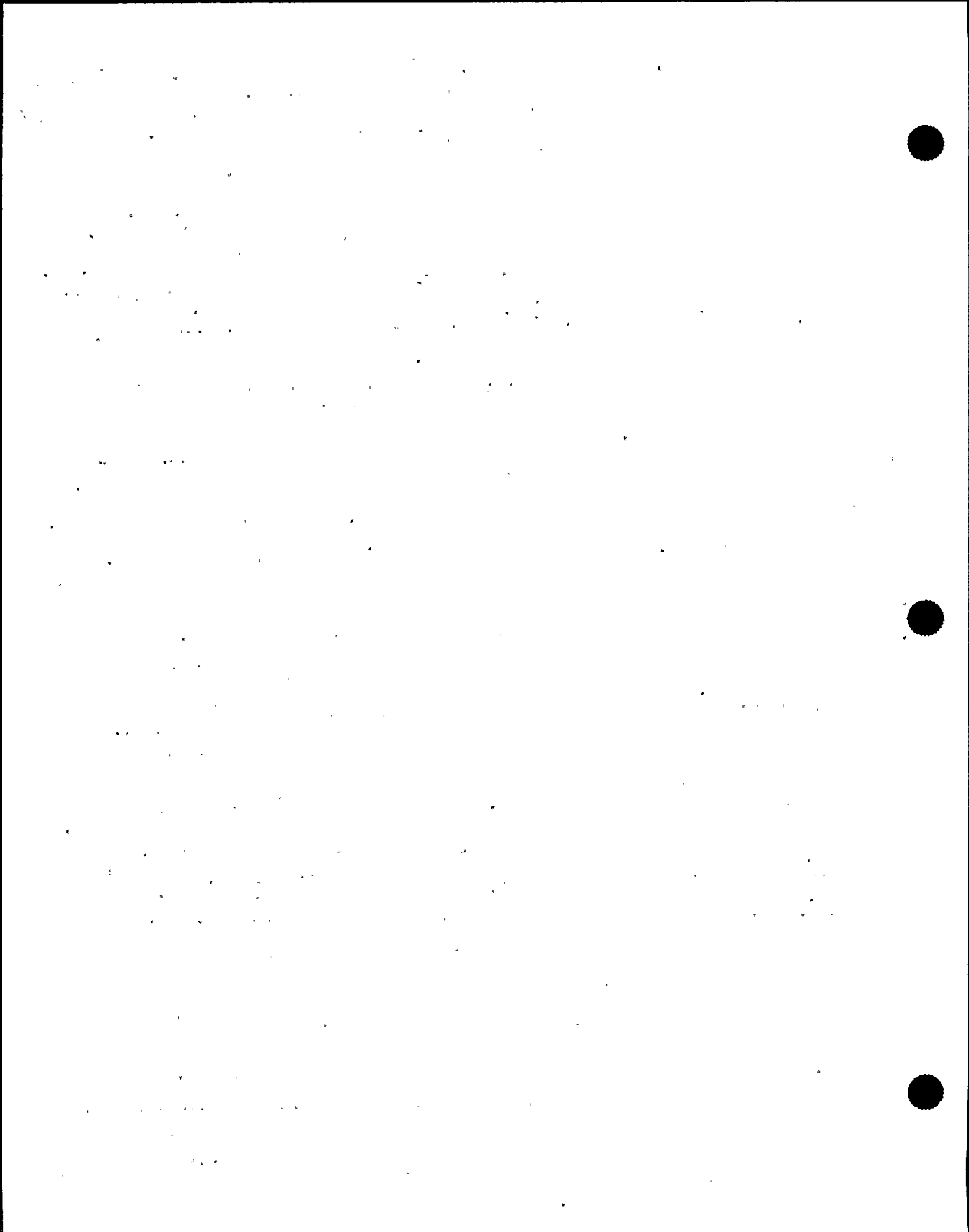
By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the part described in this Manufacturer's Partial Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property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

Date 5/21 1981

[Signature]
 Inspector's Signature

Commission CA 1126 PA W 2200
 National Board, State, Province and No.

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



Mark No.	PART #	Material Spec. No.	Manufacturer	ROUTING CARD #
(c) Bolting				
Case Studs	2-6	SA-540 GRB23C1/2		104275
Case Nuts	2-10	SA-194 G27		104276-45985
Seal Flg. Cap Screws	10-13	SA-540 GRB23C1/2		45123-45984
(d) Other Parts				
Ht. Exch. Assembly	2-2-5	NA	Western Pipe	37810
Cover Outer Shell	2-1-1	SA-240 TP-304		106715
Cover Ring	2-1-3	SA-240 TP-304		104035
Top Ring	2-2-9	SA-240 TP-304		103288A
Bottom Ring	2-2-2	SA-240 TP-304		103285A
Ht. Exch. Inner Shell	12-2-6	SA-240 TP-304		107419
Ht. Exch. Outer Shell	12-2-7	SA-240 TP-304		103335A
Ht. Exch. Coil	2-2-5	SA-213 TP-304		37810
Plug	2-1-5	SA-479 TP-304		104037
Union	2-2-18	SA-182 F-304		14351
Reducer	2-2-19	SA-479 T-304		45130
Pipe	2-2-20	SA-312 T-304		107936

RECOMM. ONLY

S. Hydrostatic test 2340 psi.

CERTIFICATION OF DESIGN

Design information on file at Byron Jackson Pump Division
 Stress analysis report on file at Byron Jackson Pump Division
 Design specifications certified by C.R. Oak (1) Prof. Eng. State Ca. Reg. No. 35214
 Stress analysis report certified by Rowland E. Ball (1) Prof. Eng. State Ca. Reg. No. 5765
 (1) Signature not required. List name only.

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

Date April 18 1975 Signed Byron Jackson Pump Div By A. J. Pick
 (Manufacturer)

Certificate of Authorization No. N-688 expires Sept. 11, 1976

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 California and employed by Division of Industrial Safety of California have inspected the equipment described in this Data Report on 4-25-1975, 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 4-25-1975

E. H. Cabell
 (Inspector)

Commissions Calif. 703, Penn WC 2096
 National Board, State, Province and No.

2508 0511



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 MSH (ANSI) 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.
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.

FORM NPV-1 (back)

ASME
ASME B1.3-1990

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 CD 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 SEPTEN BER 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.

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

1. Owner Pennsylvania Power & Light Co.
Name

Date 11/13/95

 Two North Ninth St., Allentown, PA 18101
Address

Sheet 1 of 1

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

 PO Box 467, Berwick, PA 18603
Address

 See Below
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type-Code Symbol None

 Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 264D - Recirc Seal Water Injection System

5. (a) Applicable Construction ASME SEC III 19 74 Edition, W' 74 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) 1" FLOW CHECK VALVE	MAROTTA	382	1250	XV243F017A	1982	REPLACED	YES
2) 1" FLOW CHECK VALVE	VALCOR	4	N/A	XV243F017A	1992	REPLACEMENT	YES

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1,2	V53634	LOGGED AS 95-264-006 BUT RECORDED ON FORM AS 95-264-008

7. Description of Work Check Valve was unable to restrict the flow and required replacement

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure No Code Testing Required
 Other Pressure _____ psi Test Temp. _____ °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 for Item #2

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 Nov. 20, 19 95
Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9/26/95 to 10/4/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 PAUC 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 28 19 95

- 1. Manufactured by Valcor Engineering Corporation, 2 Lawrence Road, Springfield, New Jersey 07081
(Name and Address of N Certificate Holder)
- 2. Manufactured for Penn. Power & Light Co., Allentown, PA
(Name and Address of Purchaser or Owner)
- 3. Location of Installation Susquehanna Steam Electric Station
(Name and Address)
- 4. Pump or Valve Valve Nominal Inlet Size 1" Outlet Size 1"
(inch) (inch)

	(a) Model No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Sec. No.	(g) Year Built
	(1)	794170004	1	N/A	794170004	-	-
(2)		thru					
(3)		4					
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. EXCESS FLOW CHECK VALVE.
(Brief description of service for which equipment was designed)

6. Design Conditions 1379 psi 570 °F or Valve Pressure Class -- (1)
(Pressure) (Temperature)

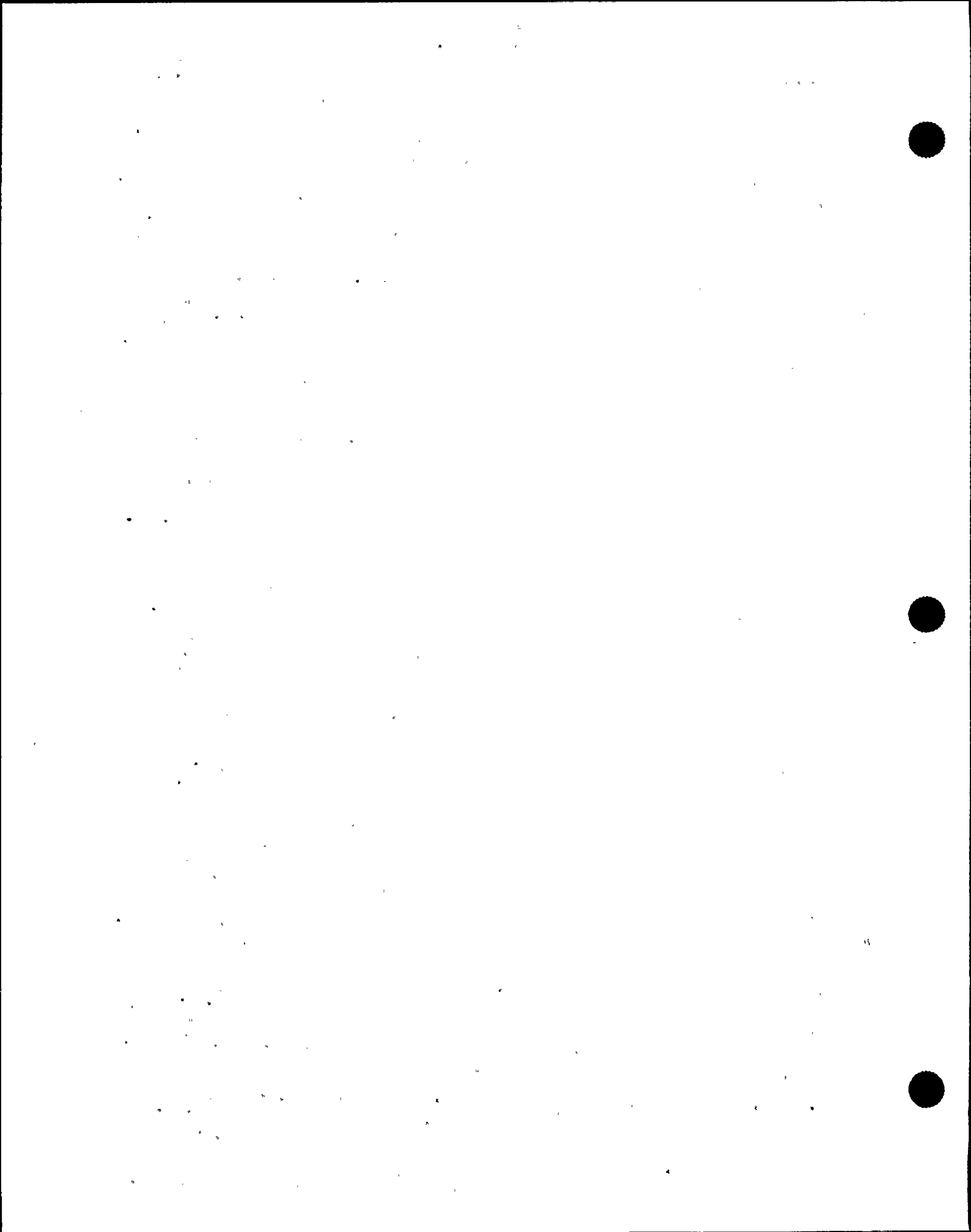
7. Cold Working Pressure 2160 psi at 100°F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
N/A			
(b) Forgings			
U52010-50-3	SA 182 F316	HUB	Lot # U572NU

(1) For manually operated valves only.

*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, (3) each sheet is numbered and the number of sheets is recorded at the top of this form, and (4) each additional sheet shall be signed by the Certificate holder and the AN.



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

1. Owner Pennsylvania Power & Light Co. Date 11/3/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 1 of 3
Address

2. Plant Susquehanna Steam Electric Station Unit 2
Name
 PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 273A - Primary Containment Atmosphere Control

5. (a) Applicable Construction ASME SEC III 19 80 Edition, W'80 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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 DISC	TARGET ROCK	990	N/A	SV25782A	1990	REPLACED	YES
2) MAIN DISC	TARGET ROCK	761	N/A	SV25782A	1989	REPLACEMENT	YES
3) 1" SOLENOID VALVE	TARGET ROCK	75KK-211-1	N/A	SV25782A	1982	REPAIRED	YES
4) MAIN DISC	TARGET ROCK	VALVE S/N 75KK-211-2	N/A	SV22366	1982	REPLACED	NO
5) MAIN DISC	TARGET ROCK	997	N/A	SV22366	1989	REPLACEMENT	YES
6) 1" SOLENOID VALVE	TARGET ROCK	75KK-211-2	N/A	SV22366	1982	REPAIRED	YES

7. Description of Work Replace the Main Disk in the listed valves, to do this the body-to bonnet tack welds were removed and rewelded.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure NO CODE TESTING REQUIRED
 Other Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks Manufacturer's Data Sheets Attached for Replacement Items #2, 5, & 8

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 Nov 20 19 95

Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 8/1/95 to 9/24/95 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions: NB7866 PA wk. 24619 ANU
National Board, State, Province, and Endorsements

Date Nov 28 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 11/3/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 3
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Page 3
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 273A - Primary Containment Atmosphere Control

5. (a) Applicable Construction ASME SEC III 19 80 Edition, W' 80 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) MAIN DISC	TARGET ROCK	VALVE S/N 75KK-211-4	N/A	SV22369	1982	REPLACED	NO
8) MAIN DISC	TARGET ROCK	955	N/A	SV22369	1989	REPLACEMENT	YES
9) 1" SOLENOID VALVE	TARGET ROCK	75KK-211-4	N/A	SV22369	1982	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 Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 11/3/95
 Sheet 3 of 3

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

Unit 2:
See Page 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None
 Authorization N/A
 Expiration Date N/A

4. Identification of System 273A - Primary Containment Atmosphere Control

5. (a) Applicable Construction ASME SEC III 19 80 Edition, W' 80 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1-3	H40674	95-273-002
4-6	V43876	RECORDED IN LOG AS 95-273-001 BUT LABELED ON FORM AS 95-173-001
7-9	V50111	RECORDED IN LOG AS 95-273-003 BUT LABELED ON FORM AS 95-273-001

**FORM N-7 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 Target Rock Corp., 1966E Broadhollow Rd, E. Farmingdale, NY 11735
(Name and address of NPT Certificate Holder)
2. Manufactured for Pennsylvania Power & Light Co., Allentown, PA
(Name and address of purchaser)
3. Location of installation Susquehanna SES Storeroom, Berwick, PA
(Name and address)
4. Type 202337-1, Rev. E SA 479 316 75 KSI N/A 1990
(Drawing No.) (Mat'l Spec No.) (Tensile Strength) (CRN) (Heat Num)
5. ASME Code, Section III: 1980 R 30 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: Spare Parts for a completed valve assembly, Model 75XX-211, 212, and 216

Main Disc Assy

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) 909	N/A
(2) 911	N/A
(3) 925	N/A
(4) 930	N/A
(5) 936	N/A
(6) 941	N/A
(7) 942	N/A
(8) 943	N/A
(9) 947	N/A
(10) 949	N/A
(11) 950	N/A
(12) 952	N/A
(13) 954	N/A
(14) 956	N/A
(16) 958	N/A
(16) 965	N/A
(17) 967	N/A
(18) 969	N/A
(19) 975	N/A
(20) 976	N/A
(21) 977	N/A
(22) 979	N/A
(23) 990	N/A
(24) 995	N/A
(25) 996	N/A

Part or Appurtenance Serial Number	National Board Number in Numerical Order
(26) 997	N/A
(27) 1002	N/A
(28) 1004 1009	N/A
(29) 1010	N/A
(30) 1013	N/A
(31) 1016	N/A
(32) 1017	N/A
(33) 1018	N/A
(34) 1020	N/A
(35) N/A	N/A
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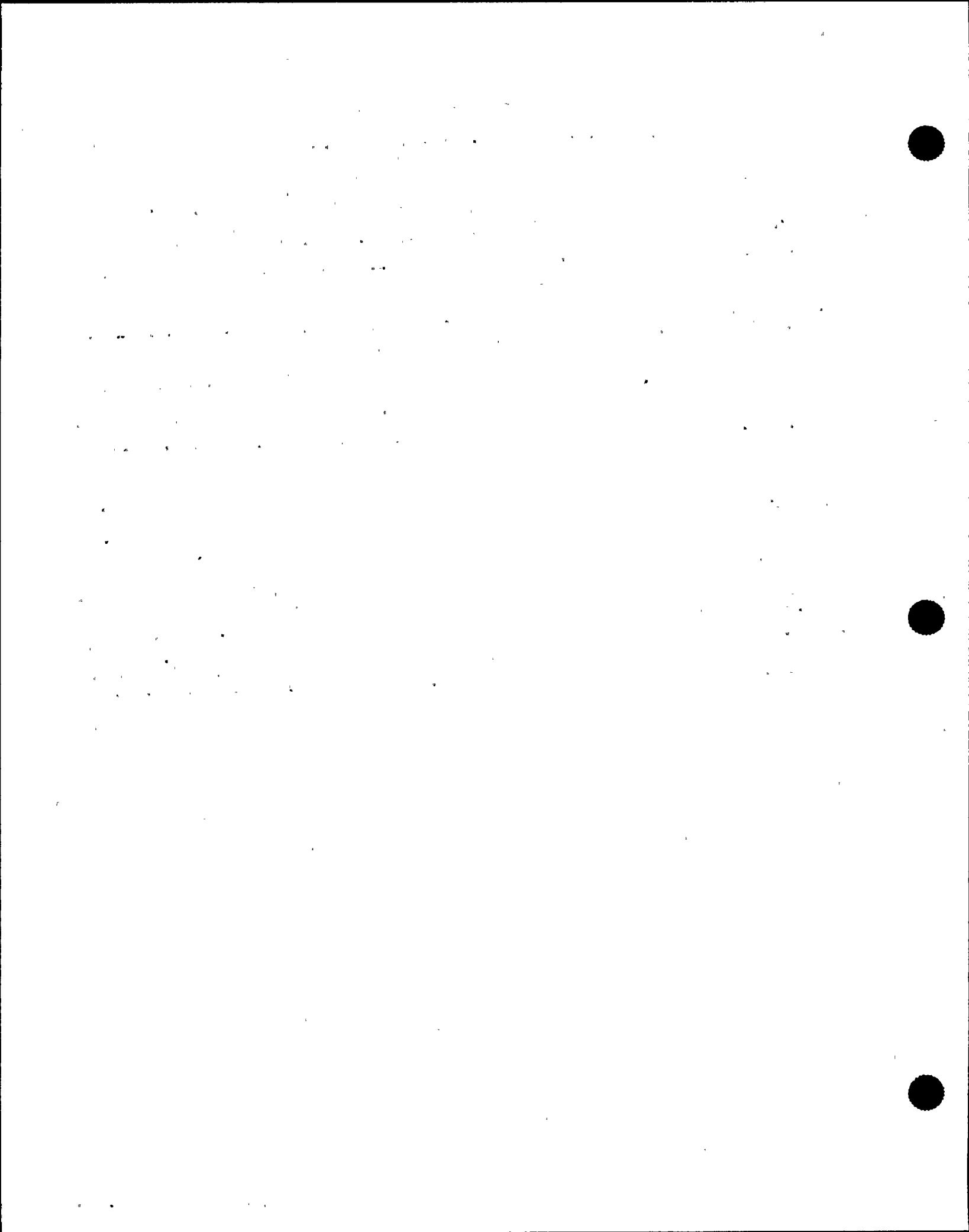
Design pressure N/A psi. Temp. N/A °F. Hydro. test pressure 165 at temp. °F
(When applicable) AMB

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

MAY 3 '90 10:59

Approved 5-3-90
 E. Bajada, Manager, Quality Assurance
 Date 5/13/90
 W. A. Roland, ANI
 Date

C / R N S - C C A C



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 conforms to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization No. 1948 Expires 12-12-92

Date 4/23/90 Name Target Rock Corporation Signed E. Bajada
NPT Certificate Holder Authorized representative
E. Bajada, Q.A. Manager

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 York and employed by Commercial Union Insurance Company of Boston, Mass. have inspected these items described in this Data Report on 4/24/90 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 4/24/90 Signed William A. Roland N. Y. STATE COMMISSION NO. 2288
Authorized Inspector Commissions ALSO COMMISSIONED IN PENN., OHIO & CONN.
(MAY BE PAID ENDORSEMENTAL STATE OR PROV. AND NO.)

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**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
(name and address of NPT Certificate holder)
2. Manufactured for Pennsylvania Power & Light; 2 N. Ninth St.; Allentown, PA 18101
(name and address of Purchaser)
3. Location of installation Susquehanna SES; Route 11; Berwick, PA 18603
(name and address)
4. Type: 202337-1 SA-479 316 75 KSI N/A 1991
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRNI) (year built)
5. ASME Code, Section III, Division 1: 1980 Winter 1980 2 None
(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: Spare parts for completed valve assembly Model No. 75KK-211, 75KK-212, 75KK-216 Main Disc Assembly

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) 955	N/A
(2) 966	N/A
(3) N/A	N/A
(4)	
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Part or Appurtenance Serial Number	National Board No. in Numerical Order
(26)	
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10. Design pressure N/A psf. Temp. N/A °F. Hydro. test pressure 165 PSIG at temp. °F Ambient
(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.

1022230/03

Certificate Holder's Serial Nos. _____ through _____

CERTIFICATION OF DESIGN

Design specifications certified by L. S. Loomer P.E. State PA Reg. no. 19575E
(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) Part
conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. 1948 Expires 12-12-92

Date 8/30/91 Name Target Rock Corporation Signed [Signature]
(NPT Certificate Holder) authorized representative
fn E. Bajada, O.S. Manager

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 Commercial Union Insurance Company
of Boston, Mass. have inspected these items described in this Data Report on 8/30/91, 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 8/30/91 Signed [Signature] Commissions N. Y. STATE COMMISSION NO. 2238
(Authorized Inspector) ALSO COMMISSIONED IN PENN., OHIO & CONN.
(Nat'l. Bd. incl. endorsements) and state or prov. and no.

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**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 Target Rock Corp., 1966E Broadhollow Rd, E. Farmingdale, NY 11735
(name and address of NPT Certificate Holder)
2. Manufactured for Pennsylvania Power & Light Co, Allentown, PA
(name and address of purchaser)
3. Location of installation Susquehanna Power Plant, Berwick, PA
(name and address)
4. Type 1021010-3, Rev. F SA-479 316 75 KSI N/A 1989
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III: 1980 W 80 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: Spare Parts for a completed valve - Model 75KK
Main Disc, P/N 202337-1 ✓

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>754</u> ✓	<u>N/A</u>
(2) <u>758</u> ✓	<u>N/A</u>
(3) <u>761</u> ✓	<u>N/A</u>
(4) <u>763</u> ✓	<u>N/A</u>
(5) <u>765</u> ✓	<u>N/A</u>
(6) <u>766</u> ✓	<u>N/A</u>
(7) <u>767</u> ✓	<u>N/A</u>
(8) <u>773</u> ✓	<u>N/A</u>
(9) <u>774</u> ✓	<u>N/A</u>
(10) <u>775</u> ✓	<u>N/A</u>
(11) <u>784</u> ✓	<u>N/A</u>
(12) <u>785</u> ✓	<u>N/A</u>
(13) <u>786</u> ✓	<u>N/A</u>
(14) <u>792</u> ✓	<u>N/A</u>
(15) <u>793</u> ✓	<u>N/A</u>
(16) <u>796</u> ✓	<u>N/A</u>
(17) <u>819</u> ✓	<u>N/A</u>
(18) <u>831</u> ✓	<u>N/A</u>
(19) <u>832</u> ✓	<u>N/A</u>
(20) <u>834</u> ✓	<u>N/A</u>
(21) <u>N/A</u>	<u>N/A</u>
(22)	
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Part or Appurtenance Serial Number	National Board Number in Numerical Order
(26)	
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(47)	
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(49)	
(50)	

10. Design pressure N/A psi. Temp. N/A °F. Hydro. test pressure 1800 at temp. AMB °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.

CERTIFICATION OF DESIGN

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

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

CERTIFICATE OF SHOP 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.

NPT Certificate of Authorization No. 1948 Expires 12-9-89

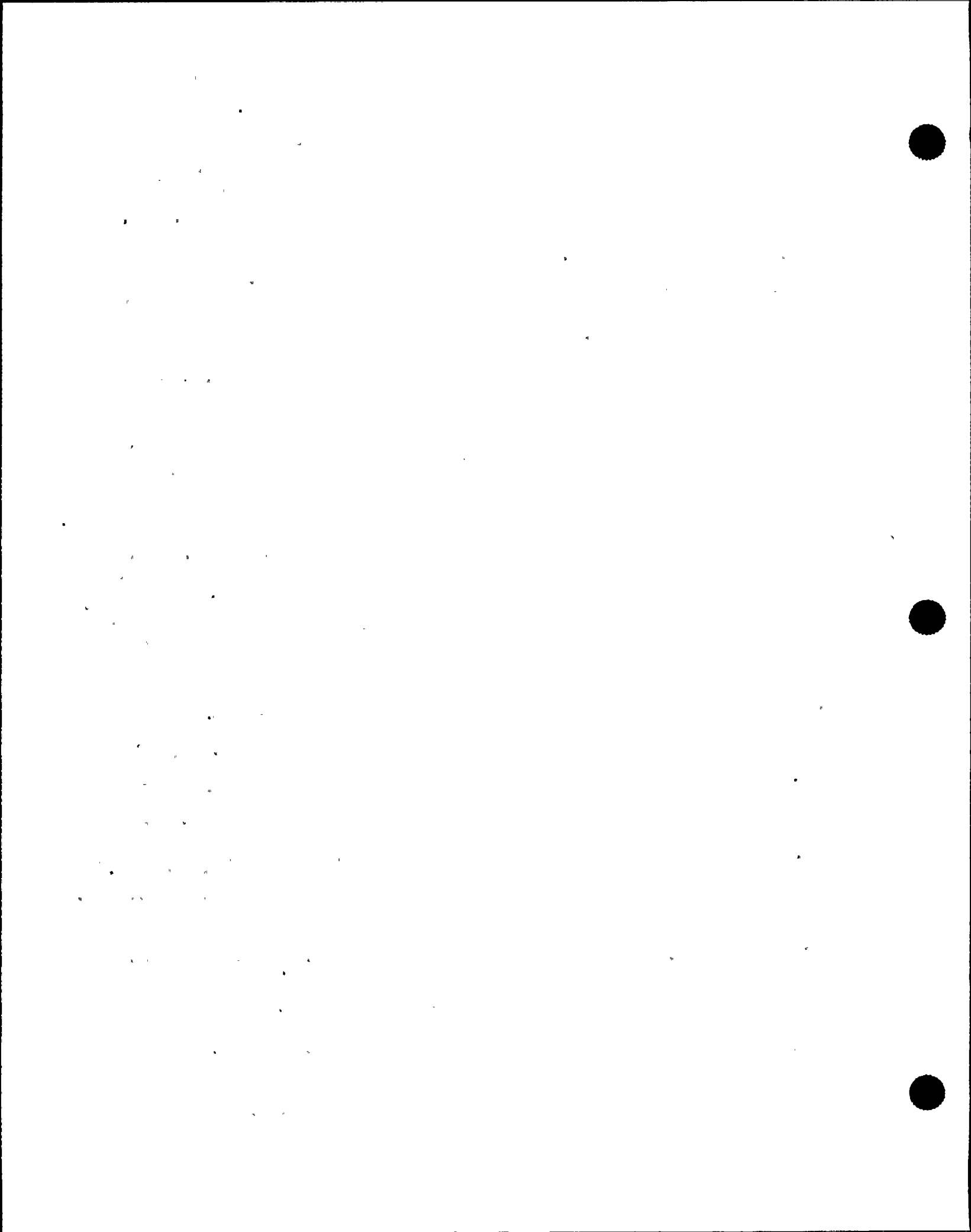
Date 3/31/89 Name Target Rock Corporation Signed E. Bajada
(NPT Certificate Holder) (Authorized representative)
E. Bajada, Q.A. Manager

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 York and employed by Commercial Union Insurance Company of Boston, Mass. have inspected these items described in this Data Report on 3/31/89 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 3/31/89 Signed William A. ... Commissions NEW YORK STATE COMMISSION NO. 2238
(Authorized Inspector) ALSO COMMISSIONED IN PA., OHIO & CAN.
(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 Pennsylvania Power & Light Co. Date 11/13/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 1 of 6
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Page 4.
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 283A - Main Steam
5. (a) Applicable Construction See Page 5 19 Edition, Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) 1" STEM & DISC ASSY	YARWAY	VALVE S/N A1075	N/A	HV20112A2	1977	REPLACED	NO
2) 1" STEM & DISC ASSY	YARWAY	HEAT CODE 91-11-1G	N/A	HV20112A2	1995	REPLACEMENT	YES
3) BACKSEAT BUSHING	YARWAY	VALVE S/N. A1075	N/A	HV20112A2	1977	REPLACED	NO
4) BACKSEAT BUSHING	YARWAY	MARK# 1764	N/A	HV20112A2	1979	REPLACEMENT	NO
5) 1" STEM & DISC ASSY	YARWAY	VALVE S/N A0964	N/A	LSH20108-R1	1977	REPLACED	NO
6) 1" STEM & DISC ASSY	YARWAY	91-11-1G-C3	N/A	LSH20108-R1	1995	REPLACEMENT	YES

7. Description of Work See Page 6
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Page 6
 Other Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks Manufacturer's Data Report Attached for Replacement Item #2, 6, 8, 12, 14, & 16
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 Nov. 20, 19 95
Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9/17/95 to 9/18/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7866 PA WP.24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 28 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 11/10/95
Name
- Two North Ninth St., Allentown, PA 18101 Sheet 2 of 6
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
- PO Box 467, Berwick, PA 18603 See Page 4
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
- Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 283A - Main Steam
5. (a) Applicable Construction See Page 5 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) BACKSEAT BUSHING	YARWAY	VALVE S/N A0964	N/A	LSH20108-R1	1977	REPLACED	NO
8) BACKSEAT BUSHING	YARWAY	FROM B0681	N/A	LSH20108-R1	1979	REPLACEMENT	NO
9) 1" STEM & DISC ASSY	YARWAY	VALVE S/N A1022	N/A	LSH20108-R3	1977	REPLACED	NO
10) 1" STEM & DISC ASSY	YARWAY	91-11-1G-C1	N/A	LSH20108-R3	1995	REPLACEMENT	YES
11) BACKSEAT BUSHING	YARWAY	VALVE S/N A1022	N/A	LSH20108-R3	1977	REPLACED	NO
12) BACKSEAT BUSHING	YARWAY	FROM 2828	N/A	LSH20108-R3	1976	REPLACEMENT	NO
13) 1" STEM & DISC ASSY	YARWAY	VALVE S/N A1025	N/A	LSH20108-R4	1977	REPLACED	NO
14) 1" STEM & DISC ASSY	YARWAY	91-11-1G-C7	N/A	LSH20108-R4	1995	REPLACEMENT	YES
15) BACKSEAT BUSHING	YARWAY	VALVE S/N A1025	N/A	LSH20108-R4	1977	REPLACED	NO
16) BACKSEAT BUSHING	YARWAY	FROM 3467	N/A	LSH20108-R4	1976	REPLACEMENT	NO
17) 1" SCH 80 PIPE	PP&L	N/A	N/A	SP-08B-205-4 @ LSL-20108	1993	REPLACED	NO

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

1. Owner Pennsylvania Power & Light Co. Date 11/3/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 3 of 6
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Page 4
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 283A - Main Steam

5. (a) Applicable Construction See Page 5 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) 1" SCH 80 PIPE	QUANEX	HT# 1M6673	N/A	SP-DBB-205-4 @ LSL-20108	1991	REPLACEMENT	NO
19) 1" XXS PIPE	PP&L	N/A	N/A	SP-DBB-204-2 @ LSHH-20112C	1993	REPLACED	NO
20) 1" XXS PIPE	QUANEX	HT# 1M6673	N/A	SP-DBB-204-2 @ LSHH-20112C	1986	REPLACEMENT	NO
21) 1" XXS PIPE	PP&L	N/A	N/A	SP-DBB-201-3 @ LSHH-20112B	1993	REPLACED	NO
22) 1" XXS PIPE	QUANEX	HT# 1M6673	N/A	SP-DBB-201-3 @ LSHH-20112B	1986	REPLACEMENT	NO
23) 1" GLOBE VALVE	YARWAY	A0816	N/A	LSH-20108-R2	1977	REPLACED	YES
24) 1" GLOBE VALVE	YARWAY	3461	N/A	LSH-20108-R2	1976	REPLACEMENT	YES
25) 1" XXS PIPE	BECHTEL	N/A	N/A	SP-DBB-205-4 @ LSH-20108-R2	1983	REPLACED	NO
26) 1" XXS PIPE	QUANEX	HT# 1M6673	N/A	SP-DBB-205-4 @ LSH-20108-R2	1990	REPLACEMENT	NO
27) 1" XXS PIPE	PP&L	N/A	N/A	SP-DBB-203-3 @ LSL-20112D	1993	REPLACED	NO
28) 1" XXS PIPE	QUANEX	HT# 1M6673	N/A	SP-DBB-203-3 @ LSL-20112D	1990	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 Pennsylvania Power & Light Co.
Name

Date 10/31/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 4 of 6

2. Plant Susquehanna Steam Electric Station
Name

Unit 2:

PO Box 467, Berwick, PA 18603
Address

See Page 4
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol None

Two North Ninth St., Allentown, PA 18101
Address

Authorization N/A

Expiration Date N/A

4. Identification of System 283A - Main Steam

5. (a) Applicable Construction See Page 5 19 Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements. '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Susquehanna Work Authorization Number	Code Repair Form No.
1-4	V53201	95-283-001
5-8	V53256	95-283-008
9-12	V53526	95-283-010
13-16	V53526	95-283-011
17,18	V53597	95-283-012
19,20	V53601	95-283-014
21,22	V53599	95-283-015
23,24,25,26	V53256	95-283-023
27, 28	V53602	95-283-017

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for ensuring the integrity of the financial statements and for providing a clear audit trail.

2. The second part of the document outlines the various methods used to collect and analyze data. It describes how different types of information are gathered and how they are processed to identify trends and anomalies.

3. The third part of the document focuses on the results of the analysis. It presents a detailed breakdown of the findings, highlighting key areas of concern and providing recommendations for improvement.

4. The final part of the document provides a summary of the overall findings and conclusions. It reiterates the importance of the data and the need for continued monitoring and reporting.



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

1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 5 of 6
Address

2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Page 4
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A

4. Identification of System 283A - Main Steam

5. (a) Applicable Construction See Page 5 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1,3,5,7,9,11,13,15,23,27	ASME SEC III; CLASS 2; 1974 EDITION; WINTER 1974 ADDENDA
2,4,6,8,10,12,14,16,24	ASME SEC III; CLASS 1; 1974 EDITION; WINTER 1974 ADDENDA
17,19,21,25	ASME SEC III; CLASS 2; 1971 EDITION; WINTER 1972 ADDENDA
18, 20,22,26,28	ASME SEC III; CLASS 2; 1986 EDITION; NO ADDENDA



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

1. Owner Pennsylvania Power & Light Co. Date 11/3/95
Name
- Two North Ninth St., Allentown, PA 18101 Sheet 6 of 6
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
- PO Box 467, Berwick, PA 18603 See Page 4
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
- Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address
- Expiration Date N/A
4. Identification of System. 283A - Main Steam
5. (a) Applicable Construction See Page 5 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1-4	DURING REWORK OF HV20112A2 IT WAS DETERMINED NECESSARY TO REPLACE STEM & DISC AND BACKSEAT BUSHING
5-8, 9-12, 13-16,23-26	VALVE WAS LEAKING STEAM
17,18,19,20,21,22,27,28	PIPING AT NON-CODE LEVEL SWITCHES NEEDS REPLACEMENT
Item (s)	Description of Tests
1-28	NO CODE TESTING REQUIRED

FORM N-2 NPT CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PART AND APPURTENANCES*

As required by the Provision of the ASME Code Rules, Section III, Div. 1

REGISTER 70425

SHOP ORDER 59494

1. (a) Manufactured by Yarway Corporation, A Subsidiary of Keystone International, Inc.
480 Norristown Road, Blue Bell, PA 19422
(Name and address of NPT Certificate Holder)

(b) Manufactured for Penna. Power & Light Co., Susquehanna SES, Berwick, PA 18603
(Name and address of N Certificate Holder for completed nuclear component)

2. Identification-Certificate Holder's Serial No. of Part 91-11-1G-C1 thru C7 Nat'l Bd. No. ----
045122,

(a) Constructed According to Drawing No. 966238-02 Drawing Prepared by Yarway Corporation

(b) Description of Part Inspected Stem Assembly, 1" - 5500 - Qty, 7

(c) Applicable ASME Code: Section III, Edition 1974, Addenda date W74, Case No. -- Class 1

3. Remarks: Renewal parts for nuclear globe valve
(Brief description of service for which component was designed)
Material: Disc, AMS 5385E; Heat Code: 91-11-1G

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 28 June 1995 Signed Yarway Corporation By F.W. Peszka
(NPT Certificate Holder) F. W. Peszka

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

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at Pennsylvania Power & Light Co.

Stress analysis report on file at Not Required

Design specifications certified by John R. Schmiedel PA Reg. No. 19370E
Richard O. Schlueter Prof. Eng. State PA Reg. No. 26382E
Sidney Arthur Copland PA Reg. No. 19877E

Stress analysis report certified by George Loos Prof. Eng. State NJ Reg. No. 23225

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 Arkwright Mutual Insurance Co. of NORWOOD, MA* have inspected the part of a pressure vessel described in this

Partial Data Report on JUNE 28 1995, 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.

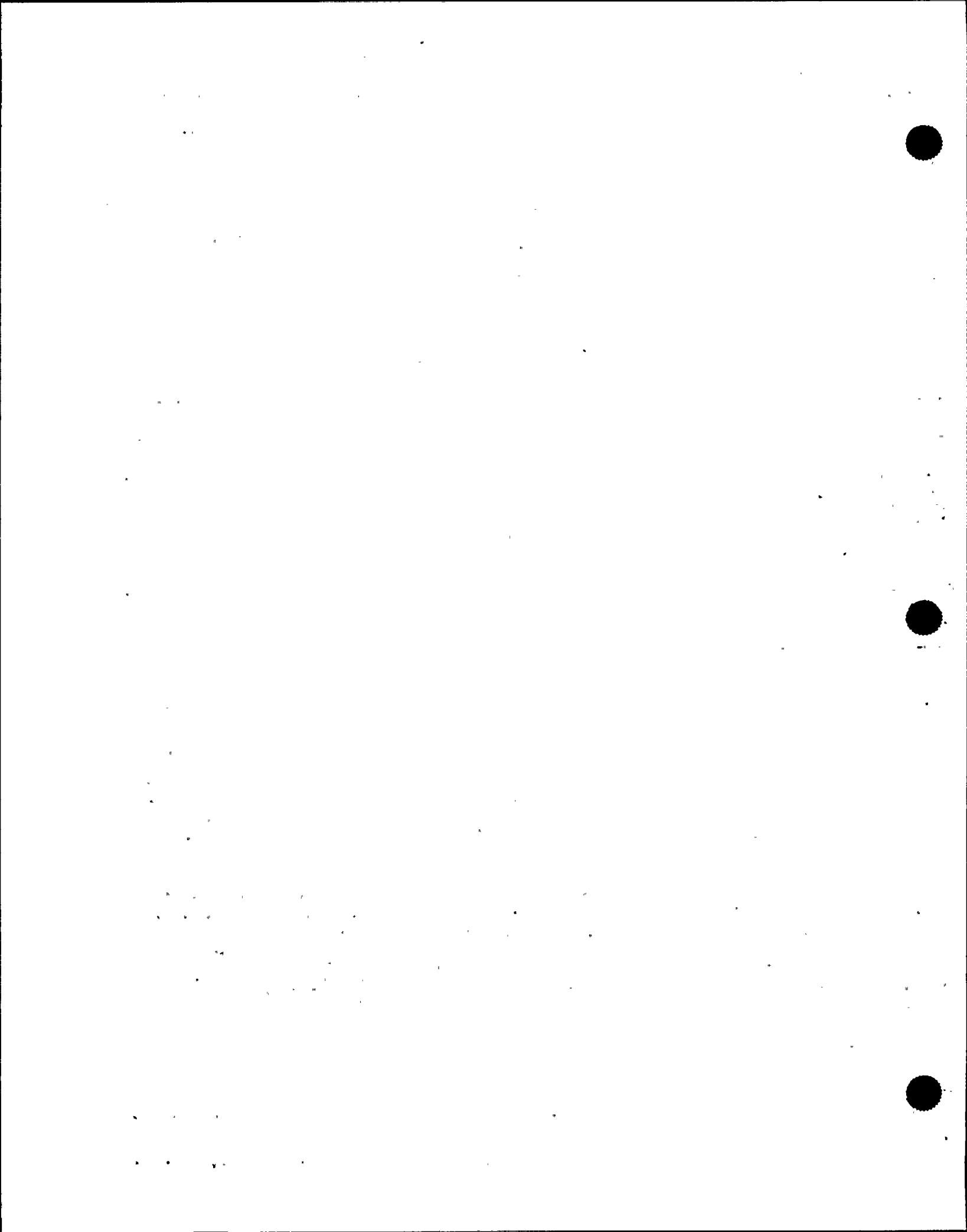
* Factory Mutual Engineering Association

Date JUNE 28 1995

William R. Regent III
 Inspector's Signature

Commissions NB7980 PA2204 NBSEIS
 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 1-7 on this Data Report is included on each sheet, and (3) the work sheet is numbered and number of copies is recorded in item 8, "Remarks".



FORM N-2 NPT CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PART AND APPURTENANCES*

As required by the Provision of the ASME Code Rules, Section III, Div. I

REGISTER 58957

SHOP ORDER 48757

(a) Manufactured by Yarway Corporation, A Subsidiary of Keystone International, Inc.
480 Norristown Road, Blue Bell, PA 19422
(Name and address of NPT Certificate Holder)

(b) Manufactured for Penna. Power & Light Co., Susquehanna SES, Berwick, PA 18603
(Name and address of NPT Certificate Holder for completed nuclear component)

Identification-Certificate Holder's Serial No. of Part 91-11-1G-B1 through 045122,
86 Nat'l Bd. No. ---

(a) Constructed According to Drawing No. 966238-02 Drawing Prepared by Yarway Corporation

(b) Description of Part Inspected Stem Assembly, 1" - 5500 - Qty. 6

(c) Applicable ASME Code: Section III, Edition 1974, Addenda date W74, Case No. -- Class 1

Remarks: Renewal parts for nuclear globe valve
(Brief description of service for which component was designed)
Material: Disc, AMS 5385E; Heat Code: 91-11-1G

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 9 Dec. 1994 Signed YARWAY CORPORATION By F. W. Peszka
(NPT Certificate Holder) F. W. Peszka
 Date of Authorization Expires Nov. 14, 1995 Certificate of Authorization No. N-2450

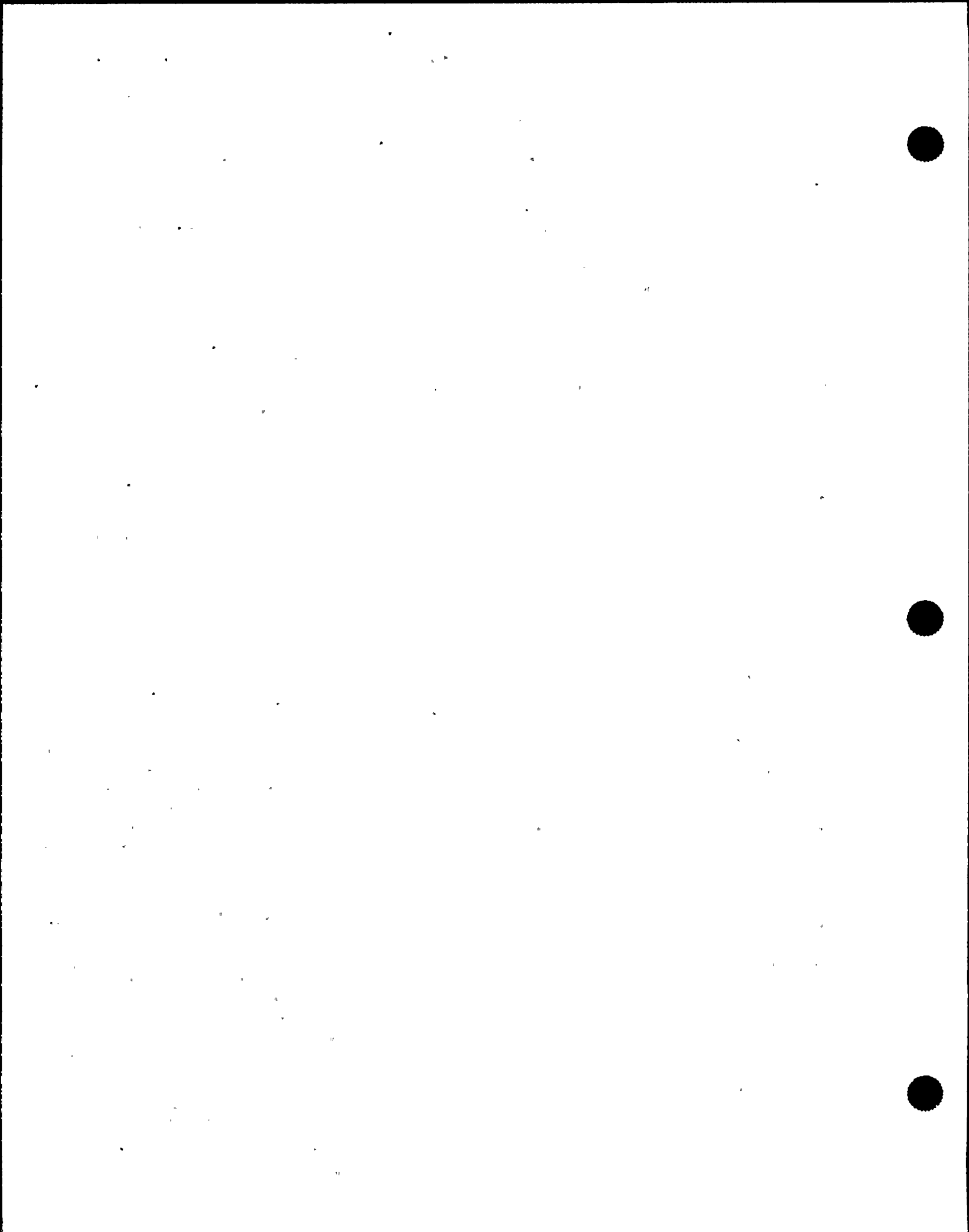
CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at Pennsylvania Power & Light Co.
 Stress analysis report on file at Not Required
 Design specifications certified by John R. Schmiedel PA Reg. No. 19370E
Richard O. Schlueter Prof. Eng. State PA Reg. No. 26382E
Sidney Arthur Copland PA Reg. No. 19877E
 Stress analysis report certified by George Loos Prof. Eng. State NJ Reg. No. 23225

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 Arkwright Mutual Insurance Co. of Roxwood, MA* have inspected the part of a pressure vessel described in this Partial Data Report on Dec. 10 1994, 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.
 * Factory Mutual Engineering Association

Date 12-9 1994
William R. Rogers III Commissions NB7980 NIBS IS PA2204
Inspector's Signature National Board, State, Province and No.



1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 60531
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
-(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"

SERIAL NUMBER(S) B0671 THRU B0695

(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

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 1

8. Edition 1974; Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
9 5 3 0 0	(a) Castings C8	AMS 5385	NOVA/HOWMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOWMET CORPORATION	DISC
(b) Forgings	B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr.F6a	CYCLOPS CORP.	BACKSEAT BUSHING

(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, 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.

	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 CORPORATION, GAITHERSBURG, MARYLAND
 Stress analysis report on file at BECHTEL POWER CORPORATION, GAITHERSBURG, MARYLAND
 Design specifications certified by THOMAS W. HABERMAS (1) Prof. Eng. State MISS Reg. No. 6064
 Stress analysis report certified by HAROLD T. GREGG (1) Prof. Eng. State PA Reg. No. 9053E
 (1) Signature not required. List name only.

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

Date 12/26 1979 Signed YARWAY CORPORATION By W. A. VOLGER
(Manufacturer)

Certificate of Authorization No. N 1891 expires OCTOBER 21, 1980

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 PHILADELPHIA MANUFACTURERS of MUTUAL INSURANCE CO. c/o PHILADELPHIA, PA * have inspected the equipment described in this Data Report on 19 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 12/26/79 1979

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

*PART OF THE FACTORY MUTUAL SYSTEM

91-0783
37 78

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

As required by the provisions of the ASME Code, Sec. 1

1. Manufactured by Yarway Corporation, Blue Bell, PA Order No. 40731
(Name & Address of Manufacturer)

2. Manufactured for Bechtel Power Corporation Order No. 9645-M-251.0
(Name and Address)

3. Owner Mississippi Power and Light Company

4. Location of Plant Fort Gibson, Mississippi

5. Pump or Valve Identification Nuclear Service Valves - Serial Numbers 2815 thru 2829 inclusive
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-04 Prepared by Yarway Corporation

(b) National Board No. NONE

6. Design Conditions 2350 psi 700 °F or Pressure Class 1500 ps1 (1)
(Pressure) (Temperature)

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 1
 Edition 1974, Addenda Date Winter 1974, Case No. None

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	<u>A4</u>	<u>KMS 5382</u>	<u>Nova/Howard</u>	<u>Disc</u>
(b) Forgings	<u>N5</u>	<u>SA105</u>	<u>Cape Inn Tool Co.</u>	<u>Body</u>
	<u>YW598</u>	<u>SA193 B7</u>	<u>Copperweld Specialty Steel Co.</u>	<u>Backseat Bushing</u>

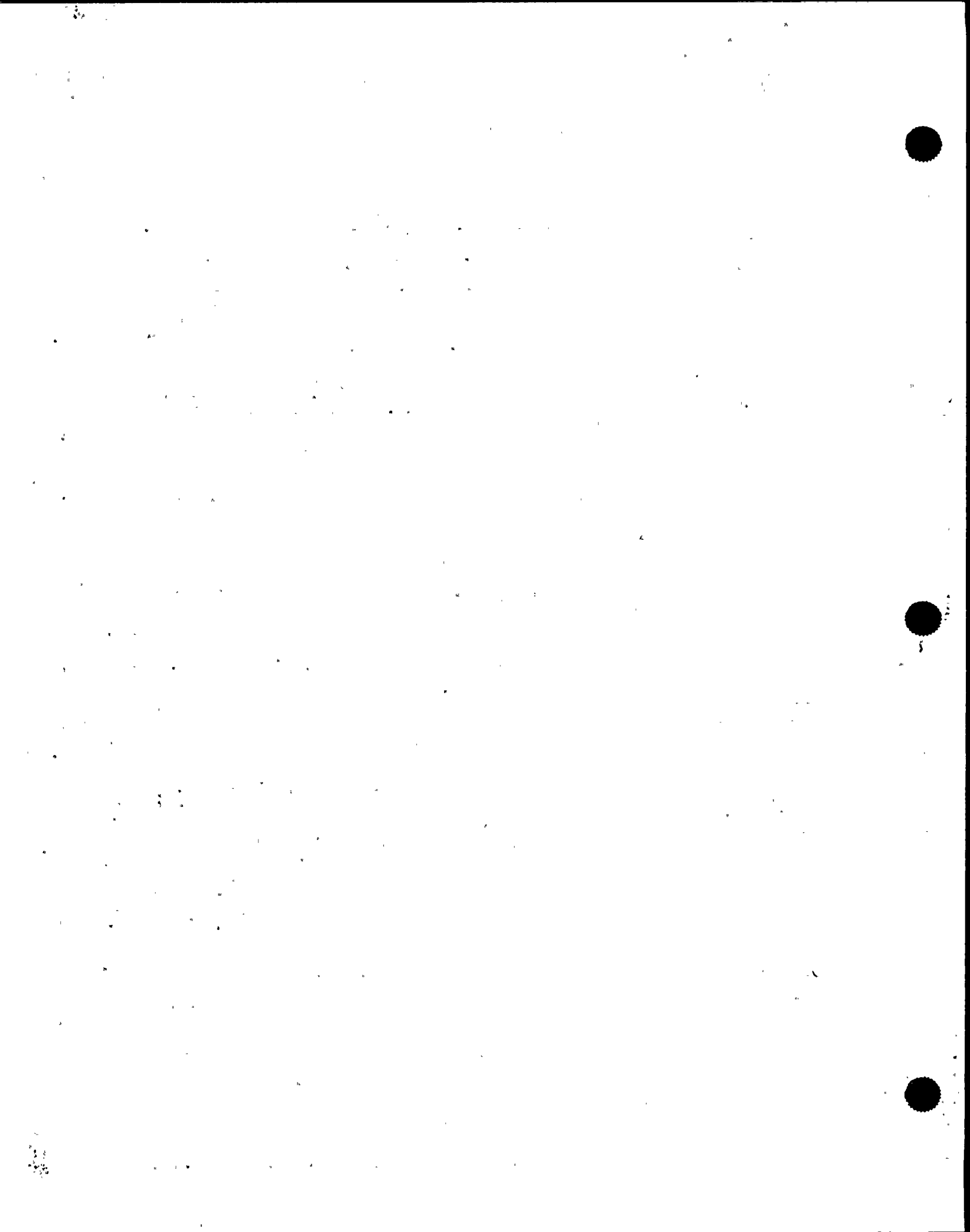
ORIGINAL CO. DOCUMENT

* 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) conforming to items 1, 2, 4 and 5 of 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.

This form (E00077) may be obtained from the Order Dept., ASME, 345 E. 47 St., New York, N.Y. 10017.

91-0139
19 30





As Required by the Provisions of the ASME Code Rules

1. Manufactured by Yarway Corporation, Blue Bell, PA Order No. 40751
(Name & Address of Manufacturer)

2. Manufactured for Bechtel Power Corporation Order No. 9645-M-251.0
(Name and Address)

3. Owner Mississippi Power and Light Company

4. Location of Plant Port Gibson, Mississippi

5. Pump or Valve Identification Nuclear Service Valves - Serial Numbers
3461 Thru. 3485 Inclusive
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-04 Prepared by Yarway Corporation

(b) National Board No. None

6. Design Conditions 2350 psi 700 °F or Pressure Class 1500 PSI (1)
(Pressure) (Temperature)

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 1

Edition 1974, Addenda Date Winter 1974, Case No. None

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	A5	A5S 5382	Iova/Hornet	Disc
(b) Forgings	N1	SA 105	Cape Ann Tool Co	Body
	YW 684	SA 193 B7	Republic Steel	Backseat Bushin

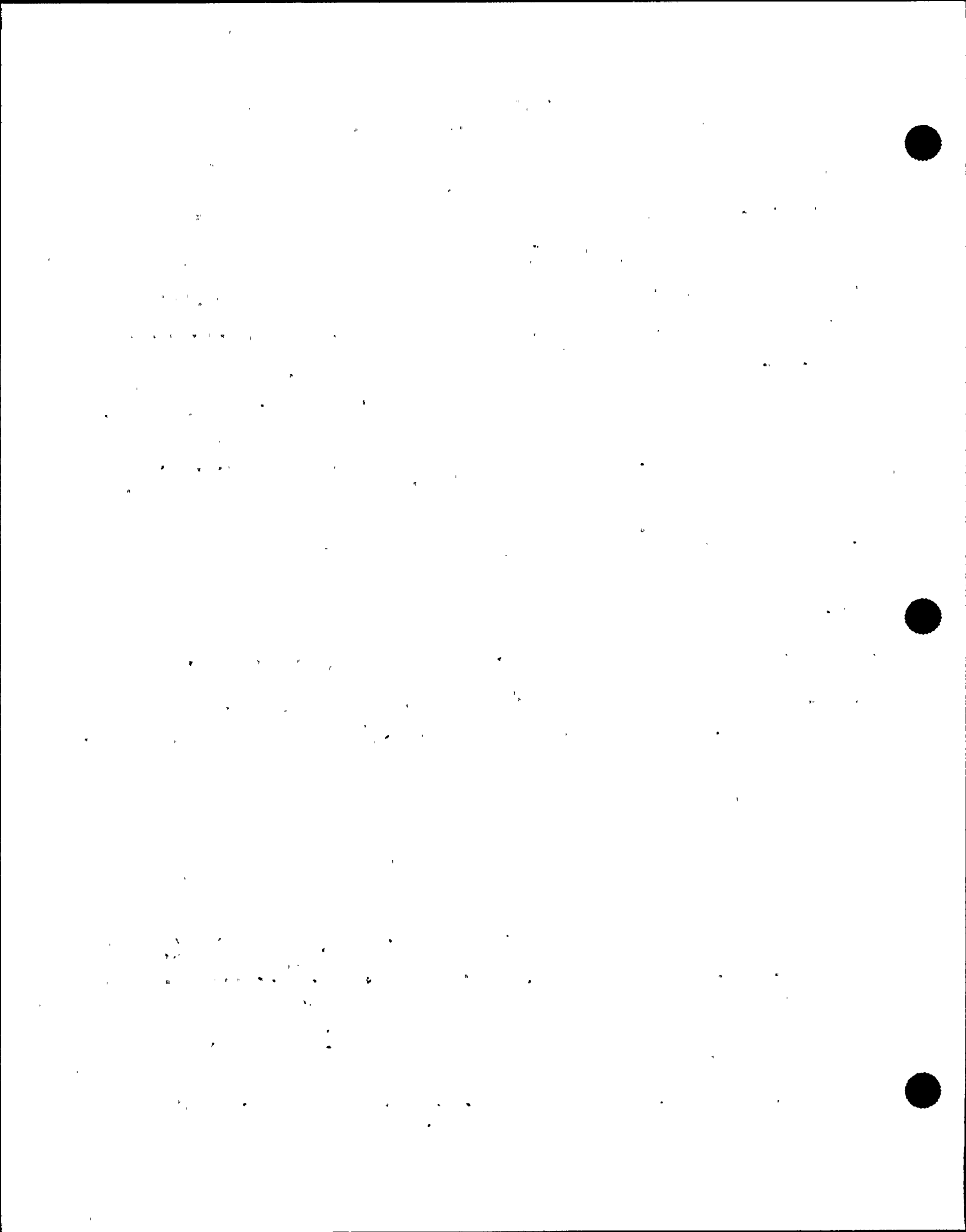
(1) For manually operated valves only.

*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, 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.

No. 91-0135
 RECORD PACKAGE
 PAGE 23 OF 47



100



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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date 10/31/95

Sheet 1 of 1

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

Unit 2:

WA# V13110 AND
CRF C91-283-084,085
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

4. Identification of System 283B - Main Steam Isolation Valve and Control

5. (a) Applicable Construction ASME SEC III 19 71 Edition, W'72 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) SPD CLIP	BECHTEL	SP-HCC-236-H5018	N/A	SP-HCC-236-H5018	1983	REPAIRED	NO
2) SPD CLIP	BECHTEL	SP-HCC-236-H5019	N/A	SP-HCC-236-H5019	1983	REPAIRED	NO

7. Description of Work REMOVAL AND REWELD OF CLIPS NECESSARY TO FACILITATE WORK ON HV-241F028A WORK WAS COMPLETED DURING THE UNIT 2-RFO BUT NIS-2 FOR SPD CLIPS WAS OMITTED

8. Tests Conducted: Hydrostatic ; Pneumatic Nominal Operating Pressure NO CODE TESTING REQUIRED
Other Pressure _____ psi Test Temp. _____ °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 N/A

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 Date N/A

Signed [Signature] Date Nov. 28, 19 95
Owner or Owner's Designee, Title VP-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9/16/95 to 10/7/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 PA 12 24619 AN 11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 28 19 95

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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date 10/31/95

Sheet 1 of 5

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

Unit 2:

 See Sheet 3
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol None

Authorization N/A

Expiration Date N/A

4. Identification of System 283E - Auto Pressure Blowdown System

5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.

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) 1" PIPE	BECHTEL	N/A	N/A	SP-HCC-231-2	1983	REPLACED	NO
2) 1" PIPE	AL TECH	HT# A4559H	N/A	SP-HCC-231-2	1990	REPLACEMENT	NO
3) 1" COUPLING	ALLOY STAINLESS PRODUCTS	HT# CJP	N/A	SP-HCC-231-1	1995	REPLACEMENT	NO
4) (2) 5/8" NUTS	BECHTEL	N/A	N/A	SP-HCC-231-8	1983	REPLACED	NO
5) (2) 5/8" NUTS	TEXAS BOLT	HT# 57988	N/A	SP-HCC-231-8	1994	REPLACEMENT	NO
6) 1" CHECK VALVE	CIRCLE SEAL	D190	N/A	241F036N	1981	REPLACED	YES

7. Description of Work See Page 5

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure See Page 5
Other Pressure psi Test Temp. °F

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

FORM NIS-2 (Back)

9. Remarks Manufacturer's Data Report Attached for Replacement Item #7

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 Nov 20, 19 95

Owner or Owner's Designee, Title VR-NUCLEAR OPERATIONS

CERTIFICATION OF IN SERVICE 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 CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 8/7/95 to 10/12/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 7866 PA NC 24619 AN 11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 29, 19 95

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

1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
Two North Ninth St., Allentown, PA 18101 Sheet 2 of 5
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
PO Box 467, Berwick, PA 18603 See Sheet 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 283E - Auto Pressure Blowdown System
5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
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) 1" CHECK VALVE	CONTROMATICS	87783-1-2	N/A	241F036N	1986	REPLACEMENT	YES
8) BOLT	CONTROMATICS	VALVE S/N 84632-3-34	N/A	241F036F	1976	REPLACED	NO
9) BOLT	NOVA	HT# 11681	N/A	241F036F	1995	REPLACEMENT	NO
10) NUT	CONTROMATICS	VALVE S/N 84632-3-34	N/A	241F036F	1976	REPLACED	NO
11) NUT	A&G ENG	HT# HKX	N/A	241F036F	1986	REPLACEMENT	NO
12) CAP SCREW	CONTROMATICS	VALVE S/N 84632-3-42	N/A	241F036S	1976	REPLACED	NO
13) CAP SCREW	MFG: OSI VENDOR: CONTROMATICS	N/A	N/A	241F036S	1984	REPLACEMENT	NO

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

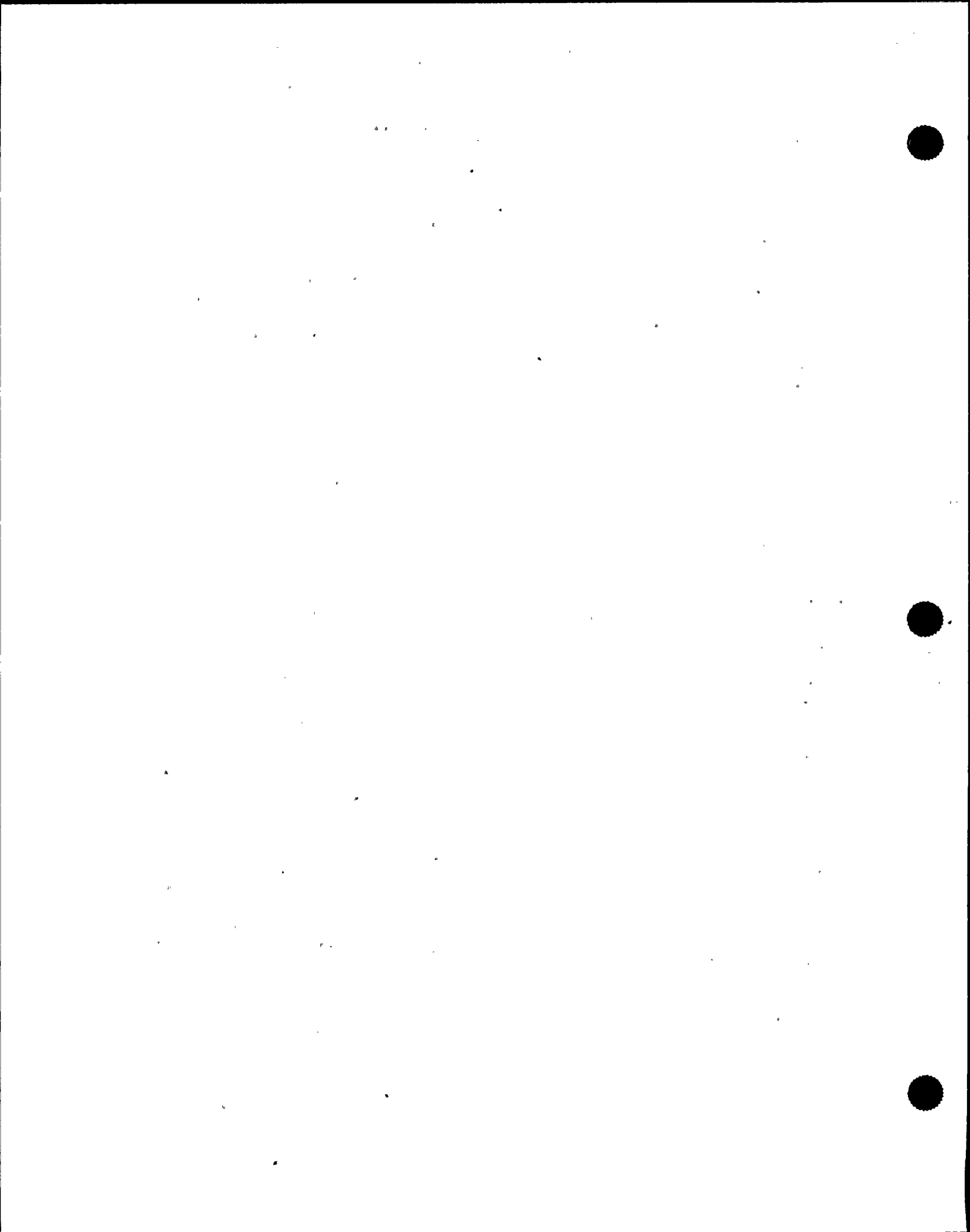
1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 4 of 5
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Sheet 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 283E - Auto Pressure Blowdown System
5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Applicable Construction Code
1,4	ASME SEC III; CLASS 3; EDITION; WINTER 1972 ADDENDA
2	ASME SEC III; CLASS 1; 1989 EDITION; NO ADDENDA
3	ASME SEC III; CLASS 2; 1974 EDITION; WINTER 1975 ADDENDA
5	ASME SEC III; CLASS 1; 1986 EDITION; NO ADDENDA
6	ASME SEC III; CLASS 3; 1977 EDITION; SUMMER 1979 ADDENDA
7,8,10	ASME SEC III; CLASS 3; 1974 EDITION; SUMMER 1975 ADDENDA
9	ASME SEC III; CLASS 2; 1989 EDITION; NO ADDENDA
11	ASME SEC III; CLASS 2; 1983 EDITION; SUMMER 1985 ADDENDA
12,13	VALVE IS ASME SEC III; 1974 EDITION; SUMMER 1975 ADDENDA - CAP CREW IS NON-CODE PER DISCUSSIONS WITH VENDOR. REPLACEMENT PURCHASED FROM CONTROMATICS AS AN IDENTICAL REPLACEMENT.

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

1. Owner Pennsylvania Power & Light Co. Date 10/31/95
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 5 of 5
Address
2. Plant Susquehanna Steam Electric Station Unit 2:
Name
 PO Box 467, Berwick, PA 18603 See Sheet 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization N/A
Address Expiration Date N/A
4. Identification of System 283E - Auto Pressure Blowdown System
5. (a) Applicable Construction See Sheet 4 19 Edition, Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements '89 NO ADD.
6. Identification of Components Repaired or Replaced and Replacement Components

Item (s)	Description of Work
1,2,3	PIPE CUT FAILED PENETRATE TEST AND WILL REPLACE PIPING AND ADD A COUPLING
4,5	REPLACE TWO NUTS ON 3" FLANGE ON SP-HCC-231-18
6,7	REPLACE CHECK VALVE PER RIE 95-0193
8-11	REPLACE MISSING BOLT AND NUT ON 241F036F
12,13	REPLACE LOST CAP SCREW ON 241F036S
Item (s)	Description of Tests
1-13	NO CODE TESTING REQUIRED



1. Manufactured by CONTROMATICS 222 ROBERTS STREET, EAST HARTFORD CT, 06108
 (Name and Address of N Certificate Holder)
 2. Manufactured for PERI. POWER & LIGHT CO. 140 NORTH NINTH ST. ALLENTOWN, PA 18101
 (Name and Address of Purchaser or Owner)
 Location of Installation SULLYHALLIA STEAM ELECTRIC STATION, SALEM TOWNSHIP, LUZERNE COUNTY, PA
 (Name and Address)
 Pump or Valve BALL CHECK VALVE Nominal Inlet Size 1 (inch) Outlet Size 1 (inch)

	(a) Model No. or Type	(b) N Certificate Holder's Series No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd No.	(g) Year Built
(1)	C-9933-CC	87793	1-1	N/A	358-10-03C	3	N/A
(2)	C-9933-CC	87783	1-2	N/A	358-10-03C	3	N/A
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. WATER/STEAM
 (Type of service for which equipment was designed)

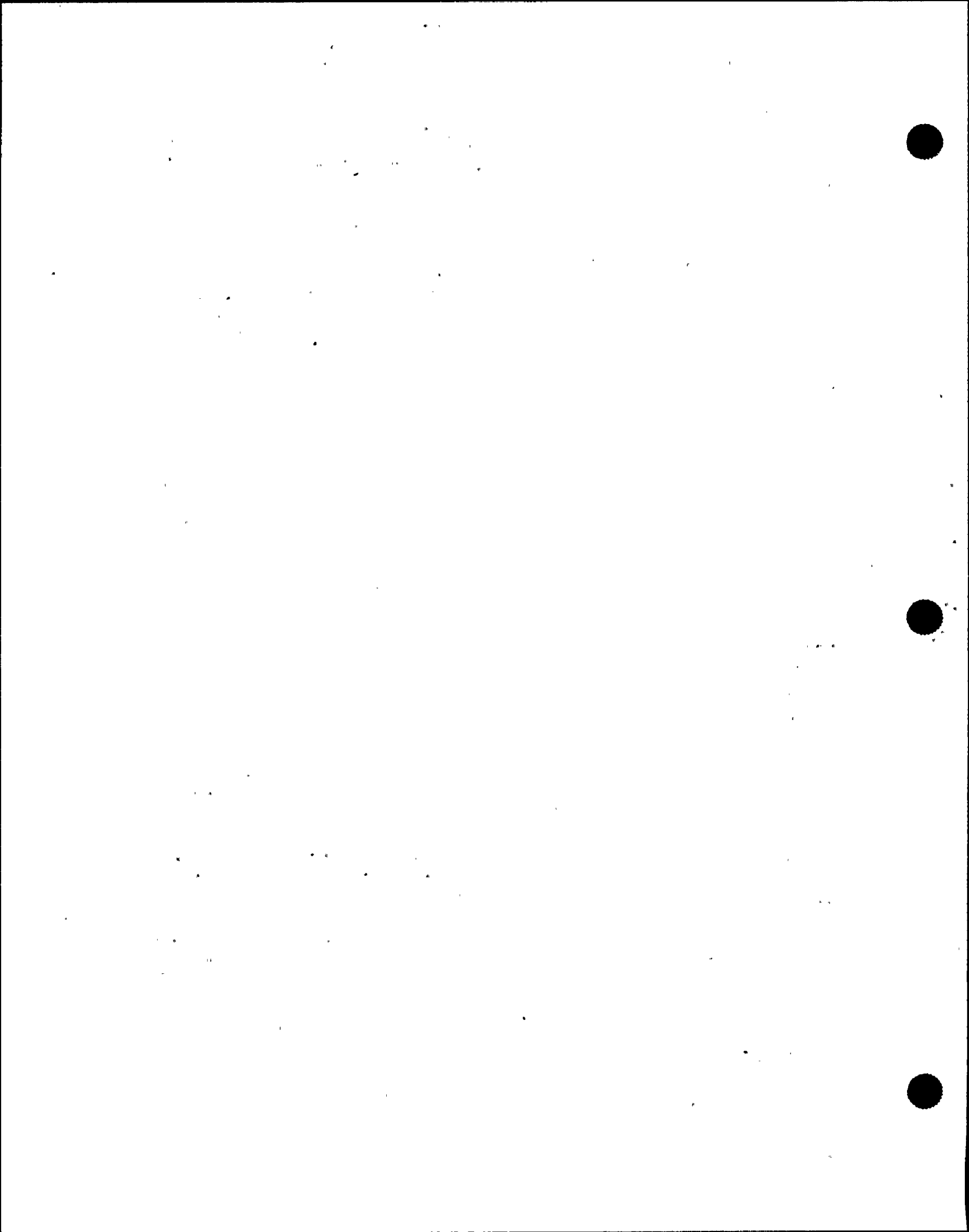
6. Design Conditions 160 psi 350 °F or Valve Pressure Class 300 (1)

7. Cold Working Pressure 720 psi at 100°F.

8. Pressure Retaining Pieces

	Mark No.	Material Spec No.	Manufacturer	Remarks
(a) Castings				
(b) Forgings				

(1) For manually operated valves only.
 *Supplemental information in the form of lists, sketches, or drawings may be used provided (1) one 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 the form, and (4) each additional sheet shall be signed by the Certificate Holder and the ANI.



HEX HD CAP SCR: HT. IG 5224	ASME-SA-193 GR. B8	CYCLOPS
HEX NUT HT. IG 5224	ASME-SA-194 GR. 8	CYCLOPS
(d) Other Parts		
Body HT. 626299, 44, 97	ASME-SA-479- TY. 316	AFMCG CARPENTER TECH
END CAP HT. 17717	ASME-SA-479 TY. 316	
BALL HT. A20185	ASME-SA-479 TY. 316	COLT INDUSTRIES CRUCIBLE SEC. 21 METALS DIV. 31

9. Hydrostatic test 1100 psi. Disk Differential test pressure N/A 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 7^{1/2}.

Addenda SUM, 1975, Code Case No. N/A Date 1-31-86

Signed CONTRONATICS by Thomas W. Harrison O.E. Squire

Our ASME Certificate of Authorization No. 14-1934 to use the II symbol expires 11-18-86

CERTIFICATION OF DESIGN

Design information on file at CONTRONATICS

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

Design specifications certified by (1) RAJAN V. PAREKH

PE State PA. Reg. No. 29882-E

Stress analysis certified by (1) _____

PE State _____ Reg. No. _____

(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 CONNECTICUT and employed by CONTRONATICS

of LONG GROOVE, ILL. have inspected the pump, or valve, described in this Data Report on

1-31 19 86, 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 1-31-1986
Frank Crump Commissions 6528
Inspector (Printed Name, State, Prov. and No.)



1. Work performed by Pennsylvania Power and Light WA# V43815
(name of repair or alteration organization) (P.O. no., job no., etc.)
Two North Ninth Street, Allentown, Pa. 18101
(address)

2. Owner Pennsylvania Power and Light
(name)
Two North Ninth Street, Allentown, Pa. 18101
(address)

3. Location of installation Susquehanna Steam Electric Station
(name)
P.O. Box 467, Berwick, Pa. 18603
(address)

4. Unit identification: PRESSURE VESSEL Name of original manufacturer AMETEK HEAT TRANSFER
(boiler, pressure vessel)

5. Identifying nos: A1166 3284 N/A 2E118C 1974
(mfr's serial no.) (original National Board no.) (jurisdiction no.) (other) (year built)

6. Description of work: _____
(use back, separate sheet, or sketch if necessary)

- 1) WA# V43815; CODE REPAIR 94-248-001 - REMOVE AND REPLACE END BELL HALF COUPLING
- 2) WA# V43815; CODE REPAIR C94-248-184 - REMOVE AND REPLACE TUBE BUNDLE

Pressure test, if applied _____ psi

7. Replacement Parts. Attached are Manufacturers' Partial Data Reports properly identified and signed by Authorized Inspectors for the following items of this report

- 1) REPLACEMENT COUPLING WAS MANUFACTURED BY CAPITOL; HT# 0986; YR. BUILT 1982
- 2) REPLACEMENT TUBE BUNDLE WAS MANUFACTURED BY KETEMA, S/N U931506A1

SEE ATTACHED U-2 FOR REPLACEMENT TUBE BUNDLE INFORMATION

(name of part, item number, mfr's name and identifying stamp)

8. Remarks: None

DESIGN CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that the design changes described in this report conform to the requirements of the National Board Inspection Code.

ASME Certificate of Authorization no. N/A to use the N/A symbol expires N/A, 19

Date _____, 19 _____ Signed _____
(name of organization) (authorized representative)

CERTIFICATE OF REVIEW OF DESIGN CHANGE

The undersigned, holding a valid Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of N/A and employed by N/A of N/A has examined the design change as described in this report and verifies that to the best of his knowledge and belief such change complies with the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor his 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date _____, 19 _____ Signed _____ Commissions _____
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

CONSTRUCTION CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that all construction and workmanship on this REPAIR conform to the National Board Inspection Code.
(repair or alteration)

Certificate of Authorization no. N/A to use the N/A symbol expires N/A, 19

Date Nov. 22, 19 95 Signed _____
(name of alteration organization) (authorized representative)

CERTIFICATE OF INSPECTION

The undersigned, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of PENNSYLVANIA and employed by ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASS. has inspected the work described in this report on 10/6, 19 95 and state that to the best of my knowledge and belief this work has been done in accordance with 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date 11/28, 19 95 Signed _____ Commissions PA 02 24619
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

DESIGN CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that the design changes described in this report conform to the requirements of the National Board Inspection Code.

ASME Certificate of Authorization no. N/A to use the N/A symbol expires N/A, 19 .

Date , 19 Signed N/A
(name of organization) (authorized representative)

CERTIFICATE OF REVIEW OF DESIGN CHANGE

The undersigned, holding a valid Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of N/A and employed by N/A

of N/A has examined the design change as described in this report and verifies that to the best of his knowledge and belief such change complies with the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor his 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date , 19 Signed N/A Commissions N/A
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

CONSTRUCTION CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that all construction and workmanship on this REPAIR conform to the National Board Inspection Code.
(repair or alteration)

Certificate of Authorization no. N/A to use the N/A symbol expires N/A, 19

Date Nov 22, 1995 Signed [Signature]
PENNSYLVANIA POWER & LIGHT (name of alteration organization) (authorized representative)

CERTIFICATE OF INSPECTION

The undersigned, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of PENNSYLVANIA and employed by ARKWRIGHT MUTUAL INSURANCE CO.

of WALTHAM, MASS. has inspected the work described in this report on 10/7, 1995 and state that to the best of my knowledge and belief this work has been done in accordance with 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date 11/28, 1995 Signed [Signature] Commissions PA WC 24619
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

DESIGN CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that the design changes described in this report conform to the requirements of the National Board Inspection Code.

ASME Certificate of Authorization no. N/A to use the N/A symbol expires N/A, 19 .

Date , 19 Signed N/A
(name of organization) (authorized representative)

CERTIFICATE OF REVIEW OF DESIGN CHANGE

The undersigned, holding a valid Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of N/A and employed by N/A of N/A has examined the design change as described in this report and verifies that to the best of his knowledge and belief such change complies with the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor his 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date , 19 Signed N/A Commissions N/A
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

CONSTRUCTION CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that all construction and workmanship on this REPAIR conform to the National Board Inspection Code.
(repair or alteration)

Certificate of Authorization no. N/A to use the N/A symbol expires N/A, 19 .

Date Nov. 22, 1995 Signed [Signature]
PENNSYLVANIA POWER & LIGHT (name of alteration organization) (authorized representative)

CERTIFICATE OF INSPECTION

The undersigned, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of PENNSYLVANIA and employed by ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASS. has inspected the work described in this report on 10/12, 1995 and state that to the best of my knowledge and belief this work has been done in accordance with 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date 11/27, 1995 Signed [Signature] Commissions PA WC 24619
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

1. Work performed by Pennsylvania Power and Light WA# V94149
(name of repair or alteration organization) (P.O. no., job no., etc.)
Two North Ninth Street, Allentown, Pa. 18101
(address)

2. Owner Pennsylvania Power and Light
(name)
Two North Ninth Street, Allentown, Pa. 18101
(address)

3. Location of installation Susquehanna Steam Electric Station
(name)
P.O. Box 467, Berwick, Pa. 18603
(address)

4. Unit identification: PRESSURE VESSEL Name of original manufacturer AMETEK HEAT TRANSFER
(boiler, pressure vessel)

5. Identifying nos: A1172 3328 N/A 2E118D 1974
(mfr's serial no.) (original National Board no.) (jurisdiction no.) (other) (year built)

6. Description of work: _____
(use back, separate sheet, or sketch if necessary)

1) WA# V94149; CODE REPAIR C90-248-001 - REMOVE AND REPLACE END BELL HALF COUPLING

Pressure test, if applied _____ psi

7. Replacement Parts. Attached are Manufacturers' Partial Data Reports properly identified and signed by Authorized Inspectors for the following items of this report

1) REPLACEMENT COUPLING WAS MANUFACTURER BY CAPITOL; HT# 0986; YR. BUILT 1982

(name of part, item number, mfr's. name and identifying stamp)

8. Remarks: None

DESIGN CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that the design changes described in this report conform to the requirements of the National Board Inspection Code.

ASME Certificate of Authorization no. N/A to use the N/A symbol expires N/A, 19 .

Date , 19 Signed N/A
(name of organization) (authorized representative)

CERTIFICATE OF REVIEW OF DESIGN CHANGE

The undersigned, holding a valid Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of N/A and employed by N/A of N/A has examined the design change as described in this report and verifies that to the best of his knowledge and belief such change complies with the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor his 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date , 19 Signed N/A Commissions N/A
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

CONSTRUCTION CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that all construction and workmanship on this REPAIR conform to the National Board Inspection Code.
(repair or alteration)

Certificate of Authorization no. N/A to use the N/A symbol expires N/A, 19

Date Nov 22, 1995 Signed [Signature]
PENNSYLVANIA POWER & LIGHT (name of alteration organization) (authorized representative)

CERTIFICATE OF INSPECTION

The undersigned, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of PENNSYLVANIA and employed by ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASS. has inspected the work described in this report on 10/9, 1995 and state that to the best of my knowledge and belief this work has been done in accordance with 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date 11/28, 1995 Signed [Signature] Commissions PA WC 24619
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

FORM U-2 MANUFACTURER'S PARTIAL DATA REPORT
A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

CONTRACT NO
WU-931506A

1. Manufactured and certified by KETEMA, INC., 2300 W. MARSHALL DRIVE, GRAND PRAIRIE, TX 75051
(Name and address of Manufacturer)

2. Manufactured for PENN POWER & LIGHT, US RT. 11, BERWICK, PA 18603
(Name and address of Purchaser)

3. Location of installation UNKNOWN
(Name and address)

4. Type: TUBE BUNDLE U931506A1-4
(Description of vessel part (shell, two-piece head, tube bundle)) (Mfg's serial No.) (CRN)

WU931506A KETEMA, INC. 1993
(Mat'l. Sd. No.) (Drawing No.) (Year built)

5. ASME Code, Section VIII, Div. 1 1992
(Edition and Addenda (date)) Code Case No. Special Service per UG-120(d)

Items 6-11 incl. to be completed for single wall vessels, jackets of jacketed vessels, shell of heat exchangers, or chamber of multi-chamber vessels.

6. Shell (a) No. of course(s): _____ (b) Overall length, ft & in.: _____

Course(s)			Material		Thickness		Long. Joint (Cat. A)			Circum. Joint (Cat. A, B, & C)			Heat Treatment	
No.	Diameter, in.	Length, ft & in.	Spec./Grade or Type	Nom.	Corr.	Type	Full, Soot, None	Eff.	Type	Full, Soot, None	Eff.	Temp.	Time	

7. Heads: (a) _____ (b) _____
(Mat'l Spec. No., Grade or Type) M.T. - Time & Temp. (Mat'l Spec. No., Grade or Type) M.T. - Time & Temp.

Location (Top, Bottom, Ends)	Thickness		Radius		Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure		Category A		
	Min.	Corr.	Crown	Knuckle					Convex	Concave	Type	Full, Soot, None	Eff.
(a)													
(b)													

8. Gaskets, bolts used (describe other fastening) _____
(Mat'l Spec. No., Grade, Size, No.)

9. Type of jacket _____ Jacket closure _____
(Describe as open, & weld, bar, etc.)

If bar, give dimensions _____ If bolted, describe or sketch.

9. MAWP _____ psi at max. temp. _____ °F. Min. design metal temp. _____ °F at _____ psi.
(Internal) (External) (Internal) (External)

10. Impact test _____
(Indicate yes or no and the component(s) impact tested)

11. Hydro., pneu., or comb. test press. _____ Proof test _____

Items 12 and 13 to be completed for tube sections.

12. Tubesheet: SB-171-464 9 7/8 3/4 0 BOLTED
Stationary (Mat'l. Spec. No.) Di., in. (subject to press.) Nom. Thk., in. Corr. Allow., in. Attachment (welded or bolted)

SB-171-464 8 1 1/4 0
Flaring (Mat'l. Spec. No.) Di., in. Nom. Thk., in. Corr. Allow., in. Attachment

13. Tubes: SB-359-443 5/8 18 76 STRAIGHT
Mat'l. Spec. No., Grade or Type O.D., in. Nom. Thk. XX of gauge Number Type (Straight or U)

Items 14-18 incl. to be completed for inner chambers of jacketed vessels or channels of heat exchangers.

14. Shell (a) No. of course(s): _____ (b) Overall length, ft & in.: _____

Course(s)			Material		Thickness		Long. Joint (Cat. A)			Circum. Joint (Cat. A, B, & C)			Heat Treatment	
No.	Diameter, in.	Length, ft & in.	Spec./Grade or Type	Nom.	Corr.	Type	Full, Soot, None	Eff.	Type	Full, Soot, None	Eff.	Temp.	Time	

MODIFICATION INSTALLATION GROUP

NIS-2 FORMS

WORK ABSTRACT

The Modification Installation Group and Site Modifications Group are responsible for preparing Construction Work Authorizations (work packages) for fabrication and installation of design changes in accordance with ASME Sections XI. This work is documented on NIS-2 Forms which are submitted herewith.

MODIFICATION INSTALLATION GROUP

Design Change Packages for ASME Section XI (Class 1, 2 and 3) installed in Unit 2 since the completion of the Sixth Refueling Outage through completion of the Seventh Refueling Outage are summarized below:

DESIGN CHANGE PACKAGE NUMBER	SYSTEM / CLASS	DESCRIPTION
90-3086	225A III	Modify Pipe Supports
94-3039B	234I II	Deletion of MSIV Leakage Control System
94-3022A	239 *	Installation of Sightglass in 2F106A
94-3022B	239 *	Installation of Sightglass in 2F106B
94-3022C	239 *	Installation of Sightglass in 2F106C
94-3022D	239 *	Installation of Sightglass in 2F106D
94-3022E	239 *	Installation of Sightglass in 2F106E
94-3022F	239 *	Installation of Sightglass in 2F106F
94-3024A, B, C & D	249A III	Installation of RHR Pump Motor Oil Cooling Coil
94-9083, 94-9084	249B II	Removed PSV251F055A & B and PSV251F141A & B
94-9084	250A II	Removed PSV 251F097
91-3006, 91-3007, 91-3008	254A III	Replaced Valves at HPCI, RCIC & Core Spray Room Coolers
95-9015	264B I	Reworked Pipe Supports
95-9059	264D II	Installed New Pipe Supports
88-3078	269A II	Pressure Testing of Containment Isolation Valves
89-3021D	273A II	Installation of CRM Piping
94-3039B & E	283A I	Deletion of MSIV Leakage Control System
94-3039A, B & E	283A II	Deletion of MSIV Leakage Control System
94-9089	283A II	Installation of WEAR Restraint
94-3039B & E	283H I	Deletion of MSIV Leakage Control System
94-3039B & E	283H II	Deletion of MSIV Leakage Control System
94-3039B & E	283H III	Deletion of MSIV Leakage Control System

* Repair of a ASME Section VIII vessel in a non-nuclear system.

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

1. Owner Pennsylvania Power & Light Co. Date May 4, 1995
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 DCP 90-9086, WA C34081, C34082
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol Stamp None
Name
Two North Ninth St., Allentown, PA 18101
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System CONTAINMENT INSTRUMENT GAS SYSTEM 225A CLASS III
5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 thru W81 and IWF-7000 Winter 1982 Addenda
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)
PIPE SUPPORT	BECHTEL	N/A	N/A	SP-CCC-201-H5000	1983	REPLACED	NO
PIPE SUPPORT	PP+L	N/A	N/A	SP-CCC-201-H5000	1994	REPLACEMENT	NO
PIPE SUPPORT	BECHTEL	N/A	N/A	SP-HCC-240-H5001	1983	REPLACED	NO
PIPE SUPPORT	PP+L	N/A	N/A	SP-HCC-240-H5001	1994	REPLACEMENT	NO
PIPE SUPPORT	BECHTEL	N/A	N/A	SP-CCC-202-H1	1983	REPLACED	NO
PIPE SUPPORT	PP+L	N/A	N/A	SP-CCC-202-H1	1994	REPLACEMENT	NO

7. Description of Work Pipe supports were modified to support piping rework
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure NONE REQUIRED
 Other Pressure _____ psi Test Temp. _____ °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 This NIS-2 is being submitted to report pipe support work that should have been included in an
Applicable Manufacturer's Data Reports to be attached
NIS-2, for system 225A-III, previously submitted with the Unit 2 Sixth Outage Summary Report.

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 May 5, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of
WALTHAM, MASSACHUSETTS have inspected the components described
in this Owner's Report during the period 9-27-93 to 10-30-93, and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this 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 7866 PA.WC 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date May 5 19 95

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

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
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, Berwick, PA 18603 DCP 94-3039B WA's C53292 & C53197
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 ZONE II - EQUIPMENT EXHAUST

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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" - 1500# GLOBE VALVE	YARWAY	6390	N/A	RV-PP-23905B	1976	REPLACED	YES
1" - 1500# GLOBE VALVE	YARWAY	6476	N/A	RV-PP-23905A	1976	REPLACED	YES
1" - 1500# GLOBE VALVE	YARWAY	5887	N/A	RV-PP-23908	1976	REPLACED	YES
4" PIPE ASSEMBLY	BECHTEL	N/A	N/A	HBB254-1	1983	REPLACED	YES
3" PIPE ASSEMBLY	BECHTEL	N/A	N/A	HBB255-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPHBB254-1	1983	REPLACED	YES

7. Description of Work PERMANENT REMOVAL OF MSIV-LCS SYSTEM

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure NONE
 Other Pressure psi Test Temp. °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 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 Nov. 21, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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.

Delton E. Tillery Commissions NB8845 Pa2361 BNIS IS
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-23 19 95

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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 21, 1995
 Sheet 2 of 2

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

Unit TWO
 DCP 94-3039B WA's C53292 & C53197
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

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

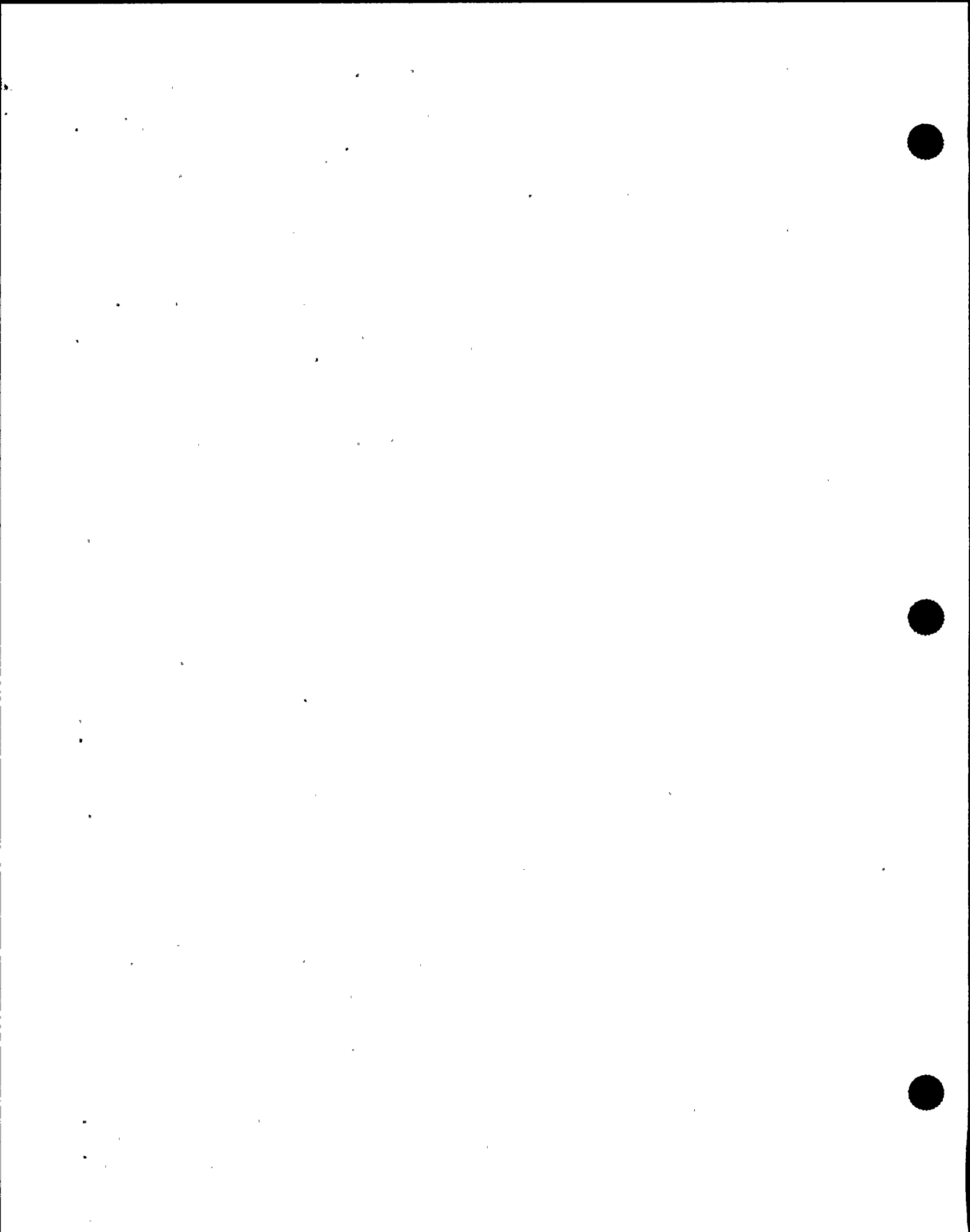
4. Identification of System ZONE II - EQUIPMENT EXHAUST

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPHBB255-1	1983	REPLACED	YES
LARGE PIPE SUPPORT	BECHTEL	N/A	N/A	HBB254-H51	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHBB254-H52	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHBB255-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHBB255-H5002	1983	REPLACED	NO



FORM R-1, REPORT OF WELDED REPAIR OR ALTERATION
as required by the provisions of the National Board Inspection Code

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1. Work performed by Pennsylvania Power and Light DCP 94-3022A / WA# C43515
(name of repair or alteration organization) (P.O. no., job no., etc.)
Two North Ninth Street, Allentown, Pa. 18101
(address)

2. Owner Pennsylvania Power and Light
(name)
Two North Ninth Street, Allentown, Pa. 18101
(address)

3. Location of installation Susquehanna Steam Electric Station
(name)
P.O. Box 467, Berwick, Pa. 18603
(address)

4. Unit Identification: Condensate Demineralizer Name of original manufacturer Allied Steel Products Corporation
(boiler, pressure vessel)

5. Identifying nos: K-74-70 7597 PA469490 2F-106A 1976
(mfr's serial no.) (original National Board no.) (jurisdiction no.) (other) (year built)

6. Description of work: Installed two J.G. Papailias Co. Inc., Sightglasses Part# NW125DW/HP/316/CS/CS/TBS/NAS
(use back, separate sheet, or sketch if necessary)

Pressure test, if applied .480 psi

7. Replacement Parts. Attached are Manufacturers' Partial Data Reports properly identified and signed by Authorized Inspectors for the following items of this report
NONE

8. Remarks: NONE

(name of part, item number, mfr's. name and identifying stamp)

DESIGN CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that the design changes described in this report conform to the requirements of the National Board Inspection Code.

ASME Certificate of Authorization no. _____ to use the _____ symbol expires _____, 19____.

Date _____, 19____ Signed _____
(name of organization) (authorized representative)

CERTIFICATE OF REVIEW OF DESIGN CHANGE

The undersigned, holding a valid Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of _____ and employed by _____ of _____ has examined the design change as described in this report and verifies that to the best of his knowledge and belief such change complies with the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor his 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date _____, 19____ Signed _____ Commissions _____
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

CONSTRUCTION CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that all construction and workmanship on this REPAIR conform to the National Board Inspection Code.
(repair or alteration)

Certificate of Authorization no. _____ N/A to use the _____ N/A symbol expires _____ N/A, 19____.

Date Nov 22, 1995 Signed _____
_____ (name of repair organization) (authorized representative)
Pennsylvania Power and Light

CERTIFICATE OF INSPECTION

The undersigned, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of PENNSYLVANIA and employed by ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASS. has inspected the work described in this report on 11-23, 1995 and state that to the best of my knowledge and belief this work has been done in accordance with 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date 11-23, 1995 Signed Delton E. Tillery Commissions Pa2361
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

DESIGN CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that the design changes described in this report conform to the requirements of the National Board Inspection Code.

ASME Certificate of Authorization no. _____ to use the _____ symbol expires _____, 19____.

Date _____, 19____ Signed _____
(name of organization) (authorized representative)

CERTIFICATE OF REVIEW OF DESIGN CHANGE

The undersigned, holding a valid Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of _____ and employed by _____ of _____ has examined the design change as described in this report and verifies that to the best of his knowledge and belief such change complies with the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor his 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date _____, 19____ Signed _____ Commissions _____
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

CONSTRUCTION CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that all construction and workmanship on this _____ REPAIR _____ conform to the National Board Inspection Code.
(repair or alteration)

Certificate of Authorization no. _____ N/A _____ to use the _____ N/A _____ symbol expires _____ N/A _____, 19____

Date Nov 22, 1995 Signed _____
_____ Pennsylvania Power and Light _____
(name of repair organization) (authorized representative)

CERTIFICATE OF INSPECTION

The undersigned, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of PENNSYLVANIA and employed by ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASS. has inspected the work described in this report on 11-23, 1995 and state that to the best of my knowledge and belief this work has been done in accordance with 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date 11-23, 1995 Signed Delton E. Tillery Commissions Pa 2361
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

1. Work performed by Pennsylvania Power and Light DCP 94-3022C / WA# C43479
(name of repair or alteration organization) (P.O. no., job no., etc.)
Two North Ninth Street, Allentown, Pa. 18101
(address)

2. Owner Pennsylvania Power and Light
(name)
Two North Ninth Street, Allentown, Pa. 18101
(address)

3. Location of Installation Susquehanna Steam Electric Station
(name)
P.O. Box 467, Berwick, Pa. 18603
(address)

4. Unit Identification: Condensate Demineralizer Name of original manufacturer Allied Steel Products Corporation
(boiler, pressure vessel)

5. Identifying nos: W-8496-F 7966 PA469492 2F-106C 1976
(mfr's serial no.) (original National Board no.) (jurisdiction no.) (other) (year built)

6. Description of work: Installed two J.G. Papailias Co. Inc., Sightglasses Part# NW125DW/HP/316/CS/CS/TBS/NAS
(use back, separate sheet, or sketch if necessary)

Pressure test, if applied 450 psi

7. Replacement Parts Attached are Manufacturers' Partial Data Reports properly identified and signed by Authorized Inspectors for the following items of this report
NONE

(name of part, item number, mfr's name and identifying stamp)

8. Remarks: NONE

DESIGN CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that the design changes described in this report conform to the requirements of the National Board Inspection Code.

ASME Certificate of Authorization no. _____ to use the _____ symbol expires _____, 19____.

Date _____, 19____ Signed _____
(name of organization) (authorized representative)

CERTIFICATE OF REVIEW OF DESIGN CHANGE

The undersigned, holding a valid Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of _____ and employed by _____ of _____ has examined the design change as described in this report and verifies that to the best of his knowledge and belief such change complies with the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor his 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date _____, 19____ Signed _____ Commissions _____
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

CONSTRUCTION CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that all construction and workmanship on this _____ REPAIR _____ conform to the National Board Inspection Code.
(repair or alteration)

Certificate of Authorization no. _____ N/A _____ to use the _____ N/A _____ symbol expires _____ N/A _____, 19____

Date Nov 22, 1995 Signed _____
_____ Pennsylvania Power and Light _____
(name of repair organization) (authorized representative)

CERTIFICATE OF INSPECTION

The undersigned, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of PENNSYLVANIA and employed by ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASS. has inspected the work described in this report on 11-23, 1995 and state that to the best of my knowledge and belief this work has been done in accordance with 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date 11-23, 1995 Signed Delton E. Tilley Commissions Pa 2361
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

DESIGN CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that the design changes described in this report conform to the requirements of the National Board Inspection Code.

ASME Certificate of Authorization no. _____ to use the _____ symbol expires _____, 19____.

Date _____, 19____ Signed _____
(name of organization) (authorized representative)

CERTIFICATE OF REVIEW OF DESIGN CHANGE

The undersigned, holding a valid Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of _____ and employed by _____ of _____ has examined the design change as described in this report and verifies that to the best of his knowledge and belief such change complies with the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor his 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date _____, 19____ Signed _____ Commissions _____
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

CONSTRUCTION CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that all construction and workmanship on this _____ REPAIR _____ conform to the National Board Inspection Code.
(repair or alteration)

Certificate of Authorization no. _____ N/A _____ to use the _____ N/A _____ symbol expires _____ N/A _____, 19____

Date Nov 22, 19 95 Signed _____
_____ Pennsylvania Power and Light _____
(name of repair organization) (authorized representative)

CERTIFICATE OF INSPECTION

The undersigned, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of _____ PENNSYLVANIA _____ and employed by _____ ARKWRIGHT MUTUAL INSURANCE CO. _____ of _____ WALTHAM, MASS. _____ has inspected the work described in this report on _____ 11-23 _____, 1995

and state that to the best of my knowledge and belief this work has been done in accordance with 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date 11-23, 19 95 Signed Delton E. Tillery Commissions Pa 2361
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

1. Work performed by Pennsylvania Power and Light DCP 94-3022E / WA# C43443
(name of repair or alteration organization) (P.O. no., job no., etc.)
Two North Ninth Street, Allentown, Pa. 18101
(address)
2. Owner Pennsylvania Power and Light
(name)
Two North Ninth Street, Allentown, Pa. 18101
(address)
3. Location of Installation Susquehanna Steam Electric Station
(name)
P.O. Box 467, Berwick, Pa. 18603
(address)
4. Unit Identification: Condensate Demineralizer Name of original manufacturer Allied Steel Products Corporation
(boiler, pressure vessel)
5. Identifying nos: K-74-70 7594 PA480627 2F-106E 1975
(mfr's serial no.) (original National Board no.) (jurisdiction no.) (other) (year built)
6. Description of work: Installed two J.G. Papailias Co. Inc., Sightglasses Part# NW125DW/HP/316/CS/CS/TBS/NAS
(use back, separate sheet, or sketch if necessary)

Pressure test, if applied 460 / 470 psi

7. Replacement Parts. Attached are Manufacturers' Partial Data Reports properly identified and signed by Authorized Inspectors for the following items of this report

NONE

(name of part, item number, mfr's. name and identifying stamp)

8. Remarks:

NONE

DESIGN CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that the design changes described in this report conform to the requirements of the National Board Inspection Code.

ASME Certificate of Authorization no. _____ to use the _____ symbol expires _____, 19____

Date _____, 19____ Signed _____
(name of organization) (authorized representative)

CERTIFICATE OF REVIEW OF DESIGN CHANGE

The undersigned, holding a valid Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of _____ and employed by _____ of _____ has examined the design change as described in this report and verifies that to the best of his knowledge and belief such change complies with the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor his 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date _____, 19____ Signed _____ Commissions _____
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

CONSTRUCTION CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that all construction and workmanship on this _____ REPAIR _____ conform to the National Board Inspection Code.
(repair or alteration)

Certificate of Authorization no. _____ N/A _____ to use the _____ N/A _____ symbol expires _____ N/A _____, 19____

Date Nov 22, 1995 Signed _____
_____ Pennsylvania Power and Light _____
(name of repair organization) (authorized representative)

CERTIFICATE OF INSPECTION

The undersigned, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of _____ PENNSYLVANIA _____ and employed by _____ ARKWRIGHT MUTUAL INSURANCE CO. _____ of _____ WALTHAM, MASS. _____ has inspected the work described in this report on _____ 11-23 _____, 1995 and state that to the best of my knowledge and belief this work has been done in accordance with 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date 11-23, 1995 Signed Delton E. Tillery Commissions Pa 2361
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

DESIGN CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that the design changes described in this report conform to the requirements of the National Board Inspection Code.

ASME Certificate of Authorization no. _____ to use the _____ symbol expires _____, 19 _____

Date _____, 19 _____ Signed _____
(name of organization) (authorized representative)

CERTIFICATE OF REVIEW OF DESIGN CHANGE

The undersigned, holding a valid Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of _____ and employed by _____ of _____ has examined the design change as described in this report and verifies that to the best of his knowledge and belief such change complies with the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor his 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date _____, 19 _____ Signed _____ Commissions _____
(Authorized Inspector) (National Board (incl. endorsements), state, prov., and no.)

CONSTRUCTION CERTIFICATION

The undersigned certifies that the statements made in this report are correct and that all construction and workmanship on this _____ REPAIR _____ conform to the National Board Inspection Code.
(repair or alteration)

Certificate of Authorization no. _____ N/A _____ to use the _____ N/A _____ symbol expires _____ N/A _____, 19 _____

Date Nov 22, 19 95 Signed _____ Pennsylvania Power and Light _____
(name of repair organization) (authorized representative)

CERTIFICATE OF INSPECTION

The undersigned, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of PENNSYLVANIA and employed by ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASS. has inspected the work described in this report on 11-23, 1995 and state that to the best of my knowledge and belief this work has been done in accordance with 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, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date 11-23, 19 95 Signed Delton E. Tillery Commissions Pa 2361
(Authorized Inspector) (National 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 Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date October 26, 1995

Sheet 1 of 2

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

Unit Two

DCP's 94-3024A, B, C, & D
WA #'s SEE REMARKS
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 RHR Suppression Pool Spray, Pump, & Auxiliaries System 249A, Class III

5. (a) Applicable Construction Code III 19 71 Edition, Winter 1972 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)
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Small Pipe Subassembly	BECHTEL	N/A	N/A	SP-HBC-239-1	1983	REPLACED	YES
Small Pipe Subassembly	PP&L	N/A	N/A	SP-HBC-239-1	1995	REPLACEMENT	NO
Small Pipe Subassembly	BECHTEL	N/A	N/A	SP-HBC-239-2	1983	REPLACED	YES
Small Pipe Subassembly	PP&L	N/A	N/A	SP-HBC-239-2	1995	REPLACEMENT	NO
Small Pipe Subassembly	BECHTEL	N/A	N/A	SP-HBC-239-3	1983	REPLACED	YES
Small Pipe Subassembly	PP&L	N/A	N/A	SP-HBC-239-3	1995	REPLACEMENT	NO

7. Description of Work Existing Piping Modified To Allow Installation Of RHR Pump Motor Oil Cooling Coil

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure EXEMPT
Other Pressure _____ psi Test Temp. _____ °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 WA #'s C53172, C53173, C53176, C53177, C53180, C53181, C53184, & C53185

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 Nov. 21, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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.

Delton E. Tilley Commissions NB8845 Pa 2361 NIBSIS
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-23 - 19 95

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

1. Owner Pennsylvania Power & Light Co. Date October 26, 1995
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, Berwick, PA 18603 DCP's 94-3024A, B, C, & D
Address WA #'s SEE REMARKS
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. 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 RHR Suppression Pool Spray, Pump, & Auxiliaries System 249A, Class III
5. (a) Applicable Construction Code III 19 71 Edition, Winter 1972 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)
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Small Pipe Subassembly	BECHTEL	N/A	N/A	SP-HBC-239-4	1983	REPLACED	YES
Small Pipe Subassembly	PP&L	N/A	N/A	SP-HBC-239-4	1995	REPLACEMENT	NO
Small Pipe Subassembly	BECHTEL	N/A	N/A	SP-HBC-240-1	1983	REPLACED	YES
Small Pipe Subassembly	PP&L	N/A	N/A	SP-HBC-240-1	1995	REPLACEMENT	NO
Small Pipe Subassembly	BECHTEL	N/A	N/A	SP-HBC-240-2	1983	REPLACED	YES
Small Pipe Subassembly	PP&L	N/A	N/A	SP-HBC-240-2	1995	REPLACEMENT	NO
Small Pipe Subassembly	BECHTEL	N/A	N/A	SP-HBC-240-3	1983	REPLACED	YES
Small Pipe Subassembly	PP&L	N/A	N/A	SP-HBC-240-3	1995	REPLACEMENT	NO
Small Pipe Subassembly	BECHTEL	N/A	N/A	SP-HBC-240-4	1983	REPLACED	YES
Small Pipe Subassembly	PP&L	N/A	N/A	SP-HBC-240-4	1995	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 Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date 10-24-95
 Sheet 1 of 2

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

Unit TWO
DCP 94-9083, 94-9084 / WA C53278, C53279, C53280, C53281,
 C53282, C53283, C53289, C53290, C53291
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 RHR SYSTEM- STEAM CONDENSING MODE -SYSTEM 249B CLASS 2

5. (a) Applicable Construction Code ASME Sec III 19 71 Edition, thru W72 Addenda, SEE REMARKS 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)
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VALVE	LONERGAN	510138-2-4-1	N/A	PSV251F055A	1982	REPLACED	YES
VALVE SURROGATE	PP&L	N/A	N/A	GBB-205-1	1995	REPLACEMENT	NO
VALVE	LONERGAN	510138-2-4-2	N/A	PSV251F055B	1982	REPLACED	YES
VALVE SURROGATE	PP&L	N/A	N/A	GBB-205-2	1995	REPLACEMENT	NO
VALVE	CROSBY	N62934-00-0004	N/A	PSV251F141A	1981	REPLACED	YES
VALVE SURROGATE	PP&L	N/A	N/A	HBB-220-1	1995	REPLACEMENT	NO

7. Description of Work REMOVE RHR VALVES AND REPLACE WITH SURROGATE PIECES

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 280 psi Test Temp. N/A °F SE-249-301

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

PSV251F141A & PSV251F141B-ASME SECTION III, 1977, SUMMER 1977 ADDENDA

PSV251F055A & PSV251F055B-ASME SECTION III, 1974, WINTER 1974 ADDENDA, CODE CASE N-242

251F054A & 251F054B-ASME SECTION III, 1971, WINTER 1972 ADDENDA, CODE CASE 1516-1 & 1534

251118A & 251118B- ASME SECTION III, 1974, WINTER 1974 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 EBS [Signature] Date Nov. 21, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described

In this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB88845 Pa 2361 B N I S I S
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-23 19 95

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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date 10-24-95
 Sheet 2 of 2

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

Unit TWO
DCP 94-9083, 94-9084 / WA C53278, C53279, C53280, C53281,
 C53282, C53283, C53289, C53290, C53291
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 RHR SYSTEM- STEAM CONDENSING MODE -SYSTEM 249B CLASS 2

5. (a) Applicable Construction Code ASME Sec III 19 71 Edition, THRU W72 Addenda, SEE REMARKS 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)
VALVE	CROSBY	N62934-00-0002	N/A	PSV251F141B	1980	REPLACED	YES
VALVE SURROGATE	PP&L	N/A	N/A	HBB-220-1	1995	REPLACEMENT	NO
VALVE	ANCHOR DARLING	E5854-69-3	N/A	251F054A	1976	REPLACED	YES
VALVE SURROGATE	PP&L	N/A	N/A	GBB-211-2	1995	REPLACEMENT	NO
VALVE	ANCHOR DARLING	E5854-69-5	N/A	251F054B	1976	REPLACED	YES
VALVE SURROGATE	PP&L	N/A	N/A	GBB-211-1	1995	REPLACEMENT	NO
VALVE	YARWAY	3484	N/A	251118B	1976	REPLACEMENT	YES
VALVE	YARWAY	B0701	N/A	251118A	1979	REPLACEMENT	YES

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 60531
(Name & Address of Manufacturer)
2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
(Name and Address)
3. Owner MISSISSIPPI POWER AND LIGHT COMPANY
4. Location of Plant PORT GIBSON, MISSISSIPPI
5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"
SERIAL NUMBER(S) B0696 THRU B0720
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

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 1

8. Edition 1974 Addenda Date WINTER 1974 Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	NOVA/HOWMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOWMET CORPORATION	DISC
(b) Forgings	B5	ISA105	CAPE ANN TOOL COMPANY	BODY
	Y8	ISA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr. F62	CYCLOPS CORP.	BACKSEAT BUSHING

(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, 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 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

As Required by the Provisions of the ASME Code Rules

15

1. Manufactured by Yarway Corporation, Blue Bell, PA Order No. 40751
(Name & Address of Manufacturer)

2. Manufactured for Bechtel Power Corporation Order No. 9645-M-251.0
(Name and Address)

3. Owner Mississippi Power and Light Company

4. Location of Plant Port Gibson, Mississippi

5. Pump or Valve Identification Nuclear Service Valves - Serial Numbers
D. Daulton 11/22/78
3461** Thru. 3485* Inclusive
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-04 Prepared by Yarway Corporation

(b) National Board No. None

6. Design Conditions 2350 psi 700 °F or Pressure Class 1500 PSI (1)
(Pressure) (Temperature)

7. The material, design, construction, and workmanship complies with ASME Code Section III. Class 1

Edition 1974, Addenda Date Winter 1974, Case No. None

95210625

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	A5	AMS 5382	Iova/Hornet	Disc
(b) Forgings	N1	SA 105	Cape Ann Tool Co	Body
	YW 684	SA 193 B7	Republic Steel	Backseat Bushi

(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, 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.

3/75 This form (E00027, may be obtained from the Order Dept. ASME, 345 E. 47 St., New York, N.Y. 10017.

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

1. Owner Pennsylvania Power & Light Co. Date 10-26-95
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, Berwick, PA 18603 DCP 94-9084 / WA C53287, C53288
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 REACTOR CORE ISOLATION COOLING SYSTEM - 250A CLASS II

5. (a) Applicable Construction Code ASME Sec III 19 71 Edition, thru W72 Addenda, SEE Code Case
REMARKS
 (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)
VALVE	LONERGAN	510138-2-5-1	N/A	PSV251F097	1983	REPLACED	YES
VALVE SURROGATE	PP&L	N/A	N/A	HBB-213-2	1995	REPLACEMENT	NO

7. Description of Work REMOVE PSV 251F097 VALVE AND REPLACE WITH SURROGATE PIECE

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 22 psi Test Temp. N/A °F TP-000-001

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 N/A

Applicable Manufacturer's Data Reports to be attached

PSV251F097--ASME SECTION III, 1974 EDITION, WINTER 74 ADDENDA, CODE CASE N-242

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 Nov. 20, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9/11/95 to 10/2/95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7266 PAIC24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 29 19 95

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

1. Owner Pennsylvania Power & Light Co. Date November 20, 1995
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, Berwick, PA 18603 DCP's: 91-3006, 91-3007, 91-3008 WA's: C43737,
Address C43739, C43742, C43744, C43746, C43748, C43750
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 EMERGENCY SERVICE WATER System 254A Class III

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 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)
2" BALL VALVE	NELES-JAMESBURY	ND-288249-01AL	N/A	211109	1991	REPLACED	YES
2" BALL VALVE	NELES-JAMESBURY	ND-328996-01A	N/A	211109	1992	REPLACEMENT	YES
2" BALL VALVE	NELES-JAMESBURY	ND-286829-03R	N/A	211111	1990	REPLACED	YES
2" BALL VALVE	NELES-JAMESBURY	ND-328996-01B	N/A	211111	1992	REPLACEMENT	YES
2" BALL VALVE	NELES-JAMESBURY	ND-288249-01V	N/A	211115	1991	REPLACED	YES
2" BALL VALVE	NELES-JAMESBURY	ND-328996-01C	N/A	211115	1992	REPLACEMENT	YES

7. Description of Work Replaced ESW throttle valves at HPCI, RCIC, & Core Spray Room Coolers.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 115 / 111 psl Test Temp. 40 / 34 °F (LOOP "A" / LOOP "B")

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 Existing valves were ASME Section III, 1974 Edition (W75 addenda). New valves are
Applicable Manufacturer's Data Reports to be attached
ASME Section III, 1974 Edition (no addenda). Code data reports are 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 Nov. 20, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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.

Delton E. Tillman Commissions NB8845 Pa2361 B N I 5 IS
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-23 19 95

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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 20, 1995
 Sheet 2 of 2

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

Unit TWO
DCP's: 91-3006, 91-3007, 91-3008 WA's: C43737, C43739, C43742, C43744, C43746, C43748, C43750
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 EMERGENCY SERVICE WATER System 254A Class III

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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2" BALL VALVE	NELES-JAMESBURY	ND-288249-01X	N/A	211117	1991	REPLACED	YES
2" BALL VALVE	NELES-JAMESBURY	ND-328996-01D	N/A	211117	1992	REPLACEMENT	YES
2" BALL VALVE	NELES-JAMESBURY	ND-286829-03J	N/A	211119	1990	REPLACED	YES
2" BALL VALVE	NELES-JAMESBURY	ND-328996-01E	N/A	211119	1992	REPLACEMENT	YES
2" BALL VALVE	NELES-JAMESBURY	ND-286829-03K	N/A	211121	1990	REPLACED	YES
2" BALL VALVE	NELES-JAMESBURY	ND-328996-01T	N/A	211121	1992	REPLACEMENT	YES
2" BALL VALVE	NELES-JAMESBURY	ND-286829-03N	N/A	211123	1990	REPLACED	YES
2" BALL VALVE	NELES-JAMESBURY	ND-328996-01G	N/A	211123	1992	REPLACEMENT	YES
2" BALL VALVE	NELES-JAMESBURY	ND-288249-01AJ	N/A	211125	1991	REPLACED	YES
2" BALL VALVE	NELES-JAMESBURY	ND-328996-01H	N/A	211125	1992	REPLACEMENT	YES

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 Neles-Jamesbury, Inc., 640 Lincoln St., Worcester, MA 01605
(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 or Owner)
3. Location of Installation Pennsylvania Power & Light Co., Susquehanna Steam Electric *
(Name and Address)
4. Pump or Valve Ball Valve Nominal Inlet Size 2 Outlet Size 2
(inch) (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. Std. No.	(g) Year Built
(1) R21	ND-328996-01A	N/A	ND-328996-01Rev. D	3	N/A	1992
(2) R21	ND-328996-01B	N/A	ND-328996-01Rev. D	3	N/A	1992
(3)						
(4)						
(5) R21	ND-328996-01E	N/A	ND-328996-01Rev. D	3	N/A	1992
(6) R21	ND-328996-01F	N/A	ND-328996-01Rev. D	3	N/A	1992
(7) R21	ND-328996-01G	N/A	ND-328996-01Rev. D	3	N/A	1992
(8)						
(9)						
(10)						

5. Emergency Service Water System
*Station, 5Mi NE of Berwick on U.S. RT11
(Brief description of service for which equipment was designed)

6. Design Conditions Seat 177 Body 275 psi 1980 100° °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			
	ASME-SA		
(1) RHU-5	351 Gr. CF8M	Pennsylvania Steel	Body
(2) RHV-5	351 Gr. CF8M	Pennsylvania Steel	Body
(3)			
(4)			
(5) RHT-2	351 Gr. CF8M	Pennsylvania Steel	Body
(6) RHV-4	351 Gr. CF8M	Pennsylvania Steel	Body
(7) RHU-6	351 Gr. CF8M	Pennsylvania Steel	Body
(b) Forgings			
	ASME-SA		
(1) RKA-7	351 Gr. CF8M	Southern Tool	Segment
(2) RKA-19	351 Gr. CF8M	Southern Tool	Segment
(3)			Segment
(4)			
(5) RKA-2	351 Gr. CF8M	Southern Tool	Segment
(6) RKA-16	351 Gr. CF8M	Southern Tool	Segment
(7) RKA-13	351 Gr. CF8M	Southern Tool	Segment

(1) For manually operated valves only.

*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) also is 8 1/2 x 11, (2) information in items 1 through 6 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, and (4) each additional sheet shall be signed by the Certificate Holder and the ANI.



Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting	ASME-SA		
8078476	193 Grade B7	Nova Machine	Hex Hd. Cap Screw (All Valves)
(d) Other Parts	ASME-SA		
(1) RKK-6	240 Type 316	Jessop Steel Co.	End Plate
(2) RKK-11	240 Type 316	Jessop Steel Co.	End Plate
(3)			
(4)			
(5) RKK-2	240 Type 316	Jessop Steel Co.	End Plate
(6) RKK-10	240 Type 316	Jessop Steel Co.	End Plate
(7) RKK-7	240 Type 316	Jessop Steel Co.	End Plate

9. Hydrostatic test 425 psi. Disk Differential test pressure _____ psi. ND-328996-01A, 01B, 01E, 01F, 01G,

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. L, Edition 1974.
 Addenda None, Code Case No. None, Date 26 Feb. 92
 Signed Neles-Jamesbury, Inc. by Donald P. Parker
(N Certificate Holder)
 Our ASME Certificate of Authorization No. N-1228 to use the N symbol expires Oct. 27, 1993
(Date)

CERTIFICATION OF DESIGN

Design information on file at Pennsylvania Power & Light Co., Two North Ninth St., Allentown, PA 08101
 Stress analysis report (Class T only) on file at _____
 Design specifications certified by (1) Frank J. Czysz
 PE State PA Reg. No. PE-0250-49E
 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 Massachusetts and employed by Protection Mutual of Norwood, Massachusetts have inspected the pump, or valve, described in this Data Report on 2-26 1992, 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 2-27 1992 [Signature] Factory Mutual Systems
(Inspector) Commissions 1-917-1301
(N.B.T. Bd., State, Prov. and No.)

26 APR 92 CORRECTED DATA REPORT - ITEM 8B-1 17-172
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 Neles-Jamesbury, Inc., 640 Lincoln St., Worcester MA 01605
(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 or Owner)
3. Location of Installation Pennsylvania Power & Light Co., Susquehanna Stream Electric *
(Name and Address)
4. Pump or Valve Ball Valve . Nominal Inlet Size 2 (inch) Outlet Size 2 (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)	R21	ND-328996-01C	N/A	ND-328996-01Rev.D	3	N/A	1992
(2)	R21	ND-328996-01D	N/A	ND-328996-01Rev.D	3	N/A	1992
(3)	R21	ND-328996-01H	N/A	ND-328996-01Rev.D	3	N/A	1992
(4)	R21	ND-328996-010	N/A	ND-328996-01Rev.D	3	N/A	1992
(5)	R21	ND-328996-01T	N/A	ND-328996-01Rev.D	3	N/A	1992
(6)							
(7)							
(8)							
(9)							
(10)							

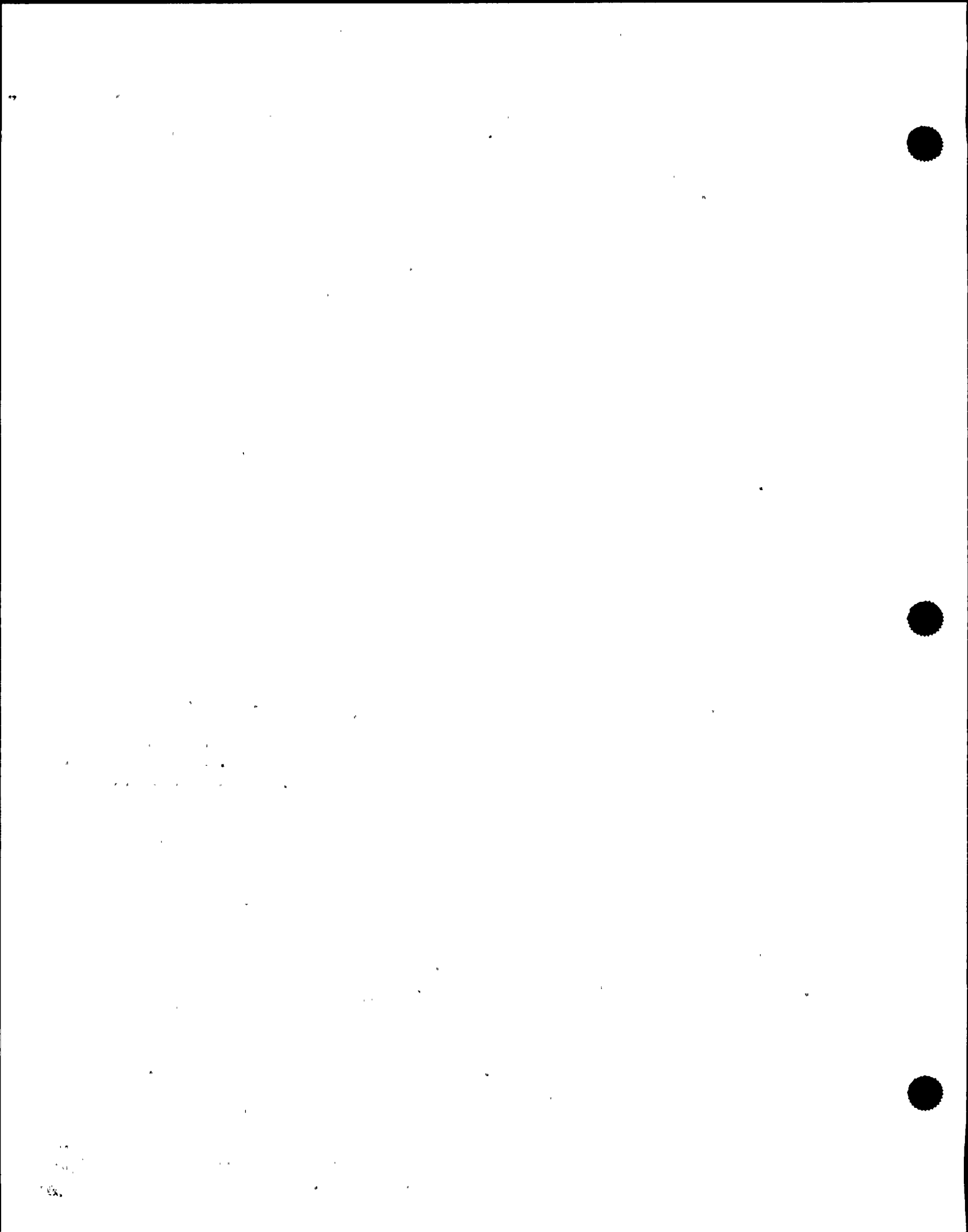
5. Emergency Service Water System
(Brief description of service for which equipment was designed)
*Station, 5Mi NE of Berwick on U.S. Rt. 11
Seat 177 198°
6. Design Conditions Body 275 psi 100° °F or Valve Pressure Class 150 (1)
(Pressure) (Temperature)
7. Cold Working Pressure 275 psi at 100°F.
8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
	ASME-SA		
(1)	RHU-4	351 Gr. CF8M	Pennsylvania Steel Body
(2)	RHU-2	351 Gr. CF8M	Pennsylvania Steel Body
(3)	RHW-4	351 Gr. CF8M	Pennsylvania Steel Body
(4)	RHW-1	351 Gr. CF8M	Pennsylvania Steel Body
(5)	RHU-1	351 Gr. CF8M	Pennsylvania Steel Body
(b) Forgings			
	ASME-SA		
(1)	RKS-6 RKA-6	351 Gr. CF8M	Southern Tool Segment
(2)	RKA-4	351 Gr. CF8M	Southern Tool Segment
(3)	RKA-28	351 Gr. CF8M	Southern Tool Segment
(4)	RKA-26	351 Gr. CF8M	Southern Tool Segment
(5)	RKA-3	351 Gr. CF8M	Southern Tool Segment

(1) For manually operated valves only.

PP&L Doc No. 45

*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, (3) each sheet is numbered and the number of sheets is recorded at the top of this form, and (4) each additional sheet shall be signed by the Certificate Holder and the ANI.



Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting	ASME-SA		
8078476	193 Grade B7	Nova Machine	Hex Hd. Cap Screw (all valves)
(d) Other Parts	ASME-SA		
(1) RKK-5	240 Type 316	Jessop Steel Co.	End Plate
(2) RKK-4	240 Type 316	Jessop Steel Co.	End Plate
(3) RKK-15	240 Type 316	Jessop Steel Co.	End Plate
(4) RKK-13	240 Type 316	Jessop Steel Co.	End Plate
(5) RKK-3	240 Type 316	Jessop Steel Co.	End Plate

9. Hydrostatic test 425 psi. Disk Differential test pressure _____ psi. ND-328996-01C, 01D, 01H, 01O, 01

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 None (Date), Code Case No. None, Date 19 MAR 92.
 Signed Neles-Jamesbury, Inc. by Donald P. Parker
(N Certificate Holder)
 Our ASME Certificate of Authorization No. N-1228 to use the N symbol expires Oct. 27, 1993
(N) (Date)

CERTIFICATION OF DESIGN

Design information on file at Pennsylvania Power & Light Co., Two North Ninth St., Allentown
 Stress analysis report (Class T-only) on file at PA 08101

Design specifications certified by (1) Frank J. Czysz
 PE State PA Reg. No. PE-0250-49E
 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 Massachusetts and employed by Protection Mutual of Norwood, Massachusetts have inspected the pump, or valve, described in this Data Report on 3-19 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 3-19 19 92 Commissions PA #1228 Factory Mutual Systems
K. McTague (Inspector) PA # 2757
(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 Pennsylvania Power & Light Co. Date November 21, 1995
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, Berwick, PA 18603 DCP 95-9015; WA's C53333, C53334, C53335
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 RECIRC. WATER LOOPS & JET PUMPS

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE RESTRAINT	BECHTEL	N/A	N/A	SPDCA251-H5002	1983	REPLACED	NO
SMALL PIPE RESTRAINT	PP&L	N/A	N/A	SPDCA251-H5002	1995	REPLACEMENT	NO
SMALL PIPE RESTRAINT	BECHTEL	N/A	N/A	SPDCA251-H5003	1983	REPLACED	NO
SMALL PIPE RESTRAINT	PP&L	N/A	N/A	SPDCA251-H5003	1995	REPLACEMENT	NO

7. Description of Work REWORKED SUPPORTS TO MITIGATE THE EFFECTS OF VANE PASSING FREQUENCY

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure NONE
 Other Pressure psi Test Temp. °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 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 Nov. 21st, 19 95
(Owner or Owner's Designee, Title) VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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.

Delton E. Tilley Commissions NB8845 Pa2361 B NIS IS
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-23 19 95

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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date 10/15/95
 Sheet 1 of 1

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

Unit TWO
 DCP 95-9059, WA #C53434, C53435
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 Recirc. Seal Water Injection System, 264D Class II

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
Pipe Support	PP&L	N/A	N/A	SPDCB221-H5009	1995	REPLACEMENT	NO
Pipe Support	PP&L	N/A	N/A	SPDBD222-H9003	1995	REPLACEMENT	NO
Pipe Support	PP&L	N/A	N/A	SPDBD222-H9004	1995	REPLACEMENT	NO

7. Description of Work Fabricate & Install new supports SPDCB221-H5009, SPDBD222-H9003,H9004

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure psi Test Temp. °F **NONE REQUIRED**

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 CALCULATIONS EC-PIPE-12254, EC-PIPE-13900, EC-PIPE-10207, EC-PIPE-12253

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 Nov. 21, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB8845 Pa 2361 B N I S I S
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-23 19 95

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

1. Owner Pennsylvania Power & Light Co. Date November 8, 1995
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, Berwick, PA 18603 DCP 88-3078, WA C04395, C04386, C04397,
Address C04387, C04429, C13049, C53386
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 Liquid Radwaste Collection System 269A, Class II

5. (a) Applicable Construction Code ASME Sec III 19 71 Edition, thru W72 Addenda, **Remarks Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 W/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)
3" Gate Valve	Pacific Valve	0310-6	N/A	Valve # HV-26108A1	1976	Replaced	Yes
3" Gate Valve	Anchor Darling	EB153-11-1	N/A	Valve # HV-26108A1	1990	Replacement	Yes
3" Gate Valve	Pacific Valve	0311-6	N/A	Valve # HV-26108A2	1976	Replaced	Yes
3" Gate Valve	Anchor Darling	EB153-11-2	N/A	Valve # HV-26108A2	1990	Replacement	Yes
3" Gate Valve	Pacific Valve	0315-6	N/A	Valve # HV-26116A1	1976	Replaced	Yes
3" Gate Valve	Anchor Darling	EB153-12-1	N/A	Valve # HV-26116A1	1990	Replacement	Yes

7. Description of Work Replaced Pacific valves with Anchor Darling double disc gate valves.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 90 psi Test Temp. 70 °F Ref. NCR 95-001

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 **5(a) Code Case #'s 1335-9, 1622, 1516-1, & 1567.

Applicable Manufacturer's Data Reports to be attached

This NIS-2 being resubmitted to document performance of the pressure test in accordance with

NCR 95-001. Manufacturers data reports are already on file.

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 Nov. 21, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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.

Delton E. Tillery Commissions NB 8845 Pa 2361 B NIS IS
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-23 19 95

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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date November 8, 1995

Sheet 2 of 2

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

Unit TWO

DCP 88-3078, WA C04395, C04386, C04397,
C04387, C04429, C13049, C53386
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 Liquid Radwaste Collection System 269A, Class II

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, **Remarks Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 W/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)
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3" Gate Valve	Pacific Valve	0314-6	N/A	Valve # HV-26116A2	1976	Replaced	Yes
3" Gate Valve	Anchor Darling	EB153-12-2	N/A	Valve # HV-26116A2	1990	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 Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 20, 1995
Sheet 1 of 2

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

Unit TWO
 PMR 89-3021D WA's C13233, C13236, C13238
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 CONTAINMENT RADIATION MONITORING SYSTEM 273A CLASS II

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE ASSEMBLY	PPL	NA	NA	SPHCB258-1	1991	REPLACED	NO
SMALL PIPE ASSEMBLY	PPL	NA	NA	SPHCB258-1	1995	REPLACEMENT	NO
SMALL PIPE ASSEMBLY	PPL	NA	NA	SPHCB259-1	1991	REPLACED	NO
SMALL PIPE ASSEMBLY	PPL	NA	NA	SPHCB259-1	1995	REPLACEMENT	NO
SMALL PIPE ASSEMBLY	PPL	NA	NA	SPHCB260-1	1991	REPLACED	NO
SMALL PIPE ASSEMBLY	PPL	NA	NA	SPHCB260-1	1995	REPLACEMENT	NO

7. Description of Work INSTALLATION AND TESTING OF 1" CRM PIPING

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 67 psl Test Temp. 81 / 88 °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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed [Signature] Date Nov-20, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Delton E. Tillery Commissions NB8845 Pa 2361 B N I S I S National Board, State, Province, and Endorsements

Date 11-23 19 95

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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date November 20, 1995

Sheet 2 of 2

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

Unit Two
PMR 89-3021D WA's C13233, C13236, C13238
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 CONTAINMENT RADIATION MONITORING SYSTEM 273A CLASS II

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE ASSEMBLY	PPL	NA	NA	SPHCB261-1	1991	REPLACED	NO
SMALL PIPE ASSEMBLY	PPL	NA	NA	SPHCB261-1	1995	REPLACEMENT	NO
SMALL PIPE ASSEMBLY	PPL	NA	NA	SPHCB262-1	1991	REPLACED	NO
SMALL PIPE ASSEMBLY	PPL	NA	NA	SPHCB262-1	1995	REPLACEMENT	NO
SMALL PIPE ASSEMBLY	PPL	NA	NA	SPHCB263-1	1991	REPLACED	NO
SMALL PIPE ASSEMBLY	PPL	NA	NA	SPHCB263-1	1995	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 Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 21, 1995
 Sheet 1 of 10

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

Unit One
 DCP's: 94-3039B & 94-3039E WA's: C53195
 C53196; C53293; C53294; C53295; C53296; C53297
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MAIN STEAM SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBA214-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA214-H3000	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA214-H3001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA214-H3002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA214-H3003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA214-H3005	1983	REPLACED	NO

7. Description of Work PERMANENT REMOVAL OF MSIV-LCS SYSTEM

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure SE-200-002
 Other Pressure 1048 psi Test Temp. 155 °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

REPLACEMENT VALVES BUILT TO SECTION III 1974 EDITION, THRU WINTER 1974

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 Nov. 21, 19 95
Owner or Owner's Designee, Type VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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.

Delton E. Tillery Commissions NB8845 Pa 2361 BNIS IS
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-23 19 95

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

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 2 of 10
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
 PO Box 467, Berwick, PA 18603 DCP's: 94-3039B & 94-3039 WA's: C53195
Address C53196; C53293; C53294; C53295; C53296; C53297
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol Stamp None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

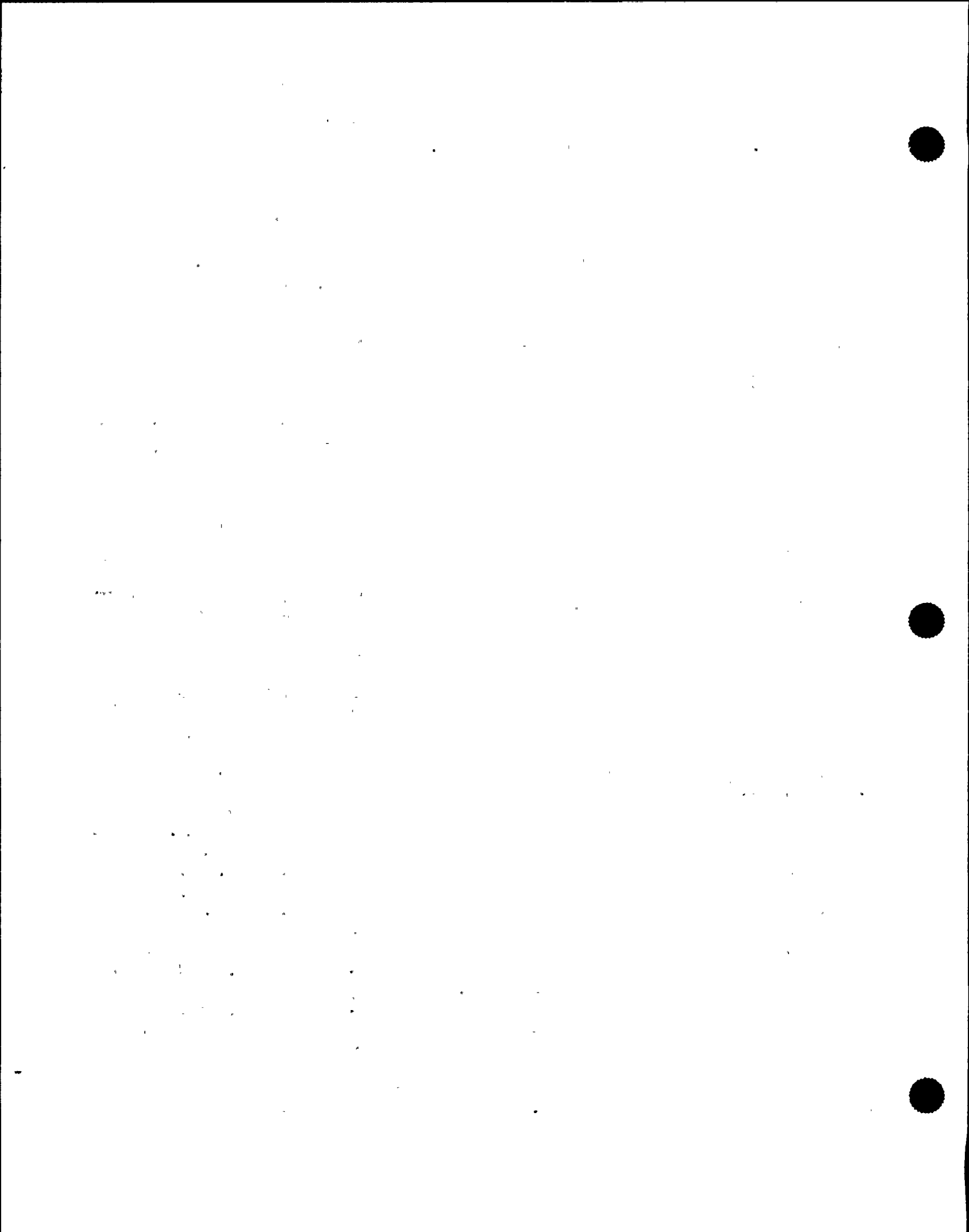
4. Identification of System MAIN STEAM SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA214-H3006	1983	REPLACED	NO
1" 1500# CS GLOBE VALVE	ANCHOR DARLING	A0565	N/A	239F025B	1977	REPLACED	YES
1" 1500# CS GLOBE VALVE	ANCHOR DARLING	A0569	N/A	239F026B	1977	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDCA246-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA246-H3000	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA246-H3001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA246-H3002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA246-H3003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA246-H3004	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA246-H3006	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA246-H3007	1983	REPLACED	NO



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

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 10
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467, Berwick, PA 18603 DCP's: 94-3039B & 94-3039 WA's: C53195
Address C53196; C53293; C53294; C53295; C53296; C53297
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. 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 MAIN STEAM SYSTEM
5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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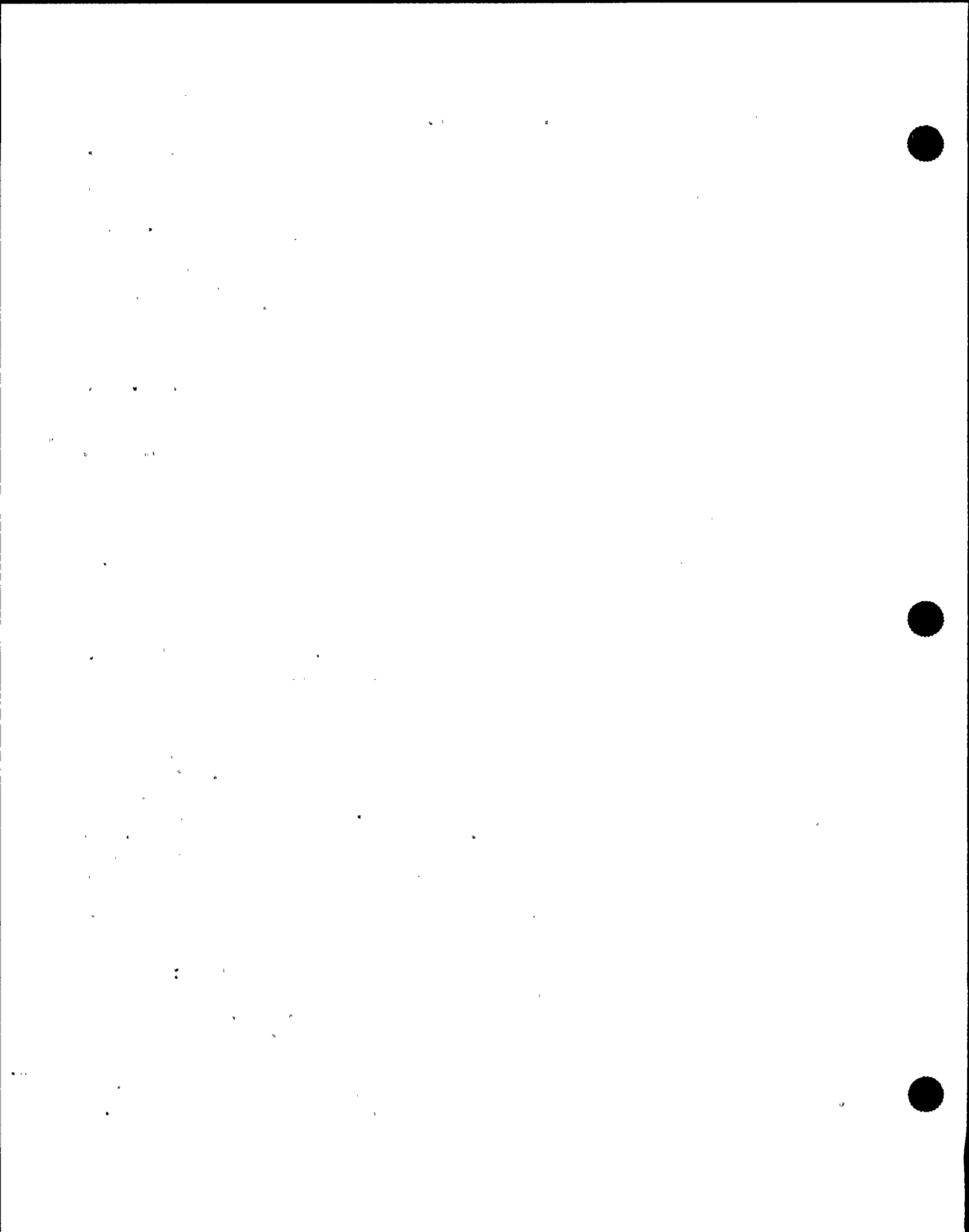
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA246-H3008	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA246-H3009	1983	REPLACED	NO
SMALL PIPE ASSEMBLY	PP&L	N/A	N/A	SPDBA214-1	1995	REPLACEMENT	NO
1" 1500# CS GLOBE VALVE	YARWAY	3447	N/A	241F025A	1976	REPLACEMENT	YES
1" 1500# CS GLOBE VALVE	YARWAY	A8507	N/A	241F026A	1979	REPLACEMENT	YES
1" 1500# CS GLOBE VALVE	YARWAY	A8520	N/A	241F031A	1979	REPLACEMENT	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBA215-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA215-H3001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA215-H3002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA215-H3003	1983	REPLACED	NO
1" 1500# CS GLOBE VALVE	ANCHOR DARLING	A0551	N/A	239F025F	1977	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 Pennsylvania Power & Light Co. Date November 21, 1995
Name
Two North Ninth St., Allentown, PA 18101 Sheet 4 of 10
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467, Berwick, PA 18603 DCP's: 94-30398 & 94-30399 WA's: C53195
Address C53196; C53293; C53294; C53295; C53296; C53297
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. 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 MAIN STEAM SYSTEM
5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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1" 1500# CS GLOBE VALVE	ANCHOR DARLING	A0555	N/A	239F026F	1977	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDCA247-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA247-H3001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA247-H3002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA247-H3003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA247-H3004	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA247-H3005	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA247-H3006	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA247-H3007	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA247-H3008	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA247-H3009	1983	REPLACED	NO



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

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 5 of 10
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
 PO Box 467, Berwick, PA 18603 DCP's: 94-3039B & 94-3039 WA's: C53195
Address C53196; C53293; C53294; C53295; C53296; C53297
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. 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 MAIN STEAM SYSTEM
5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA247-H3010	1983	REPLACED	NO
SMALL PIPE ASSEMBLY	PP&L	N/A	N/A	SPDBA215-1	1995	REPLACEMENT	NO
1" 1500# CS GLOBE VALVE	YARWAY	A8501	N/A	241F025B	1979	REPLACEMENT	YES
1" 1500# CS GLOBE VALVE	YARWAY	A8508	N/A	241F026B	1979	REPLACEMENT	YES
1" 1500# CS GLOBE VALVE	YARWAY	A8523	N/A	241F031B	1979	REPLACEMENT	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBA216-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA216-H3000	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA216-H3001	1983	REPLACED	NO
1" 1500# CS GLOBE VALVE	ANCHOR DARLING	A0575	N/A	239F025K	1977	REPLACED	YES
1" 1500# CS GLOBE VALVE	ANCHOR DARLING	A0546	N/A	239F026K	1977	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDCA248-1	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 Pennsylvania Power & Light Co.
Name

Date November 21, 1995

Two North Ninth St., Allentown, PA 18101
Address

Sheet 6 of 10

2. Plant Susquehanna Steam Electric Station
Name

Unit TWO

PO Box 467, Berwick, PA 18603
Address

DCP's: 94-3039B & 94-3039 WA's: C53195
 C53196; C53293; C53294; C53295; C53296; C53297
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MAIN STEAM SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA248-H3001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA248-H3002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA248-H3003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA248-H3004	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA248-H3005	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA248-H3006	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA248-H3007	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA248-H3008	1983	REPLACED	NO
SMALL PIPE ASSEMBLY	PP&L	N/A	N/A	SPD8A216-1	1995	REPLACEMENT	NO
1" 1500# CS GLOBE VALVE	YARWAY	A8525	N/A	241F025C	1979	REPLACEMENT	YES
1" 1500# CS GLOBE VALVE	YARWAY	A8506	N/A	241F026C	1979	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 Pennsylvania Power & Light Co. Date November 21, 1995
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 7 of 10
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
 PO Box 467, Berwick, PA 18603 DCP's: 94-3039B & 94-3039 WA's: C53195
Address C53196; C53293; C53294; C53295; C53296; C53297
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 MAIN STEAM SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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1" 1500# CS GLOBE VALVE	YARWAY	A8497	N/A	241F031C	1979	REPLACEMENT	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBA217-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA217-H3001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA217-H3002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA217-H3003	1983	REPLACED	NO
1" 1500# CS GLOBE VALVE	ANCHOR DARLING	A0558	N/A	239F025P	1977	REPLACED	YES
1" 1500# CS GLOBE VALVE	ANCHOR DARLING	A0545	N/A	239F026P	1977	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDCA249-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA249-H3001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA249-H3002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA249-H3003	1983	REPLACED	NO

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

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 8 of 10
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
 PO Box 467, Berwick, PA 18603 DCP's: 94-3039B & 94-3039 WA's: C53195
Address C53196; C53293; C53294; C53295; C53296; C53297
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 MAIN STEAM SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA249-H3004	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA249-H3005	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA249-H3006	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA249-H3007	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA249-H3008	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA249-H3009	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA249-H3010	1983	REPLACED	NO
1" 1500# CS GLOBE VALVE	YARWAY	B0643	N/A	241F025D	1979	REPLACEMENT	YES
1" 1500# CS GLOBE VALVE	YARWAY	B0647	N/A	241F026D	1979	REPLACEMENT	YES
1" 1500# CS GLOBE VALVE	YARWAY	3450	N/A	241F031D	1976	REPLACEMENT	YES
MECHANICAL SHOCK SIZE 1/2	PACIFIC SCIENTIFIC	14455	N/A	SPDBA214-H3000	1982	REPLACED	NO



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

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
Name
Two North Ninth St., Allentown, PA 18101 Sheet 9 of 10
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467, Berwick, PA 18603 DCP's: 94-3039B & 94-3039 WA's: C53195
Address C53198; C53293; C53294; C53295; C53296; C53297
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. 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 MAIN STEAM SYSTEM
5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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MECHANICAL SHOCK SIZE 1/2	PACIFIC SCIENTIFIC	14456	N/A	SPDBA214- H3001	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1/4	PACIFIC SCIENTIFIC	24373	N/A	SPDBA214- H3006A	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1/4	PACIFIC SCIENTIFIC	24378	N/A	SPDBA214- H3006B	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1/4	PACIFIC SCIENTIFIC	28729	N/A	SPDBA215- H3002	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1	PACIFIC SCIENTIFIC	21538	N/A	SPDBA217- H3003	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1/4	PACIFIC SCIENTIFIC	29175	N/A	SPDCA246- H3006	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1/4	PACIFIC SCIENTIFIC	16388	N/A	SPDCA246- H3007	1980	REPLACED	NO
MECHANICAL SHOCK SIZE 1/4	PACIFIC SCIENTIFIC	24377	N/A	SPDCA246- H3008	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1/2	PACIFIC SCIENTIFIC	14454	N/A	SPDCA247- H3001	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1/4	PACIFIC SCIENTIFIC	24371	N/A	SPDCA247- H3003	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1/4	PACIFIC SCIENTIFIC	23609	N/A	SPDCA248- H3001	1981	REPLACED	NO

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

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
Name
Two North Ninth St., Allentown, PA 18101 Sheet 10 of 10
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467, Berwick, PA 18603 DCP's: 94-3039B & 94-3039 WA's: C53195
Address C53196; C53293; C53294; C53295; C53296; C53297
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 MAIN STEAM SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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MECHANICAL SHOCK SIZE 1/2	PACIFIC SCIENTIFIC	17193	N/A	SPDCA248- H3003	1983	REPLACED	NO
MECHANICAL SHOCK SIZE 1/4	PACIFIC SCIENTIFIC	23610	N/A	SPDCA248- H3004	1981	REPLACED	NO
MECHANICAL SHOCK SIZE 1/2	PACIFIC SCIENTIFIC	17194	N/A	SPDCA249- H3001	1983	REPLACED	NO
MECHANICAL SHOCK SIZE 1/2	PACIFIC SCIENTIFIC	17195	N/A	SPDCA249- H3002	1983	REPLACED	NO
MECHANICAL SHOCK SIZE 1/2	PACIFIC SCIENTIFIC	17196	N/A	SPDCA249- H3004	1983	REPLACED	NO

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

As Required by the Provisions of the ASME Code Rules

P. O. # 46556

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA, 19422 Order No. 60531
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"

SERIAL NUMBER(S) B0646 THRU B0670

(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

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

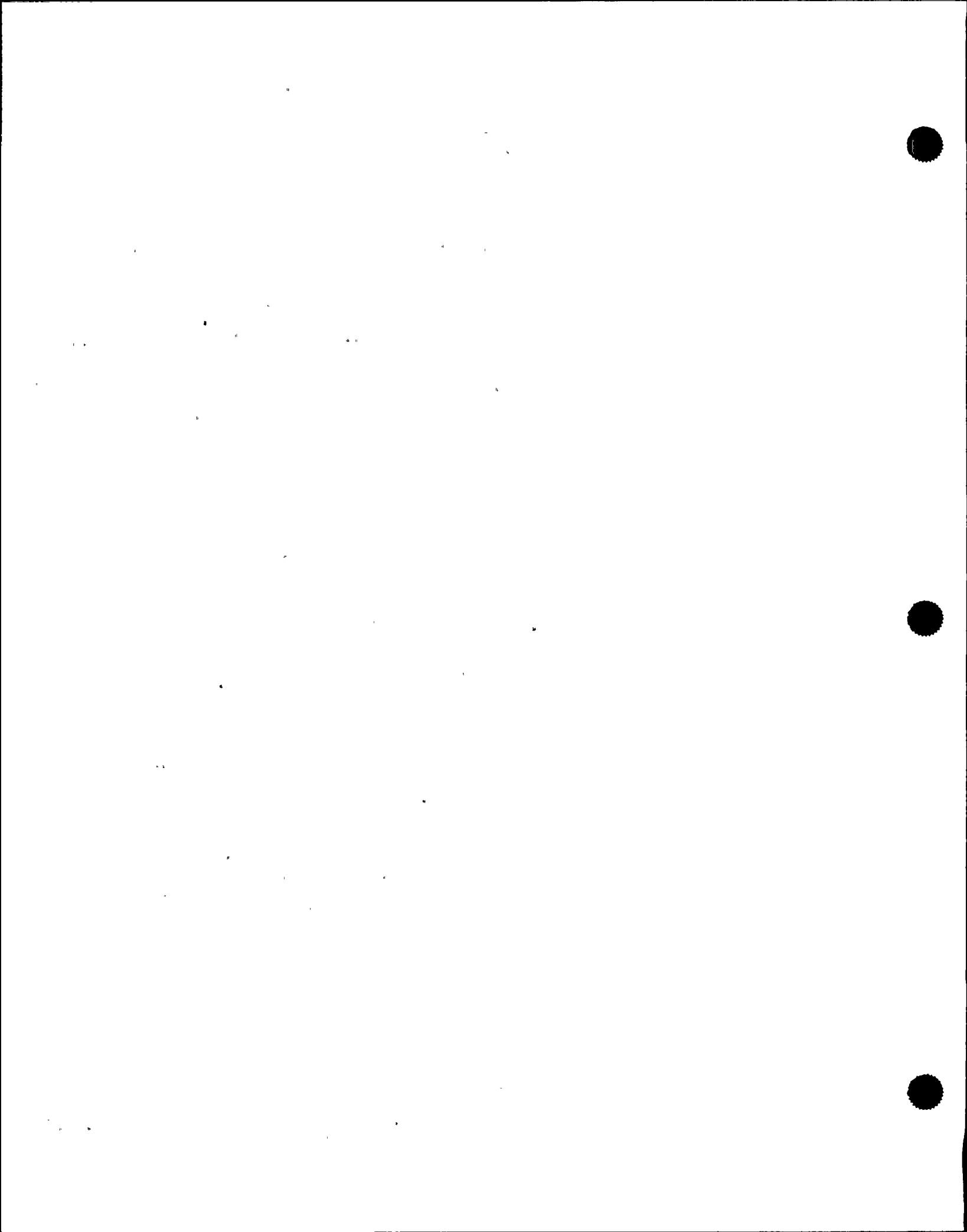
7. The material, design, construction, and workmanship complies with ASME Code Section III Class 1

Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	NOVA/HOWMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOWMET CORPORATION	DISC
(b) Forgings	B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr. F6a	CYCLOPS CORP.	BACKSEAT BUSHING

(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, 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 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

12

As Required by the Provisions of the ASME Code Rules

1. Manufactured by Yarway Corporation, Blue Bell, PA Order No. 40751
(Name & Address of Manufacturer)

2. Manufactured for Bechtel Power Corporation Order No. 9645-M-251.0
(Name and Address)

3. Owner Mississippi Power and Light Company

4. Location of Plant Port Gibson, Mississippi

5. Pump or Valve Identification Nuclear Service Valves - Serial Numbers
3436 Thru. 3460 Inclusive
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-04 Prepared by Yarway Corporation

(b) National Board No. None

6. Design Conditions 2350 psi 700 °F or Pressure Class 1500 PSI (1)
(Pressure) (Temperature)

7. The material, design, construction, and workmanship complies with ASME Code Section III. Class I
 Edition 1974, Addenda Date Winter 1974, Case No. None

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	A5	AMS 5382	Nova/Howmet	Disc
(b) Forgings	N1	SA 105	Cape Ann Tool Co.	Body
	YW 684	SA 193 B7	Republic Steel	Backseat Bushing

(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, 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.

3/75 This form (E00037, may be obtained from the Order Dept., ASME, 345 E. 47 St., New York, N.Y. 10017.



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

As Required by the Provisions of the ASME Code Rules

P. O. # 46556

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 60531
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"
 SERIAL NUMBER(S) B0621 THRU B0645
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-05 Prepared by YARWAY CORPORATION

(b) National Board No. _____

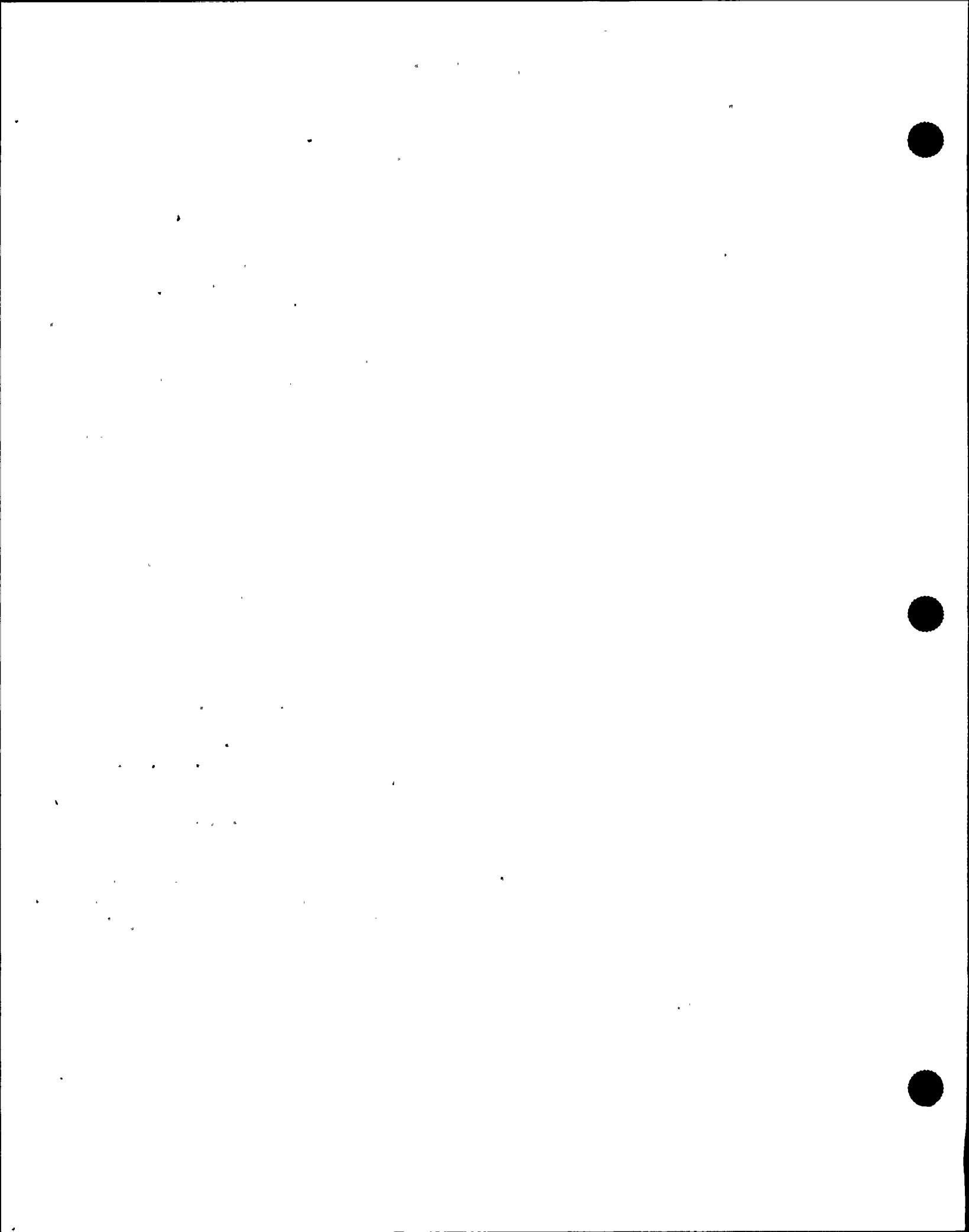
6. Design Conditions _____ psi _____ °F or Pressure Class 1500 psi (1)
(Pressure) (Temperature)

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 1
 Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(*) Castings	C8	AMS 5385	NOVA/HOWMET CORPORATION	DISC
	C10	AMS 5385	NOVA/HOWMET CORPORATION	DISC
(b) Forgings	B5	SA105	CAPE ANN TOOL COMPANY	BODY
	Y8	SA105	CAPE ANN TOOL COMPANY	BODY
	1764	SA182 Gr. F6a	CYCLOPS CORP.	BACKSEAT BUSHING

(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, 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.



	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 CORPORATION, GAITHERSBURG, MARYLAND
 Stress analysis report on file at BECHTEL POWER CORPORATION, GAITHERSBURG, MARYLAND
 Design specifications certified by THOMAS W. HABERMAS (1) Prof. Eng. State MTSS Reg. No. 6064
 Stress analysis report certified by HAROLD I. GREGG (1) Prof. Eng. State PA Reg. No. 9053E
 (1) Signature not required. List name only.

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

Date 12/26 19 79 Signed YARWAY CORPORATION By W. A. VOLGER
(Manufacturer)
 Certificate of Authorization No. N 1891 expires OCTOBER 21, 1980

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 PENNSYLVANIA and employed by PHILADELPHIA MANUFACTURERS of MUTUAL INSURANCE CO. OF PHILADELPHIA, PA * have inspected the equipment described in this Data Report on _____ 19_____, 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 12/26 19 79

J. Caullery
(Inspector)

Commissions PA 2-13-79 NB 75-25
(National Board, State, Province and No.)

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

As Required by the Provisions of the ASME Code Rules

P. O. # 40461

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 41191
(Name & Address of Manufacturer)

2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
(Name and Address)

3. Owner MISSISSIPPI POWER AND LIGHT COMPANY

4. Location of Plant PORT GIBSON, MISSISSIPPI

5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"
 SERIAL NUMBER(S) A8519 THRU A8543
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-G4 Prepared by YARWAY CORPORATION

(b) National Board No. ---

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 1

Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	INOVA/HOWMET CORP.	DISC
(b) Forgings	Y8	SA105	CAPE ANN TOOL CO.	BODY
	1685	SA182 Gr. F6 a	CYCLOPS CORP.	BACKSEAT BUSHING

(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, 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.

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

E. Hydrostatic test 5400 psi.

CERTIFICATION OF DESIGN

Design information on file at BECHTEL POWER CORPORATION GAITHERSBURG MARYLAND
 Stress analysis report on file at BECHTEL POWER CORPORATION GAITHERSBURG MARYLAND
 Design specifications certified by THOMAS W. HARPERMAS (1) Prof. Eng. State MISS Reg. No. 6064
 Stress analysis report certified by HAROLD T. GREGG (1) Prof. Eng. State PA Reg. No. 9055E
 (1) Signature not required. List name only.

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

Date 8/2/79 1979 Signed YARWAY CORPORATION By W. A. VOYGER
(Manufacturer)
 Certificate of Authorization No. N 1801 expires OCTOBER 21, 1980

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 PENNSYLVANIA and employed by PHILADELPHIA MANUFACTURERS of MUTUAL INSURANCE CO. OF PHILADELPHIA PA # have inspected the equipment described in this Data Report on 8/2 1979, 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 8/2 1979

Walter Scott Hendry
(Inspector)

Commissions NR 6344
(National Board, State, Province and No.)

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

As Required by the Provisions of the ASME Code Rules

P. O. # 40461

1. Manufactured by YARWAY CORPORATION, BLUE BELL, PA. 19422 Order No. 41191
(Name & Address of Manufacturer)
2. Manufactured for BECHTEL POWER CORPORATION Order No. 9645-M-251.0
(Name and Address)
3. Owner MISSISSIPPI POWER AND LIGHT COMPANY
4. Location of Plant PORT GIBSON, MISSISSIPPI
5. Pump or Valve Identification NUCLEAR SERVICE VALVES SIZE - 1"
 SERIAL NUMBER(S) A8494 THRU A8518
(Brief description of service for which equipment was designed)

(a) Drawing No. 103271-04 Prepared by YARWAY CORPORATION

(b) National Board No. ---

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 I
 Edition 1974, Addenda Date WINTER 1974, Case No. NONE

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	C8	AMS 5385	NOVA/HOWMET CORP.	DISC
(b) Forgings	Y8	SA105	CAPE ANN TOOL CO.	BODY
	1683	SA192 Gr. F6a	CYCLOPS CORP.	BACKSEAT BUSHING

(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, 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 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 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 Nov. 20, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB8845 Pa 2361 B N I S I S
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-13 19 95

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

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
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 DCP's: 94-3039A; 94-3039B; & 94-3039E
Address WA's: C53198; C53293; C53294; C53295; C53296; C53297; C53438
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 MAIN STEAM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB208-6	1983	REPLACED	YES
SMALL PIPE SUPPORT	PP&L	N/A	N/A	SPDBB208-H29	1994	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H30	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H31	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H32	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H33	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H34	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H35	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H82	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H88	1983	REPLACED	NO
SMALL PIPE SUPPORT.	PP&L	N/A	N/A	SPDBB208-H88	1995	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 Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 21, 1995
 Sheet 3 of 3

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

Unit TWO
 DCP's: 94-3039A; 94-3039B; & 94-3039E
 WA's: C53186; C53293; C53294; C53295; C53296; C53297; C53438
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MAIN STEAM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE SUPPORT	PP&L	N/A	N/A	SPDBB203-H8007	1991	REPLACED	NO
SMALL PIPE SUPPORT	PP&L	N/A	N/A	SPDBB203-H8007	1995	REPLACEMENT	NO
MECHANICAL SHOCK SIZE 1/4	PACIFIC SCIENTIFIC	14381	N/A	SPDBB208-H82	1980	REPLACED	NO

FORM NIS-2 (Back)

9. Remarks ASME Section III, NF-2121 1974 Edition and Addenda thru 1989; including Section III

Applicable Manufacturer's Data Reports to be attached

Interpretation no. 35(III-1-92-77) for (Wire Energy Absorbing Rope) restraints.

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 Nov. 21, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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.

Delton E. Tillman Commissions NB8845 Pa 2361 B N I S I S
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-23 19 95

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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 14, 1995
 Sheet 2 of 2

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

Unit Two
 PMR 94-9089 WA's C53369, C53259
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MAINSTEAM SUPPLY SYSTEM 283A CLASS II

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
PIPE SUPPORT	Bechtel	NA	NA	EBD213-H4	1983	REPLACED	NO
PIPE SUPPORT	PPL	NA	NA	EBD213-H4	1995	REPLACEMENT	NA

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 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 Nov. 21, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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.

Delton E. Tillery Commissions NA8845 Pa2361 BNIS IS
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-23 1995

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

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
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 DCP's 94-3039B & 94-3039E
Address WA's C53196; C53293; C53294; C53295; C53296; C53297
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 MSIV LEAKAGE CONTROL

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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1" - 1500# SS GLOBE VALVE	BORG WARNER	15474	N/A	239001K	1976	REPLACED	YES
1" - 1500# SS GLOBE VALVE	BORG WARNER	15492	N/A	239001P	1976	REPLACED	YES
1" - 1500# SS EXCESS FLOW CK	MAROTTA SCIENTIFIC	262	390	XV232910B	1977	REPLACED	YES
1" - 1500# SS EXCESS FLOW CK	MAROTTA SCIENTIFIC	263	403	XV232910F	1977	REPLACED	YES
1" - 1500# SS EXCESS FLOW CK	MAROTTA SCIENTIFIC	264	418	XV232910K	1977	REPLACED	YES
1" - 1500# SS EXCESS FLOW CK	MAROTTA SCIENTIFIC	265	461	XV232910P	1977	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBA214-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA214 H3004	1983	REPLACED	NO
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBA215-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA215 H3004	1983	REPLACED	NO
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBA216-1	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 Pennsylvania Power & Light Co. Date November 21, 1995
Name
Two North Ninth St., Allentown, PA 18101 Sheet 3 of 4
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467, Berwick, PA 18603 DCP's 94-3039B & 94-3039E
Address WA's C53196; C53293; C53294; C53295; C53296; C53297
 Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 MSIV LEAKAGE CONTROL

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, Code Case
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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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA216 H3002	1983	REPLACED	NO
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBA217-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBA217 H3004	1983	REPLACED	NO
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDCA246-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA246 H3005	1983	REPLACED	NO
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDCA247-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA247 H3011	1983	REPLACED	NO
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDCA248-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA248 H3009	1983	REPLACED	NO
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDCA249-1	1983	REPLACED	YES
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCA249 H3011	1983	REPLACED	NO



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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 21, 1995
 Sheet 1 of 24

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

Unit One
DCP's: 94-3039B & 94-3039E WA's: C53198; C53293; C53294; C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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3" 150# CS GLOBE VALVE	PACIFIC	0037-8	N/A	239F012	1979	REPLACED	YES
4" 150# CS GLOBE VALVE	ANCHOR DARLING	E9052-5-2	N/A	239F013	1980	REPLACED	YES
2" 1500# CS GATE VALVE	ANCHOR DARLING	E1564-2-4	N/A	HV-239F008	1983	REPLACED	YES
2" 1500# CS GATE VALVE	ANCHOR DARLING	E1564-2-5	N/A	HV-239F009	1983	REPLACED	YES
2" 1500# CS GATE VALVE	ANCHOR DARLING	E1564-2-2	N/A	HV-239F006	1983	REPLACED	YES
2" 1500# CS GATE VALVE	ANCHOR DARLING	E1564-2-3	N/A	HV-239F007	1983	REPLACED	YES

7. Description of Work DELETION OF MSIV-LCS SYSTEM

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure NONE
 Other Pressure psi Test Temp. °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 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 Dec 21, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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.

Delton E. Tillery Commissions NA8845 Pa2361 BNIS IS
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-23 19 95

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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date November 21, 1995
 Sheet 2 of 24

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

Unit TWO
DCP's: 94-3039B & 94-3039E WA's: C53198; C53293; C53294; C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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2" 1500# CS GATE VALVE	BORG WARNER	26476	N/A	HV-239F002B	1978	REPLACED	YES
2" 1500# CS GATE VALVE	BORG WARNER	26474	N/A	HV-239F003B	1978	REPLACED	YES
2" 1500# CS GATE VALVE	BORG WARNER	26480	N/A	HV-239F002F	1978	REPLACED	YES
2" 1500# CS GATE VALVE	BORG WARNER	26475	N/A	HV-239F003F	1978	REPLACED	YES
2" 1500# CS GATE VALVE	BORG WARNER	26481	N/A	HV-239F002K	1978	REPLACED	YES
2" 1500# CS GATE VALVE	ANCHOR DARLING	E1564-1-1	N/A	HV-239F003K	1983	REPLACED	YES
2" 1500# CS GATE VALVE	BORG WARNER	26478	N/A	HV-239F002P	1978	REPLACED	YES
2" 1500# CS GATE VALVE	ANCHOR DARLING	E1564-2-1	N/A	HV-239F003P	1983	REPLACED	YES
1" 1500# CS GLOBE VALVE	YARWAY	5282	N/A	239F015B	1976	REPLACED	YES
1" 1500# CS GLOBE VALVE	YARWAY	5648	N/A	239F016B	1976	REPLACED	YES
1" 1500# CS GLOBE VALVE	YARWAY	5569	N/A	239F015F	1976	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 Pennsylvania Power & Light Co. Date November 21, 1995
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 3 of 24
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
 PO Box 467, Berwick, PA 18603
Address DCP's: 94-3039B & 94-3039E WA's: C53196; C53293; C53294;
C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. 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 MSIV LEAKAGE CONTROL SYSTEM
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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)
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1" 1500# CS GOBLE VALVE	YARWAY	5659	N/A	239F016F	1976	REPLACED	YES
1" 1500# CS GLOBE VALVE	YARWAY	5480	N/A	239F015K	1976	REPLACED	YES
1" 1500# CS GOBLE VALVE	YARWAY	5642	N/A	239F016K	1976	REPLACED	YES
1" 1500# CS GLOBE VALVE	YARWAY	5559	N/A	239F015P	1976	REPLACED	YES
1" 1500# CS GOBLE VALVE	YARWAY	5589	N/A	239F016P	1976	REPLACED	YES
1" 1500# CS GOBLE VALVE	YARWAY	5277	N/A	239003	1976	REPLACED	YES
1" 1500# CS GOBLE VALVE	YARWAY	5628	N/A	239004	1976	REPLACED	YES
1" 1500# CS GOBLE VALVE	YARWAY	A0753	N/A	RV-FP-23904	1976	REPLACED	YES
1/2" 1500# CS GOBLE VALVE	YARWAY	B6459	N/A	1RV-PT-2N059	1982	REPLACED	YES
1/2" 1500# CS GOBLE VALVE	YARWAY	B6466	N/A	2RV-PT-2N059	1982	REPLACED	YES
1" 1500# CS GOBLE VALVE	YARWAY	5531	N/A	RV-PP-23904	1976	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 Pennsylvania Power & Light Co.
Name

Date November 21, 1995

 Two North Ninth St., Allentown, PA 18101
Address

Sheet 4 of 24

2. Plant Susquehanna Steam Electric Station
Name

Unit TWO

 PO Box 467, Berwick, PA 18603
Address

DCP's: 94-3039B & 94-3039E WA's: C53196; C53293; C53294;
C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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1/2" 1500# CS GOBLE VALVE	YARWAY	A1103	N/A	1RV-PT-2N054	1977	REPLACED	YES
1/2" 1500# CS GOBLE VALVE	YARWAY	B6478	N/A	2RV-PT-2N054	1982	REPLACED	YES
1" 1500# CS GOBLE VALVE	YARWAY	5526	N/A	RV-PP-23906	1976	REPLACED	YES
1" SS BALL CHECK VALVE	CONTROMATICS	84632-1-2	N/A	239F010	1976	REPLACED	YES
1" SS BALL CHECK VALVE	CONTROMATICS	84632-3-25	N/A	239F011	1976	REPLACED	YES
LARGE PIPE ASSEMBLY	BECHTEL	N/A	N/A	GBB231-1	1983	REPLACED	YES
LARGE PIPE ASSEMBLY	BECHTEL	N/A	N/A	GBB234-1	1983	REPLACED	YES
LARGE PIPE ASSEMBLY	BECHTEL	N/A	N/A	HBB247-1	1983	REPLACED	YES
LARGE PIPE ASSEMBLY	BECHTEL	N/A	N/A	HBB248-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB208-5	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB208-6	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 Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 21, 1995
 Sheet 5 of 24

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

Unit TWO
DCP's: 94-3039B & 94-3039E WA's: C53196; C53293; C53294; C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Type Code Symbol Stamp None
 Authorization No. N/A
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SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB208-7	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB223-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB223-2	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB223-3	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB223-4	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB224-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB224-2	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB224-3	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB224-4	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB225-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDBB225-2	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 Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 21, 1995
 Sheet 6 of 24

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

Unit TWO
DCP's: 94-3039B & 94-3039E WA's: C53196; C53293; C53294; C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

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

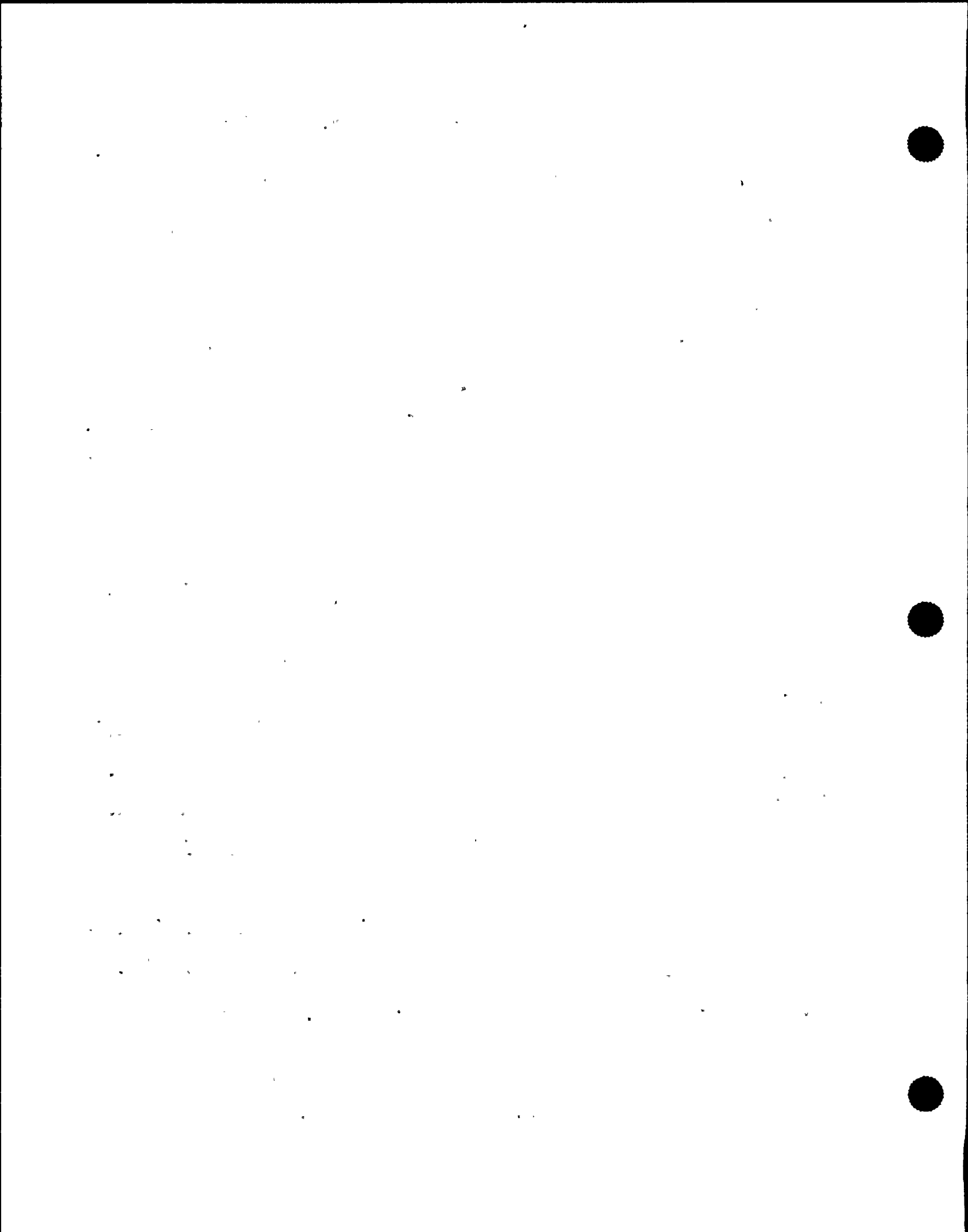
4. Identification of System MSIV LEAKAGE CONTROL SYSTEM

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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)
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SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPD88225-3	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPD88226-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPD88226-2	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPD88226-3	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPD88226-4	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDC8210-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDC8213-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDC8214-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPDC8215-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG88224-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG88225-1	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 Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 21, 1995
 Sheet 7 of 24

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

Unit TWO
DCP's: 94-3039B & 94-3039E WA's: C53196; C53293; C53294; C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, Code Case
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SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG8B226-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG8B227-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG8B228-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG8B229-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG8B230-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG8B231-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG8B232-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG8B233-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG8B234-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG8B234-2	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG8B234-3	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 Pennsylvania Power & Light Co.
Name

Date November 21, 1995

 Two North Ninth St., Allentown, PA 18101
Address

Sheet 8 of 24

2. Plant Susquehanna Steam Electric Station
Name

Unit TWO

 PO Box 467, Berwick, PA 18603
Address

DCP's: 94-3039B & 94-3039E WA's: C53198; C53293; C53294;
 C53295; C53296; C53297; C53249; C53250; C53251; C53255
 Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
Name

Type Code Symbol Stamp None

 Two North Ninth St., Allentown, PA 18101
Address

Authorization No. N/A

Expiration Date N/A

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SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPG8B234-4	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPHBB247-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPHBB247-2	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPHCB241-1	1983	REPLACED	YES
SMALL PIPE ASSEMBLY	BECHTEL	N/A	N/A	SPHCB242-1	1983	REPLACED	YES
PIPE SUPPORT	BECHTEL	N/A	N/A	GBB231-H51	1983	REPLACED	NO
PIPE SUPPORT	BECHTEL	N/A	N/A	GBB231-H52	1983	REPLACED	NO
PIPE SUPPORT	BECHTEL	N/A	N/A	GBB234-H1	1983	REPLACED	NO
PIPE SUPPORT	BECHTEL	N/A	N/A	GBB234-H2	1983	REPLACED	NO
PIPE SUPPORT	BECHTEL	N/A	N/A	HBB247-H1	1983	REPLACED	NO
PIPE SUPPORT	BECHTEL	N/A	N/A	HBB247-H2	1983	REPLACED	NO

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

1. Owner Pennsylvania Power & Light Co.
Name
Two North Ninth St., Allentown, PA 18101
Address

Date November 21, 1995

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

Unit TWO

DCP's: 94-3039B & 94-3039E WA's: C53196; C53293; C53294;
 C53295; C53296; C53297; C53249; C53250; C53251; C53255
 Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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PIPE SUPPORT	BECHTEL	N/A	N/A	HBB247-H3	1983	REPLACED	NO
PIPE SUPPORT	BECHTEL	N/A	N/A	HBB247-H4	1983	REPLACED	NO
PIPE SUPPORT	BECHTEL	N/A	N/A	HBB247-H5	1983	REPLACED	NO
PIPE SUPPORT	BECHTEL	N/A	N/A	HBB247-H51	1983	REPLACED	NO
PIPE SUPPORT	BECHTEL	N/A	N/A	HBB247-H52	1983	REPLACED	NO
PIPE SUPPORT	BECHTEL	N/A	N/A	HBB248-H51	1983	REPLACED	NO
PIPE SUPPORT	BECHTEL	N/A	N/A	HBB248-H52	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H1	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H21	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H25	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H26	1983	REPLACED	NO

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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 21, 1995
 Sheet 10 of 24

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

Unit TWO
DCP's: 94-3039B & 94-3039E WA's: C53198; C53293; C53294; C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H27	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H28	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H36	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H37	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H38	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H39	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H40	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H41	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H42	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H43	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H44	1983	REPLACED	NO

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

1. Owner Pennsylvania Power & Light Co.
Name

Date November 21, 1995

 Two North Ninth St., Allentown, PA 18101
Address

Sheet 11 of 24

2. Plant Susquehanna Steam Electric Station
Name

Unit TWO

 PO Box 467, Berwick, PA 18603
Address

DCP's: 94-3039B & 84-3039E WA's: C53196; C53293; C53294;
C53295; C53296; C53297; C53249; C53250; C53251; C53255

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

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

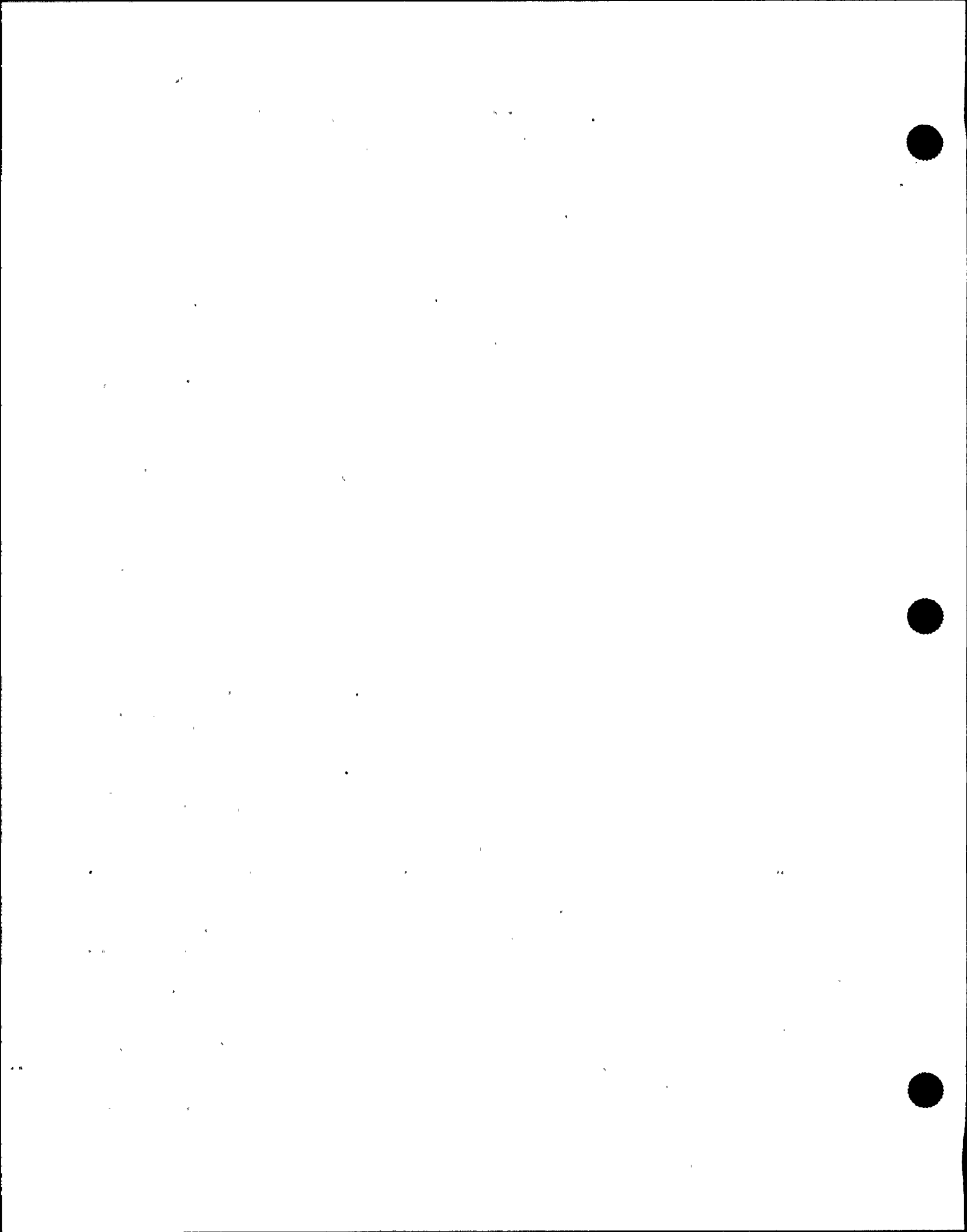
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(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89

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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H83	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H84	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H85	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB208-H86	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB223-H3000	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB223-H3001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB223-H3002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB223-H3004	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB223-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB223-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB223-H5008	1983	REPLACED	NO



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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 21, 1995
 Sheet 12 of 24

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

Unit TWO
DCP's: 94-3039B & 94-3039E WA's: C53196; C53293; C53294; C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB223-H5009	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB223-H5010	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB223-H5011	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB223-H5012	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB223-H5013	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB224-H3002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB224-H3003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB224-H3004	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB224-H3005	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB224-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB224-H5004	1983	REPLACED	NO

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

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 13 of 24
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
 PO Box 467, Berwick, PA 18603 DCP's: 94-3039B & 94-3039E WA's: C53106; C53293; C53294; C53295; C53296; C53297; C53249; C53250; C53251; C53255
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol Stamp None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address Expiration Date N/A

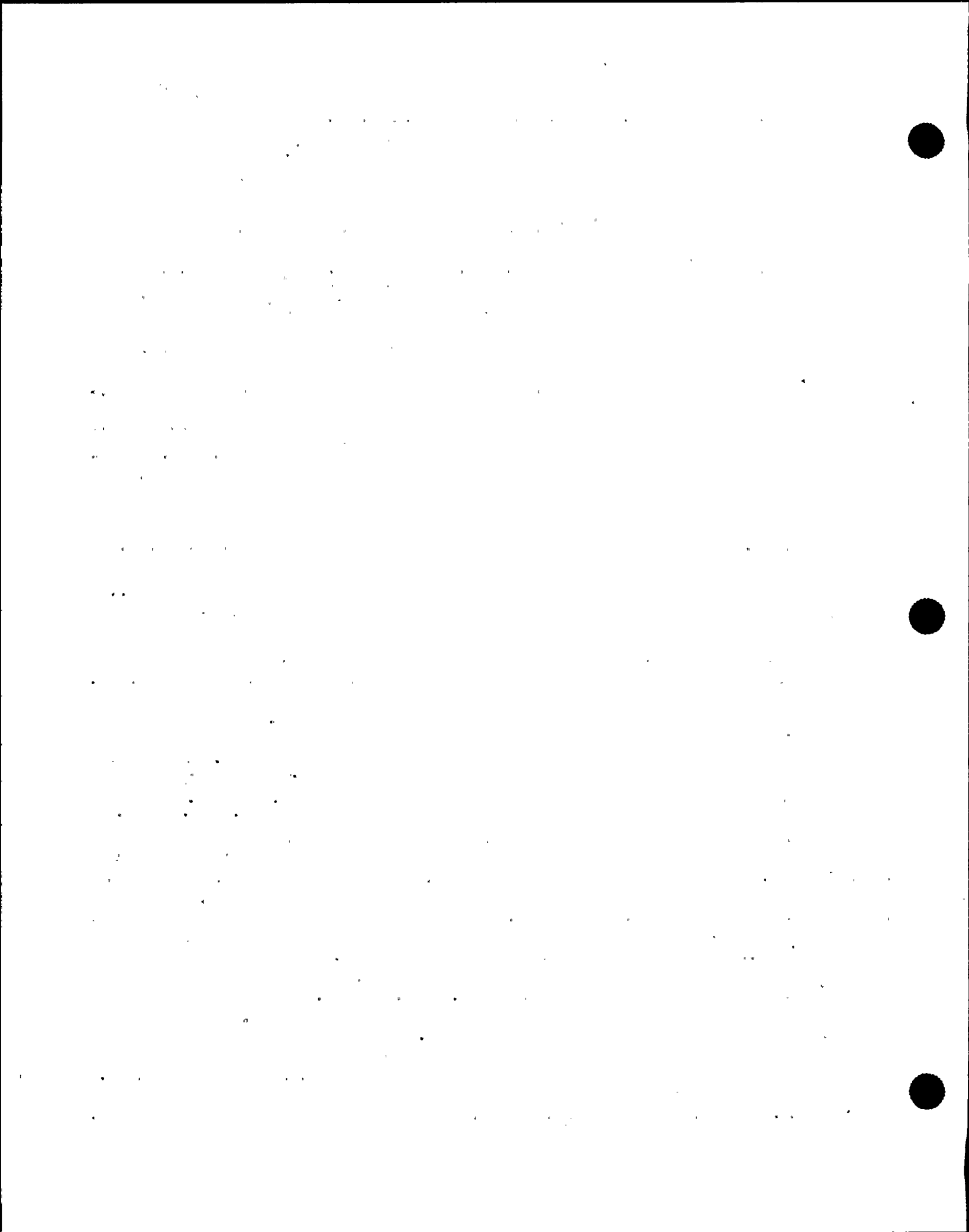
4. Identification of System MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB224-H5006	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB224-H5007	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB224-H5013	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB224-H5014	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB224-H5015	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB224-H5016	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB225-H3001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB225-H3002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB225-H3003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB225-H3004	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB225-H3005	1983	REPLACED	NO



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

1. Owner Pennsylvania Power & Light Co.
Name

Date November 21, 1995

 Two North Ninth St., Allentown, PA 18101
Address

Sheet 14 of 24

2. Plant Susquehanna Steam Electric Station
Name

Unit TWO

 PO Box 467, Berwick, PA 18603
Address

DCP's: 94-3039B & 94-3039E WA's: C53198; C53293; C53294;
C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB225-H3006	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB225-H3007	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB225-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB225-H5002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB225-H5005	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB225-H5006	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB225-H5007	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB225-H5009	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H3001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H3002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H3003	1983	REPLACED	NO

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

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 15 of 24
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
 PO Box 467, Berwick, PA 18603
Address
DCP's: 94-3039B & 94-3039E WA's: C53198; C53293; C53294; C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol Stamp None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address
Expiration Date N/A

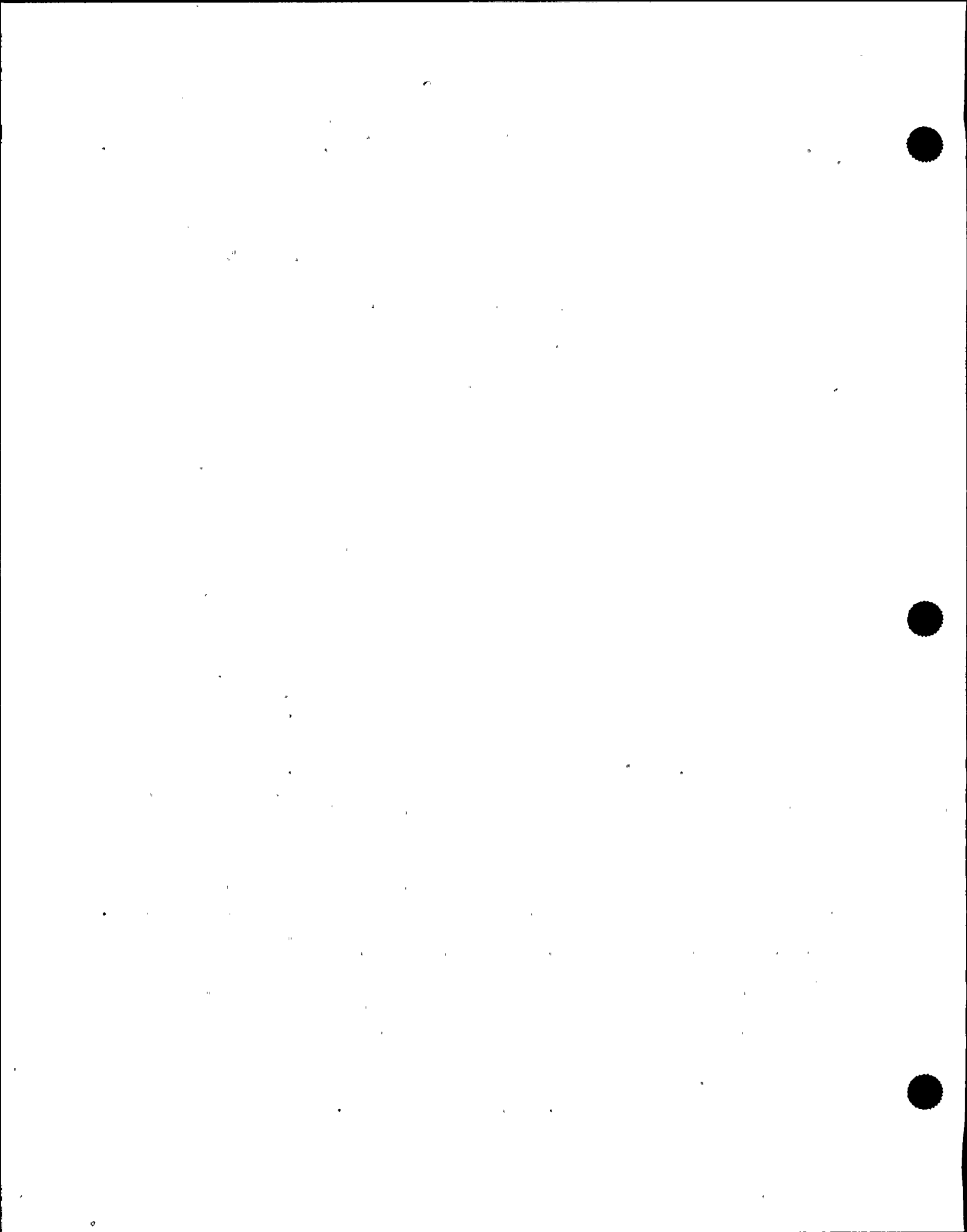
4. Identification of System MSIV LEAKAGE CONTROL SYSTEM

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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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H3004	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H3005	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H3006	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H3007	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H3008	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H5002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H5004	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H5005	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDBB226-H5008	1983	REPLACED	NO



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

1. Owner Pennsylvania Power & Light Co.
Name

Date November 21, 1995

Two North Ninth St., Allentown, PA 18101
Address

Sheet 16 of 24

2. Plant Susquehanna Steam Electric Station
Name

Unit TWO

PO Box 467, Berwick, PA 18603
Address

DCP's: 94-3039B & 94-3039E WA's: C53196; C53293; C53294;
 C53295; C53296; C53297; C53249; C53250; C53251; C53255

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

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

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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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCB210-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCB210-H5002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCB210-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCB213-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCB213-H5002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCB213-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCB214-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCB214-H5002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCB214-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCB215-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCB215-H5002	1983	REPLACED	NO

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 17 of 24
Address
2. Plant Susquehanna Steam Electric Station Unit TWO
Name
 PO Box 467, Berwick, PA 18603 DCP's: 94-3039B & 94-3039E WA's: C53196; C53293; C53294;
Address C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Pennsylvania Power & Light Co. Type Code Symbol Stamp None
Name
 Two North Ninth St., Allentown, PA 18101 Authorization No. N/A
Address 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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPDCB215-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B224-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B224-H5002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B224-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B224-H5004	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B225-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B225-H5002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B225-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SP-G8B225-H5004	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B226-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B226-H5002	1983	REPLACED	NO



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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 21, 1995
 Sheet 18 of 24

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

Unit TWO
DCP's: 94-3039B & 94-3039E WA's: C53198; C53293; C53294; C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
-------------------	----------------------	-------------------------	--------------------	----------------------	------------	------------------------------------	-------------------------------

SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B227-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B227-H5002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B227-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B228-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B228-H5002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B228-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B229-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B229-H5002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B229-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B230-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B230-H5002	1983	REPLACED	NO



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

As Required by the Provisions of the ASME Code Section XI

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
Name
Two North Ninth St., Allentown, PA 18101 Sheet 19 of 24
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467, Berwick, PA 18603
Address
DCP's: 94-3039B & 94-3039E WA's: C53196; C53293; C53294; C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B231-H9001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B232-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B232-H5002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B232-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B233-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B233-H5002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B233-H5003	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B233-H5004	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B233-H5005	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B233-H5006	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B233-H5007	1983	REPLACED	NO

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

1. Owner Pennsylvania Power & Light Co.
Name

Date November 21, 1995

Two North Ninth St., Allentown, PA 18101
Address

Sheet 20 of 24

2. Plant Susquehanna Steam Electric Station
Name

Unit TWO

PO Box 467, Berwick, PA 18603
Address

DCP's: 94-3039B & 94-3039E WA's: C53198; C53293; C53294;
 C53295; C53296; C53297; C53249; C53250; C53251; C53255

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

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
-------------------	----------------------	-------------------------	--------------------	----------------------	------------	------------------------------------	-------------------------------

SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B233-H5009	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B233-H5010	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B234-H1	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B234-H2	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B234-H3	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B234-H5	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B234-H6	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B234-H7	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B234-H8	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B234-H9	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPG8B234-H3000	1983	REPLACED	NO

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

1. Owner Pennsylvania Power & Light Co.
Name
 Two North Ninth St., Allentown, PA 18101
Address

Date November 21, 1995
 Sheet 21 of 24

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

Unit TWO
DCP's: 94-3039B & 94-3039E WA's: C53196; C53293; C53294; C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPGBB234-H3001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHBB247-H3000	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHBB247-H3001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHBB247-H3002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHCB241-H5000	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHCB241-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHCB241-H9000	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHCB242-H5001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHCD281-H9001	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHCD281-H9002	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHCD281-H9003	1983	REPLACED	NO



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

1. Owner Pennsylvania Power & Light Co.
Name

Date November 21, 1995

 Two North Ninth St., Allentown, PA 18101
Address

Sheet 22 of 24

2. Plant Susquehanna Steam Electric Station
Name

Unit TWO

 PO Box 467, Berwick, PA 18603
Address

DCP's: 94-3039B & 94-3039E WA's: C53196; C53293; C53294;
 C53295; C53296; C53297; C53249; C53250; C53251; C53255
 Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co.
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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHCD281-H9004	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHCD281-H9005	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHCD281-H9006	1983	REPLACED	NO
SMALL PIPE SUPPORT	BECHTEL	N/A	N/A	SPHCD281-H9007	1983	REPLACED	NO
INSTRUMENT TUBING LINE	BECHTEL	N/A	N/A	JD-30-4-8A	1983	REPLACED	YES
INSTRUMENT TUBING LINE	BECHTEL	N/A	N/A	JD-32-4-6A	1983	REPLACED	YES
INSTRUMENT TUBING LINE	BECHTEL	N/A	N/A	JD-32-4-6B	1983	REPLACED	YES
INSTRUMENT TUBING LINE	BECHTEL	N/A	N/A	JD-32-4-6C	1983	REPLACED	YES
INSTRUMENT TUBING LINE	BECHTEL	N/A	N/A	JD-32-4-6D	1983	REPLACED	YES
INSTRUMENT TUBING LINE	BECHTEL	N/A	N/A	JD-30-4-8D	1983	REPLACED	YES
INSTRUMENT TUBING LINE	BECHTEL	N/A	N/A	JD-32-4-4F	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 Pennsylvania Power & Light Co. Date November 21, 1995
Name
 Two North Ninth St., Allentown, PA 18101 Sheet 23 of 24
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
 PO Box 467, Berwick, PA 18603 DCP's: 94-30398 & 94-3039E WA's: C53196; C53293; C53294;
Address C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
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FLEXIBLE METAL HOSE	METAL BELLOWS	130	N/A	JD-30-4-8A	1982	REPLACED	YES
FLEXIBLE METAL HOSE	METAL BELLOWS	473	N/A	JD-32-4-6A	1982	REPLACED	YES
FLEXIBLE METAL HOSE	METAL BELLOWS	464	N/A	JD-32-4-6B	1982	REPLACED	YES
FLEXIBLE METAL HOSE	METAL BELLOWS	497	N/A	JD-32-4-6C	1982	REPLACED	YES
FLEXIBLE METAL HOSE	METAL BELLOWS	471	N/A	JD-34-4-6D	1982	REPLACED	YES
MECHANICAL SHOCK SIZE 1/2	PACIFIC SCIENTIFIC	17198	N/A	SPDBB208-H83	1983	REPLACED	NO
MECHANICAL SHOCK SIZE 1/4	PACIFIC SCIENTIFIC	24387	N/A	SPDBB208-H86	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 10	PACIFIC SCIENTIFIC	14421	N/A	SPDBB223-H5010	1983	REPLACED	NO
MECHANICAL SHOCK SIZE 1	PACIFIC SCIENTIFIC	21537	N/A	SPDBB223-H5012	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1	PACIFIC SCIENTIFIC	20813	N/A	SPDBB224-H3002	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1/2	PACIFIC SCIENTIFIC	17191	N/A	SPDBB224-H3004	1983	REPLACED	NO

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

1. Owner Pennsylvania Power & Light Co. Date November 21, 1995
Name
Two North Ninth St., Allentown, PA 18101 Sheet 24 of 24
Address

2. Plant Susquehanna Steam Electric Station Unit TWO
Name
PO Box 467, Berwick, PA 18603
Address DCP's: 94-3039B & 94-3039E WA's: C53196; C53293; C53294;
C53295; C53296; C53297; C53249; C53250; C53251; C53255
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Pennsylvania Power & Light Co. 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 MSIV LEAKAGE CONTROL SYSTEM

5. (a) Applicable Construction Code III 19 71 Edition, thru W72 Addenda, 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)
-------------------	----------------------	-------------------------	--------------------	----------------------	------------	------------------------------------	-------------------------------

MECHANICAL SHOCK SIZE 10	PACIFIC SCIENTIFIC	14180	N/A	SPDBB224-H5014	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1	PACIFIC SCIENTIFIC	20403	N/A	SPDBB224-H5015	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1	PACIFIC SCIENTIFIC	21529	N/A	SPDBB225-H3002	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1/2	PACIFIC SCIENTIFIC	17184	N/A	SPDBB225-H3003	1983	REPLACED	NO
MECHANICAL SHOCK SIZE 1/2	PACIFIC SCIENTIFIC	17185	N/A	SPDBB225-H3004	1983	REPLACED	NO
MECHANICAL SHOCK SIZE 1/2	PACIFIC SCIENTIFIC	17192	N/A	SPDBB226-H3001	1983	REPLACED	NO
MECHANICAL SHOCK SIZE 1/2	PACIFIC SCIENTIFIC	14471	N/A	SPDBB226-H3003	1982	REPLACED	NO
MECHANICAL SHOCK SIZE 1/4	PACIFIC SCIENTIFIC	23608	N/A	SPDBB226-H3005	1981	REPLACED	NO
MECHANICAL SHOCK SIZE 1/4	PACIFIC SCIENTIFIC	24382	N/A	SPG8B234-H3	1982	REPLACED	NO

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 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 Nov 21, 19 95

Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period 9-13-95 to 10-22-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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.

Delton E. Tillery Commissions NB8845 Pa 2361 BNIS IS
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-23 1995

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(Former E&S Construction NIS-2 Forms included in D.1)

SNUBBER REPLACEMENT

NIS-2 FORMS

ISI SNUBBER REPAIR AND REPLACEMENT SUMMARY

1.0 INTRODUCTION

This summary identifies the work performed on ASME Section XI Snubbers, (Classes 1,2,3, and Safety Related Snubbers, parts for replacements, and repairs for which ISI has NIS-2 responsibility). This work was performed during the Unit 1 Eighth Refueling and Inspection Outage.

2.0 CODE COMPLIANCE SUMMARY

All work on ASME Section XI items meet the requirements of IWA-7000 (Replacements) of ASME Section XI 1989 Edition, no Addenda.

3.0 Work in this area consists of Work Authorizations for Section XI replacements of snubbers and parts.

3.A Summary of replacements for snubbers, by System, Work Authorization Number, and Support Number (see Attachment 3.A).

3.B Summary of replacement or repair of snubber parts by System, Work Authorization Number, Support Number, and Replaced parts (see Attachment 3.B).

SNUBBERS REPLACED

SYSTEM	WORK AUTHORIZATION	SUPPORT IDENTIFICATION
262A-I	Y40371	SPDCA 229 H3002
264B-I	Y40380	DCA 202 H4B
261B-I	Y40377	DBA 201 H21

SNUBBER REPLACEMENT PARTS

SYSTEM	WORK AUTHORIZATION	SUPPORT IDENTIFICATION	REPLACED PARTS
264B-I	Y40373	RWS 200 H49	1 PIVOT PIN
262A-I	Y40375	DLA 204 H8B	1 LOAD STUD, 2 HEAVY HEX NUTS

SNUBBER REPLACEMENT

NIS-2 FORMS

SNUBBER NIS-2 FORMS

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

1. Owner Pennsylvania Power & Light Co.
Name

Date 10/26/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 1 of 2

2. Plant Susquehanna Steam Electric Station
Name

Unit 2

PO Box 467, Berwick, PA 18603
Address

Maintenance See Sheet 2 of 2

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

3. Work Performed by Owner
Name

Type Code Symbol Stamp N/A

Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System 262A, Class I, Reactor Head & Auxiliary System

5. (a) Applicable Construction Code ASME III 1 71 Edition, thru W72 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 '89' no Add.

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)
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Mech Shock Arrestor	Pacific Scientific	14357	N/A	SPDCA229H3002	1980	Replaced	NO
Mech Shock Arrestor	Pacific Scientific	28812	N/A	SPDCA229H3002	1982	Replacement	NO
1 Load Stud	Grinnell	Item 13 *(1)	N/A	DLA204H8B	*(1)	Replaced	NO
1 Load Stud	Grinnell	Item 13 *(1)	N/A	DLA204H8B	*(1)	Replacement	NO
2 Heavy Hex Nuts	Grinnell	Item 14 *(1)	N/A	DLA204H8B	*(1)	Replaced	NO
2 Heavy Hex Nuts	Grinnell	Item 14 *(1)	N/A	DLA204H8B	*(1)	Replacement	NO

Replaced parts with sufficient replacement parts/

7. Description of Work Replaced existing snubber with same size, functionally tested replacement snubber.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Exempt Pressure _____ psi Test Temp. _____ °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 sheet is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks N/A

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 Nov. 14, 19 95
Owner or Owner's Designee, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period September 13, 1995 to October 22, 1995, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7866 PAWC 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date November 14 1995

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

1. Owner Pennsylvania Power & Light Co.
Name

Date 10/26/95

Two North Ninth St., Allentown, PA 18101
Address

Sheet 1 of 1

2. Plant Susquehanna Steam Electric Station
Name

Unit 2

PO Box 467, Berwick, PA 18603
Address

Maintenance/WA # Y40377

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

3. Work Performed by Owner
Name

Type Code Symbol Stamp N/A

Address

Authorization No. N/A

Expiration Date N/A

4. Identification of System 261B, Class 1, RWCU Suction Outside Containment

5. (a) Applicable Construction Code ASME III 19 71 Edition, thru W72 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 '89' no Add.

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)
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Mech Shock	Pacific Scientific	19747	N/A	DBA 201 H21	1981	Replaced	NO
Mech Shock Arrestor	Pacific Scientific	19503	N/A	DBA 201 H21	1981	Replacement	NO

7. Description of Work Replaced existing snubber with same size, functionally tested replacement snubber.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Exempt Pressure _____ psi Test Temp. _____ °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 sheet is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks N/A

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 Nov. 14, 19 95
Owner or Designer, Title VP-Nuc Operations

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 ARKWRIGHT MUTUAL INSURANCE CO. of WALTHAM, MASSACHUSETTS have inspected the components described in this Owner's Report during the period September 13, 1995 to October 22, 1995, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this 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 NB7866 PA WC 24619 AN11
Inspector's Signature National Board, State, Province, and Endorsements

Date November 14 1995



FORM NIS-2 (Back)

9. Remarks N/A

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 Nov 14, 19 95

Owner or Owner's Designee, Title VP-Nuc Operations

CERTIFICATION OF INSERVICE INSPECTION

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[Signature]
Inspector's Signature

Commissions NB 7866 PA WC 24619 AN11
National Board, State, Province, and Endorsements

Date November 14 1995



REACTOR PRESSURE VESSEL

EXTERNAL EXAMINATIONS

EROSION/CORROSION
SCOPE OF EXAMINATIONS



UNIT 2-7TH RFO -- LOCATION & DESCRIPTION OF EROSION/CORROSION EXAMS

REPORT 2

AS OF: 12/11/95

COMPONENT ID ----- REPLACED ID ----- DETAIL PLAN ----- ACC 2 LINE -----	DESCRIPTION -----	SYSTEM ----- SIZE ----- OUTDTE -----	AREA ----- ELEV ----- EXAMSCH -----	BUILD ----- ROOM -----	MEAS MIN ----- ERATE ----- WA NO -----	SCAFF ----- INSUL -----	NOM WALL ----- MIN WALL -----	LINE ----- COORD -----	MAP NO. ----- ----- ----- ----- ACTIVITY -----
DBD2051-E1A X-2066 X-2055 CONTINUATION	TEE A	FW 16 REFA95	22 732 X-RI07	TB G422	1.75 P46287	0 B	1.219 0.934	DBD-205-1 2'WN-4'N37	K233 K0233-01
DBD2051-E1B X-2066 X-2055 CONTINUATION	TEE A	FW 14 REFA95	22 732 X-RI07	TB G422	1.75 P46287	0 B	1.094 0.729	DBD-205-1 2'WN-4'N37	K233 K0233-01
DLA2021-E1 X-2177 'A' FW TO RPV	ELBOW 90	FW 12 REFA95	31 754 X-RI07	RB 516	33.62 P46288	0 M	.688 0.459	DLA-202-1 210AZ-23'RCL	K235 K0235-01
DLA2021-E2A X-2176A 'A' FW TO RPV	REDUCER	FW 20 REFA95	31 754 X-RI07	RB 516	31.68 P46289	0 M	1.031 0.687	DLA-202-1 266AZ-22RCL	K236 K0236-01
DLA2021-E2B X-2176B 'A' FW TO RPV	REDUCER	FW 12 REFA95	31 754 X-RI07	RB 516	37.99 P46289	0 M	0.688 0.459	DLA-202-1 266AZ-22RCL	K236 K0236-01
DLA2021-E3A X-2175A 'A' FW TO RPV	TEE D	FW 20 REFA95	31 754 X-RI07	RB 516	30.23 P46290	0 M	1.031 0.687	DLA-202-1 270AZ-22RCL	K237 K0237-01
DLA2021-E3B X-2175B 'A' FW TO RPV Z3 TEMP 001033	TEE D	FW 12 REFA95	31 754 X-RI07	RB 516	49.78 P46290	0 M	0.688 0.459	DLA-202-1 270AZ-22RCL	K237 K0237-01



UNIT 2-7TH RFO -- LOCATION & DESCRIPTION OF EROSION/CORROSION EXAMS

REPORT 2

AS OF: 12/11/95

COMPONENT ID ----- REPLACED ID ----- DETAIL PLAN ----- ACC 2 LINE -----	DESCRIPTION -----	SYSTEM ----- SIZE ----- OUTDTE -----	AREA ----- ELEV ----- EXAMSCH -----	BUILD ----- ROOM -----	MEAS MIN ----- ERATE ----- WA NO -----	SCAFF ----- INSUL -----	NOM WALL ----- MIN WALL -----	LINE ----- COORDID -----	MAP NO. ----- ----- ----- ----- ACTIVITY -----
EBD2025-E1B X-2694	ORIFICE ASEMBLY	BYPS ST 14 REFA95	15 675 X-RI07	TB 36	39.09 P51139	15	.593 .396	EBD202-5 1'S39-17'EG	K765 K0765-01
EBD2025-E1C X-2694	ORIFICE ASEMBLY	BYPS ST 18 REFA95	15 675 X-RI07	TB 36	17.20 P51139	15	.750 .500	EBD202-5 1'S39-17'EG	K765 K0765-02
EBD2141-E1A X-2190A MSIV DRAIN REPLC'D ECO#916089,X2110,X2111	TEE A	MS 3 REFA95	32 723 X-RI07	WSRB Z411	21.09 P46318	0 B	0.438 0.291	EBD-214-1 8'WP-4'N34	K663 K0663-01
EBD2141-E1B X-2190B MSIV DRAIN	TEE A	MS 1 REFA95	32 723 X-RI07	WSRB Z411	0.0 P46318	0 B	.358 .238	EBD-214-1 8'WP-4'N34	K663 K0663-01
GAD2011-E1 X-2249 MSEP DRN A - 4C Z1 TEMP 001035	TEE B	MSEPD 10 REFA95	24 707 X-RI07	TB II215	47.64 P46314	4 B	.500 .330	GAD-201-1 4'N43-5EL	K492 K0492-01
GAD2011-E3 X-2456 MSEP DRN B-FWH4 Z1 TEMP 001035	TEE B	MSEPD 10 REFA95	24 707 X-RI07	TB II215	82.35 P46315	4 B	.500 .330	GAD-201-1 14'N43-5'EL	K493 K0493-01
GAD2012-E1 X-2248 MSEP DRN A - 4B Z1 TEMP 00135	TEE B	MSEPD 10 REFA95	23 707 X-RI07	TB II214	48.23 P46313	4 B	.500 .330	GAD-201-2 4'N40-5'EL	K491 K0491-01

UNIT 2-7TH RFO -- LOCATION & DESCRIPTION OF EROSION/CORROSION EXAMS

REPORT 2

AS OF: 12/11/95

COMPONENT ID ----- REPLACED ID ----- DETAIL PLAN ----- ACC 2 LINE -----	DESCRIPTION -----	SYSTEM -----	AREA -----	BUILD -----	MEAS MIN -----	SCAFF -----	NOM WALL -----	LINE -----	MAP NO. -----
		SIZE -----	ELEV -----	ROOM -----	ERATE -----	INSUL -----	MIN WALL -----	COORD -----	
		OUTDTE -----	EXAMSCH -----		WA NO -----				ACTIVITY -----
GAD2041-E2 X-2025 EXTR 5B DRAIN (20B)	ELBOW 90	EXTST 4 REFA95	19 708 X-RI07	TB G211	25.32 P46297	6 B	0.237 0.158	GAD-204-1 4'WK-6'N40	K245 K0245-01
GBC2015-E2 X-2786	ELBOW	MS 12 REFA95	31 744 X-RI07	RB Z516	26.40 P46298	0 B	0.375 0.250	GBC201-5 267AZ-30'RCL	K246 K0246-01
GBD2011-E2A X-2790 SIS: GBD2014-E2A	REDUCER	MSEP 10 REFA95	14 701 X-RI07	TB G211	0.0 P46309	0 B	.500 .333	GBD-201-1 11'N35-16'WHB	K424 K0424-01
GBD2011-E2B X-2790 SIS: GBD2014-E2B	REDUCER	MSEP 8 REFA95	14 701 X-RI07	TB G211	0.0 P46309	0 B	.500 .333	GBD-201-1 11'N35-16'WHB	K424 K0424-01
GBD2021-E2 X-2155 EXTRACTION 5A DRN Z1 TEMP 000130, Z3 000131	ELBOW 90	EXTST 4 REFA95	19 708 X-RI07	TB G211	34.18 P46305	6 B	.237 .158	GBD-202-1 4'WK-12'S38	K393 K0393-01
GBD2023-E1 X-2126 EXTRACTION #5 C DRAIN HV-20220C	ELBOW	EXTST 4 REFA95	18 701 X-RI07	TB G211	37.85 P46308	0 B	.237 .158	GBD-202-3 18'EHB-1'S35	K402 K0402-01
GBD2023-E2 X-2154 EXTRACTION 5C DRN Z1 TEMP 000130, Z3 000138	ELBOW 90	EXTST 4 REFA95	18 707 X-RI07	TB G211	46.83 P46306	5 B	.237 .158	GBD-202-3 4'WK-12'S34	K394 K0394-01

UNIT 2-7TH RFO -- LOCATION & DESCRIPTION OF EROSION/CORROSION EXAMS

REPORT 2 AS OF: 12/11/95

COMPONENT ID ----- REPLACED ID ----- DETAIL PLAN ----- ACC 2 LINE -----	DESCRIPTION -----	SYSTEM ----- SIZE ----- OUTDTE -----	AREA ----- ELEV ----- EXAMSCH -----	BUILD ----- ROOM -----	MEAS MIN ----- ERATE ----- WA NO -----	SCAFF ----- INSUL -----	NOM WALL ----- MIN WALL -----	LINE ----- COORD -----	MAP NO. ----- ----- ----- ----- ACTIVITY -----
GBD2031-E1A X-2791 SIS: GBD2032-E1A, GBD2033-E1A Z1 TEMP 000144	REDUCER	FWHD 8 REFA95	19 701 X-RI07	TB G211	29.91 P46310	0 B	.322 .215	GBD-203-1 5'S38-5'EJ	K426 K0426-01
GBD2031-E1B X-2791 SIS: GBD2031-E1B, GBD2033-E1B Z1 TEMP 000144	REDUCER	FWHD 6 REFA95	19 701 X-RI07	TB G211	0.0 P46310	0 B	.280 .187	GBD-203-1 5'S38-5'EJ	K426 K0426-01
GBD2032-E1A X-2793 SIS: GBD2031-E1A, GBD2033-E1A Z1 TEMP 000144	REDUCER	FWHD 8 REFA95	18 701 X-RI07	TB G211	37.38 P46311	0 B	.322 .215	GBD-203-2 12'N37-20'EHB	K427 K0427-01
GBD2032-E1B X-2793 SIS: GBD2031-E1B, GBD2033-E1B Z1 TEMP 000144	REDUCER	FWHD 6 REFA95	18 701 X-RI07	TB G211	0.0 P46311	0 B	.280 .187	GBD-203-2 12'N37-20'EHB	K427 K0427-01
GBD2033-E1A X-2795 SIS: GBD2031-E1A, GBD2032-E1A Z1 TEMP 000144	REDUCER	FWHD 8 REFA95	18 701 X-RI07	TB G211	37.38 P46312	0 B	.322 .215	GBD-203-3 11'N35-15'EHB	K428 K0428-01
GBD2033-E1B X-2795 SIS: GBD2031-E1B, GBD2032-E1B Z1 TEMP 000144	REDUCER	FWHD 6 REFA95	18 701 X-RI07	TB G211	0.0 P46312	0 B	.280 .186	GBD-203-3 11'N35-15'EHB	K428 K0428-01
GBD2043-E2 X-2182 FWH 5C VENT	ELBOW 90	FW 3 REFA95	22 704 X-RI07	TB G212	16.0 P46319	0 B	.300 .200	GBD-204-3 11'N36-13'EL	K666 K0666-01

UNIT 2-7TH RFO -- LOCATION & DESCRIPTION OF EROSION/CORROSION EXAMS

REPORT 2

AS OF: 12/11/95

COMPONENT ID ----- REPLACED ID ----- DETAIL PLAN ----- ACC 2 LINE -----	DESCRIPTION -----	SYSTEM	AREA	BUILD	MEAS MIN	SCAFF	NOM WALL	LINE	MAP NO. -----
		SIZE	ELEV	ROOM	ERATE	INSUL	MIN WALL	COORID	
		OUTDTE	EXAM	SCH	WA NO				ACTIVITY -----
GBD2252-E1A X-2482A AUX SEAL SUP DR	TEE D	MCPR 4 REFA95	24 734 X-RI07	TB G416	24.05 P46252	0 B	.237 .158	GBD-225-2 0@43-2'WL	K263 K0263-01
GBD2252-E1B X-2482B	TEE D	MCPR 1 REFA95	24 734 X-RI07	TB G416	21.43 P46252	0 B	.250 .166	GBD-225-2 0@43-2'WL	K263 K0263-01
GBD2401-E2 X-2032 FWH 4A VENT	ELBOW 90	FW 3 REFA95	24 708 X-RI07	TB G215	27.0 P46263	6 B	.300 .200	GBD-240-1 6'S43-10'WK	K671 K0671-01
GFD2012-E2 X-2009 EXTR TO FWH 5A	ELBOW 90	EXTST 14 REFA95	15 715 X-RI07	TB G211	9.60 P46264	13 B	.375 .250	GFD-201-2 3'S41-0'HB	K673 K0673-01
GFD2013-E1 X-2519 EXTR TO FWH5A	ELBOW 45	EXTST 16 REFA95	24 712 X-RI07	TB 215	9.60 P50752	10 B	.375 .250	GFD-201-3 9'N43-7'WM	K760 K0760-01
GFD2014-E2 X-2011 EXTR TO FWH 5B Z1 TEMP 001111, Z3 001094	ELBOW 90	EXTST 16 REFA95	23 710 X-RI07	TB G214	0.0 P46254	8 B	0.375 0.250	GFD-201-4 7'WM-4'S40	K268 K0268-01
GFD2014-E3 X-2864	PIPE	EXTST 16 REFA95	23 709 X-RI07	TB 214	14.40 P50750	6 B	.375 .250	GFD-201-4 9'N40-7'WM	K757 K0757-01

UNIT 2-7TH RFO -- LOCATION & DESCRIPTION OF EROSION/CORROSION EXAMS

REPORT 2

AS OF: 12/11/95

COMPONENT ID REPLACED ID DETAIL PLAN ACC 2 LINE	DESCRIPTION	SYSTEM SIZE OUTDTE	AREA ELEV EXAMSCH	BUILD ROOM	MEAS MIN. ERATE WA NO	SCAFF INSUL	NOM WALL MIN WALL	LINE COORD	MAP NO. ACTIVITY
GFD2015-E2 X-2865	PIPE	EXTST 16 REFA95	22 709 X-RI07	TB 212	0.0 P50751	6 B	.375 .250	GFD-201-5 9'N35-7'WM	K759 K0759-01
GFD2031-E1A X-2125A XAROUND STEAM DRAINS	TEE A	MSEP 6 REFA95	15 696 X-RI07	TURB G113	.35.48 P46257	16 B	.280 .187	GFD-203-1 4WHB-3N40	K411 K0411-01
GFD2031-E1B X-2125B XAROUND STEAM DRAINS	TEE A	MSEP 4 REFA95	15 696 X-RI07	TURB G113	0.0 P46257	16 B	.280 .187	GFD-203-1 4WHB-3N40	K411 K0411-01
HAD2021-E2 X-2001 DRAIN 3A TO 2A	TEE B	FW 14 REFA95	19 707 X-RI07	TB G211	27.78 P46265	5 B	.375 .328	HAD-202-1 3'S39-21'WK	K674 K0674-01
HBD2061-E2 X-2085 MSV STEAM LEAKOFF FE-20104	ORIFICE	TS 6 REFA95	19 706 X-RI07	TB G211	12.77 P46255	4 B	0.280 0.186	HBD-206-1 14'EHB-1S41	K269 K0269-01
HBD2063-E1 X-2096 BPV LP STEAM LEAKOFF 2SLBPV	ELBOW 90	TS 3 REFA95	15 675 X-RI07	TB G36	24.66 P46256	16 B	0.216 0.143	HBD-206-3 21'EG-7'N40	K270 K0270-01
HBD2063-E2 X-2231 BPV 2ND LEAKOFF Z1 TEMP 000129, Z3 000132	ELBOW 90	TS 3 REFA95	16 716 X-RI07	TB G211	35.61 P46258	14 B	.216 .143	HBD-206-3 6EG-5N43	K412 K0412-01



UNIT 2-7TH RFO -- LOCATION & DESCRIPTION OF EROSION/CORROSION EXAMS

REPORT 2 AS OF: 12/11/95

COMPONENT ID REPLACED ID DETAIL PLAN ACC 2 LINE	DESCRIPTION	SYSTEM SIZE OUTDTE	AREA ELEV EXAMSCH	BUILD ROOM	MEAS MIN ERATE WA NO	SCAFF INSUL	NOM WALL MIN WALL	LINE COORD	MAP NO. ACTIVITY
HBD20712-E2 X-2821 HAND GRID	45 ELBOW	EXTST 24 REFA95	18 719 X-RI07	TB LPCON	41.6 P46339	16	.375 .250	HBD-207-12 7'S35-6'EHB	K682 K0682-01
HBD20712-E3 X-2840	90 ELBOW	EXTST 24 REFA95	.18 717 X-RI07	TB LPCON	46.4 P46340	15	.375 .250	HBD207-12 7'S35-8'EHB	K683 K0683-01
HBD20712-E4 X-2841	90 ELBOW	EXTST 24 REFA95	18 712 X-RI07	TB LPCON	123.2 P46341	10	.375 .250	HBD207-12 5'N35-8'EHB	K684 K0684-01
HBD2079-E1 X-2856	PIPE	EXTST 24 REFA95	14 721 X-RI07	TB LPCON	47.2 P46338	18	.375 .250	HBD-207-9 7'S35-6'WHB	K506 K0506-01
HBD2079-E2 X-2857 HAND GRID	45 ELBOW	EXTST 24 REFA95	14 719 X-RI07	TB LPCON	44.0 P46359	16	.375 .250	HBD-207-9 7'S35-6'WHB	K702 K0702-01
HBD2079-E3 X-2836	90 ELBOW	EXTST 24 REFA95	14 717 X-RI07	TB LPCON	46.4 P46360	15	.375 .250	HBD207-9 7'S35-8'WHB	K703 K0703-01
HBD2079-E4 X-2837	90 ELBOW	EXTST 24 REFA95	14 712 X-RI07	TB LPCON	116.0 P46361	10	.375 .250	HBD207-9 5'N35-8'WHB	K704 K0704-01



UNIT 2-7TH RFO -- LOCATION & DESCRIPTION OF EROSION/CORROSION EXAMS

REPORT 2

AS OF: 12/11/95

COMPONENT ID REPLACED ID DETAIL PLAN ACC 2 LINE	DESCRIPTION	SYSTEM SIZE OUTDTE	AREA ELEV EXAMSCH	BUILD ROOM G211	MEAS MIN ERATE WA NO	SCAFF INSUL	NOM WALL MIN WALL	LINE COORDID	MAP NO. ACTIVITY
HBD2092-E6 X-2239 Z1 TEMP 001039, Z3 001089	45 ELBOW	EXTST 26 REFA95	20 712 X-RI07	TB G211	84.0 P46326	10 B	0.375 0.250	HBD-209-2 9'S42-14'WK	K297 K0297-01
HBD2094-E1 X-2164 EXTRACTION TO FWH 3B	ELBOW 90	EXTST 26 REFA95	23 712 X-RI07	TB G214	0.0 P46328	10 B	0.375 0.250	HBD-209-4 9'S39-8'WL	K306 K0306-01
HBD2096-E1 X-2165 EXTRACTION TO FWH 3C	ELBOW 90	EXTST 26 REFA95	22 711 X-RI07	TB G212	0.0 P46330	10 B	0.375 0.250	HBD-209-6 9'S34-8'WL	K321 K0321-01
HBD2097-E1 X-2735 EXTR TO FWH3A	ELBOW 90	EXTST 20 REFA95	19 715 X-RI07	TB G211	8.80 P46388	12 B	0.375 0.250	HBD209-7 7EJC-2'S39	K705 K0705-01
HBD2203-E1 X-2157 FWH 3C VENT	ELBOW	FWHV 3 REFA95	22 704 X-RI07	TB G212	16.66 P46389	0 B	.216 .144	HBD-220-3 13'N36-13'EK	K706 K0706-01
HBD2203-E2 X-2033 FWH 3C VENT	ELBOW	FW 4 REFA95	22 708 X-RI07	TB G212	11.39 P46390	5 B	.237 .158	HBD-220-3 13'N36-12'EK	K707 K0707-01
HBD2541-E1 X-2166 HP TURB INNER GLAND LEAKOFF	ELBOW 90	TS 4 REFA95	19 725 X-RI07	TB G211	32.80 P46362	24 B	0.237 0.157	HBD-254-1 12'N42-OHB	K328 K0328-01

UNIT 2-7TH RFO -- LOCATION & DESCRIPTION OF EROSION/CORROSION EXAMS

REPORT 2 AS OF: 12/11/95

COMPONENT ID REPLACED ID DETAIL PLAN ACC 2 LINE	DESCRIPTION	SYSTEM SIZE OUTDTE	AREA ELEV EXAMSCH	BUILD ROOM	MEAS MIN ERATE WA NO	SCAFF INSUL	NOM WALL MIN WALL	LINE COORD	MAP NO. ACTIVITY
HBD2682-E1 X-2816 SIS: HBD1681-E1 Z1 TEMP 000139, Z3 000138	45 ELBOW	MCPR 4 REFA95	15 695 X-RI07	TB 113	51.25 P46377	16 B	.237 .158	HBD-268-2 9'N41-3WHB	K431 K0431-01
HFD2014-E1 X-2253 EXTR TO FWH 4B	90 ELBOW	EXTST 16 REFA95	23 711 X-RI07	TB G214	0.0 P46363	10 B	.375 .250	HFD-201-4 9'N40-5'EL	K333 K0333-01
HFD2016-E3 X-2767 COND: HFD2016-E2, 4, 5, 6, REPL'D RI08 Z1 TEMP 001111, Z3 001094	90 ELBOW	EXTST 16 REFA95	18 712 X-RI07	TB G211	129.6 P46379	10 B	.375 .250	HFD-201-6 2'S36-24'WK	K451 K0451-01
SPEAD2141-E1 X-2133 RCIC STEAM LINE DRAIN	ELBOW 90	RCIC 1 REFA95	32 723 X-RI07	RBWS Z411	37.5 P46364	0 B	0.358 .238	SPEAD-214-1 1'N34-5'EM	K336 K0336-01
SPEAD2141-E2 X-2232 RCIC STEAM LEAD DRAIN	BEND	RCIC 1 REFA95	32 727 X-RI07	RBWS Z411	37.50 P46401	7 B	.358 .238	SPEAD-214-1 10'N34-6'WP	K748 K0748-01
SPEBD2111-E2 X-2184 RFPT A HP BEFORE SEAT DRAIN	BEND 90	RFPT 1 REFA95	19 670 X-RI07	TB G36	20.17 P46391	12 B	.358 .238	SPEBD-211-1 7'S39-31'EHB	K709 K0709-01
SPEBD2112-E1 X-2431 RFPT A HP ST DR	VALVE	RFPT 1 REFA95	19 669 X-RI07	TB I136	3.33 P46387	10 B	.358 .238	SPEBD-211-2 4'S39-31'EHB	K496 K0496-01

UNIT 2-7TH RFO -- LOCATION & DESCRIPTION OF EROSION/CORROSION EXAMS

REPORT 2 AS OF: 12/11/95

COMPONENT ID ----- REPLACED ID ----- DETAIL PLAN ----- ACC 2 LINE -----	DESCRIPTION -----	SYSTEM ----- SIZE ----- OUTDTE -----	AREA ----- ELEV ----- EXAMSCH -----	BUILD ----- ROOM ----- WA NO -----	MEAS MIN ----- ERATE ----- WA NO -----	SCAFF ----- INSUL -----	NOM WALL ----- MIN WALL -----	LINE ----- COORD -----	MAP NO. ----- ----- ----- ----- ----- -----
SPEBD2115-E1 X-2186 RFPT B HP BEFORE SEAT DRAIN	BEND	RFPT 1 REFA95	18 670 X-R107	TB G36	30.0 P46380	11 B	.358 .238	SP-EBD-211-5 5S37-20WK	K456 K0456-01
SPEBD2115-E2 X-2185 RFPT B HP BEFORE SEAT DRAIN FO-22712B	ORIFICE	RFPT 1 REFA95	18 670 X-R107	TB G36	13.33 P46392	11 B	.358 .238	SP-EBD-211-5 6'S37-20'WK	K710 K0710-01
SPEBD2119-E1A X-2131 RFPT C HP ABOVE SEAT DRAINS	REDUCER	RFPT 1.5 REFA95	18 670 X-R107	TB G36	0.0 P46365	10 B	0.400 0.267	SPEBD-211-9 15'EHB-7'S35	K337 K0337-01
SPEBD2119-E1B X-2131 RFPT C HP ABOVE SEAT DRAINS	REDUCER	RFPT 1 REFA95	18 670 X-R107	TURB G36	41.67 P46365	10 B	0.358 0.238	SPEBD-211-9 15'EHB-7'S35	K337 K0337-01
SPEBD2143-E1 X-2134 HPCI STEAM LINE DRAIN	ELBOW 90	HPCI 1 REFA95	32 723 X-R107	RBWS R411	13.33 P46393	0 B	.358 .238	SPEBD-214-3 1'N34-6'EM	K711 K0711-01
SPEBD2143-E2 X-2435 HPCI ST LN DRN REPLACED R104	BEND 90	HPCI 1 REFA95	32 725 X-R107	RBWS Z411	28.33 P46394	4 B	0.358 0.238	SPEBD-214-3 1'N34-6'EM	K712 K0712-01
SPGAD24421-E1 X-2124 MAIN STEAM AFTER CV DRAINS	90 ELBOW	TS 2 REFA95	19 678 X-R107	TB G113	37.39 P46381	0 B	.344 .229	SPGAD-244-2 3S40-3EHB	K460 K0460-01

UNIT 2-7TH RFO -- LOCATION & DESCRIPTION OF EROSION/CORROSION EXAMS

REPORT 2 AS OF: 12/11/95

COMPONENT ID ----- REPLACED ID ----- DETAIL PLAN ----- ACC 2 LINE -----	DESCRIPTION -----	SYSTEM -----	AREA -----	BUILD -----	MEAS MIN -----	SCAFF -----	NOM WALL -----	LINE -----	MAP NO. -----
		SIZE -----	ELEV -----	ROOM -----	ERATE -----	INSUL -----	MIN WALL -----	COORD -----	
		OUTDTE -----	EXAMSCH -----		WA NO -----				ACTIVITY -----
SPGAD24422-E1 X-2123 MAIN STEAM AFTER CV DRAINS	TEE A	TS 2 REFA95	15 685 X-RI07	TB G113	23.48 P46382	6 B	.344 .229	SPGAD-244-2 4S40-24WHB	K461 K0461-01
SPGAD24422-E3A X-2235	TEE B	TS 1 REFA95	19 688 X-RI07	TB G113	0.0 P46366	10 B	0.250 0.167	SPGAD244-2 2'N41-12'EHB	K338 K0338-01
SPGAD24422-E3B X-2235, X-4018	TEE B	TS 1 REFA95	19 688 X-RI07	TB G113	8.43 P46366	10 B	0.250 .166	SPGAD-244-2 2N41-12EHB	K338 K0338-01
SPGAD24423-E4 X-2236 MAIN STEAM LEAD DRAINS.	VALVE	TURB 1 REFA95	15 685 X-RI07	TB G113	32.53 P46395	6 B	.250 .167	SPGAD-244-2 7'S40-19'WHB	K713 K0713-01
SPGAD2451-E9 X-2226 CV BEFORE SEAT DRAIN	ELBOW 90	TS 1 REFA95	19 707 X-RI07	TB G211	46.99 P46367	5 B	0.250 0.167	SPGAD-245-1 7'S41-19'WK	K342 K0342-01
SPGAD2541-E1 X-2105 MAIN STEAM RFPT HDR DRAIN Z3 TEMP 000136, ECO 89-2106	ELBOW 90	RFPT 1 REFA95	18 682 X-RI07	TB G113	37.35 P46368	0 B	0.250 0.167	SPGAD-254-1 4N35-3WK	K343 K0343-01
SPGAD2541-E4 X-2042 RFPT MN STM HDR DRAIN ECO 89-6106	SR ELBOW 90	RFPT 1.5 REFA95	18 679 X-RI07	TB G113	7.45 P46396	0 B	.281 .187	SPGAD-254-1 3'WK-5'N35	K714 K0714-01

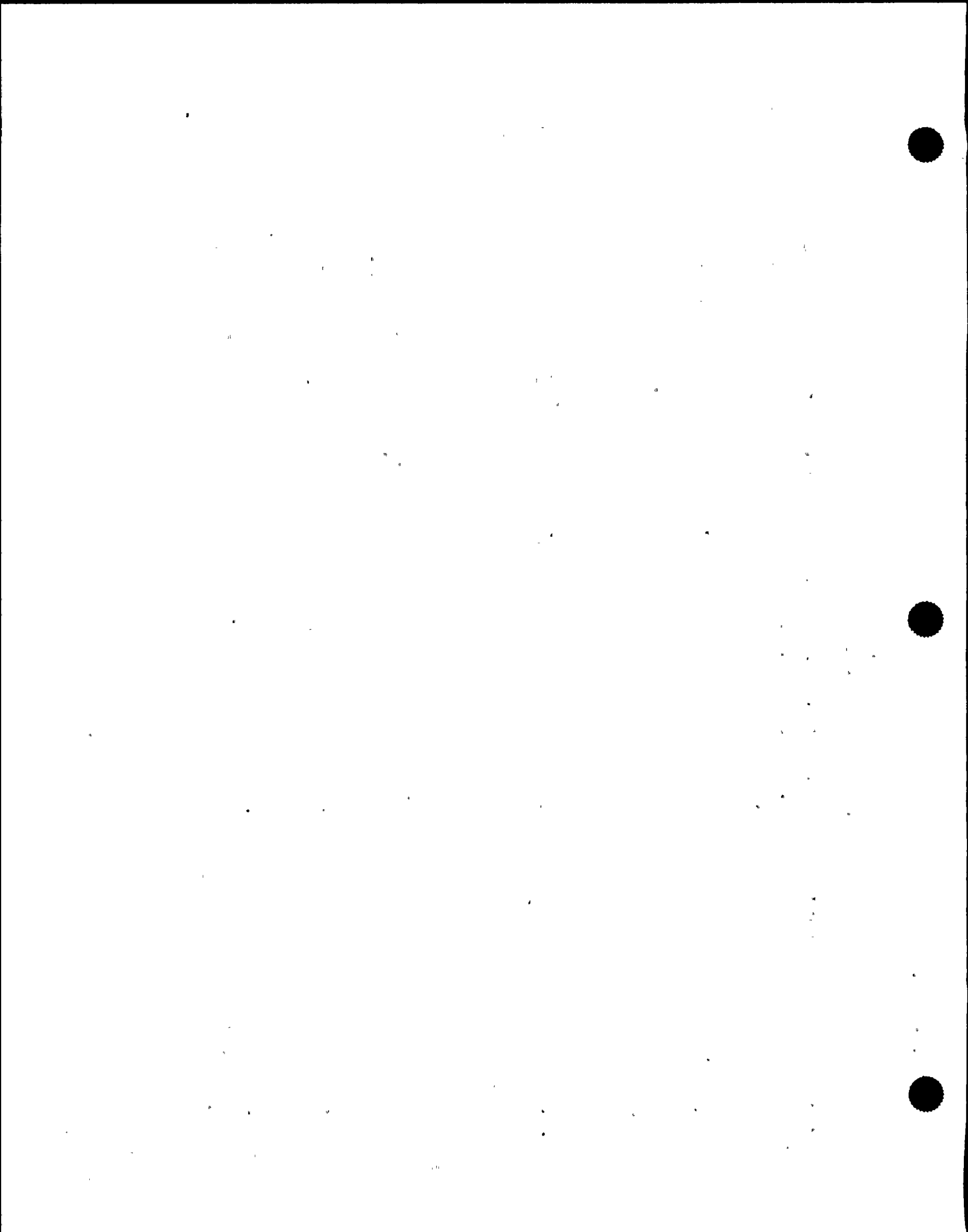




UNIT 2-7TH RFO -- LOCATION & DESCRIPTION OF EROSION/CORROSION EXAMS

REPORT 2 AS OF: 12/11/95

COMPONENT ID REPLACED ID DETAIL PLAN ACC 2 LINE	DESCRIPTION	SYSTEM SIZE OUTDTE	AREA ELEV EXAMSCH	BUILD ROOM	MEAS MIN ERATE WA NO	SCAFF INSUL	NOM WALL MIN WALL	LINE COORD	MAP NO. ACTIVITY
SPHBD20051-E2 X-2160 STEAM SEAL HEADER DRN FO-20722 ECO 91-6092, REPL RIO5	ORIFICE	TS 1 REFA95	19 706 X-RI07	TB G211	11.67 P46414	4 B	0.179 0.119	SPHBD-2005-1 8'6N41-2'7EHE	K725 K0725-01
SPHBD20721-E1 X-2038 RFPT C XAROUND DRAIN	SR ELBOW 90	RFPT 2 REFA95	18 682 X-RI07	TB G113	15.07 P46415	0 B	.218 .145	SPHBD-2072-1 8'N36-3'WK	K726 K0726-01
SPHBD20732-E3 X-2678 RFPT XAROUND HDR DRAIN	BEND 90	RFPT 2 REFA95	18 669 X-RI07	TB G36	39.72 P46411	12 B	.218 .145	SPHBD-2073-2 13S37-0EJ	K474 K0474-01
SPHBD20741-E1 X-2040 RFPT A XAROUND DRAIN	SR ELBOW 90	RFPT 2 REFA95	23 681 X-RI07	TB G116	32.87 P46406	0 B	0.218 0.145	SPHBD2074-1 7'7S39-2'3EK	K359 K0359-01
SPHBD20853-E2A X-2215A RFPT C FIRST STAGE DRAIN	REDUCER	RFPT 1.5 REFA95	18 670 X-RI07	TB G36	32.81 P46416	11 B	.200 .133	SPHBD-2085-3 5'S35-9'WK	K732 K0732-01
SPHBD20853-E2B X-2215B RFPT C FIRST STAGE DRAIN	REDUCER	RFPT 1.25 REFA95	18 670 X-RI07	TB G36	0.0 P46416	11 C	.191 .127	SPHBD-2085-3 5'S35-9'WK	K732 K0732-01
SPHBD20910-E1 X-2204 EXTRACTION 3A DRAIN	ELBOW 90	EXTST 2 REFA95	19 701 X-RI07	TB G211	30.14 P46407	0 B	0.218 0.145	SPHBD-209-10 2'S39-10'WJC	K360 K0360-01





UNIT 2-7TH RFO -- LOCATION & DESCRIPTION OF EROSION/CORROSION EXAMS

REPORT 2

AS OF: 12/11/95

COMPONENT ID ----- REPLACED ID ----- DETAIL PLAN ----- ACC 2 LINE -----	DESCRIPTION -----	SYSTEM	AREA	BUILD	MEAS MIN	SCAFF	NOM WALL	LINE	MAP NO. -----
		SIZE	ELEV	ROOM	ERATE	INSUL	MIN WALL	COORD	
		OUTDTE	EXAMSCH		WA NO				ACTIVITY -----
2SLMSV-E8 X-2086 MSV SEALING STEAM	ELBOW 90	TS 1 REFA95	19 710 X-RI07	TB G211	36.67 P46501	8 B	0.179 0.119	F110610-3001 8'S40-9'WK	K382 K0382-01
3SCVL-E17A X-2559A CV4 SEAL STEAM	TEE A	TS 1.5 REFA95	19 717 X-RI07	TB 211	0.0 P46523	14 B	.200 .133	D215103 8'S41-16'WK	K754 K0754-01
3SCVL-E17B X-2559B CV4 SEAL STEAM	TEE A	TS .5 REFA95	19 717 X-RI07	RB 211	0.0 P46523	14 B	.147 .100	D215103 8'S41-16'WK	K754 K0754-01
3SCVL-E21A X-2557A CV 2 SEAL STEAM	TEE A	TS 1.5 REFA95	19 717 X-RI07	TB 211	19.15 P46524	14 B	.200 .133	D215103 6'N41-16'WK	K755 K0755-01
3SCVL-E21B X-2557B CV 2 SEAL STEAM	TEE A	TS .5 REFA95	19 717 X-RI07	TB 211	27.66 P46524	14 B	.147 .100	D215103 6'N41-16'WK	K755 K0755-01
3SCVL-E23 X-2091 CV 1 SEAL STEAM	ELBOW 90	TS .5 REFA95	19 717 X-RI07	TB G211	31.92 P46507	14 B	.147 .100	D215103 5S40-16WK	K486 K0486-01

TOTAL EROSION/CORROSION EXAMS: 181



**NUREG-0313 CATEGORY C WELDS
FOR MSIP**

MSIP WELD LISTING

UNIT 2

Weld #	Weld Identification	Size	Description	Out age	Area	Room	Elev	C1103 System		WA Number
1	DBB-207-1-FW-3	24	RHR Div I INJ AT F015A (P-V)	6th	34	202	710	RHR	I	
2	DBB-207-1-I-B	24	RHR Div I INJ BET F015A & F017A (E-P)	7th	34	202	710	RHR	I	V-53063
3	DBB-207-2-FW-3	24	RHR Div II INJ AT F015B (P-V)	6th	33	202	711	RHR	II	
4	DBB-207-2-I-A	24	RHR Div II INJ BET F015B & F017B (P-E)	7th	33	202	711	RHR	II	V-53062
5	DBB-207-2-I-D	24	RHR Div II INJ BET F015B & F017B (E-P)	6th	33	202	711	RHR	II	
6	DCA-208-1-FW-11	20	RHR DISCH AT F008 (V-E)	7th	33	202	711	SDC	Cm	V-53061
7	DCB-202-1-FW-2	6	Head Spray Dwnstrm of F023 (V-FH)	6th	34	202	711	RHR	I	
8	DCB-202-1-FW-4	6	Head Spray BET F022 & F023 (FH-E)	7th	31	206	711	RHR	I	V-53060
9	HBB-211-1-I-A	20	Com SDC Suct Dwnstrm of F008 (E-RED)	7th	33	202	711	SDC	CM	V-53059
10	N1A NOZ-SE	28	"A" Recirc Pump Suction (Noz-SE)	6th	31	400	746	RHR	I	
11	N1B NOZ-SE	28	"B" Recirc Pump Suction (Noz-SE)	7th	31	400	746	SDC	CM	V-53064
12	N2A NOZ-SE	12	Recirc Pump Riser (SE-Noz)	6th	31	400	747	RHR	II	
13	N2B NOZ-SE	12	Recirc Pump Riser (SE-Noz)	7th	31	400	747	RHR	II	V-53065
14	N2C NOZ-SE	12	Recirc Pump Riser (SE-Noz)	7th	31	400	747	RHR	II	V-53066
15	N2D NOZ-SE	12	Recirc Pump Riser (SE-Noz)	7th	31	400	747	RHR	II	V-53067
16	N2E NOZ-SE	12	Recirc Pump Riser (SE-Noz)	7th	31	400	747	RHR	II	V-53068
17	N2F NOZ-SE	12	Recirc Pump Riser (SE-Noz)	6th	31	400	747	RHR	I	
18	N2G-NOZ-SE	12	Recirc Pump Riser (SE-Noz)	7th	31	400	747	RHR	I	V-53069
19	N2H NOZ-SE	12	Recirc Pump Riser (SE-Noz)	7th	31	400	747	RHR	I	V-53070

MSIP WELD LISTING UNIT 2

Weld #	Weld Identification	Size	Description	Out age	Area	Room	Elev	C1103 System		WA Number
20	N2J NOZ-SE	12	Recirc Pump Riser (SE-Noz)	6th	31	400	747	RHR	I	
21	N2K NOZ-SE	12	Recirc Pump Riser (SE-Noz)	6th	31	400	747	RHR	I	
22	N5A NOZ-SE	10	CS Div II Inject Nozzle (SE-Noz)	7th	31	516	772	CS	II	V-53071
23	N5A SE-SEXT	10	CS Div II Inject Nozzle (Se Ext-SE)	7th	31	516	772	CS	II	V-53072
24	N5B NOZ-SE	10	CS Div I Inject Nozzle (SE-Noz)	7th	31	516	772	CS	I	V-53073
25	N5B NOZ-SEXT	10	CS Div I Inject Nozzle (Se Ext-SE)	7th	31	516	772	CS	I	V-53074
26	N8A NOZ-SE	4.5	Cal Jet Pump Inst Line (SE-NOZ)	7th	31	516	745	NB	Non	V-53075
27	N8A SE-PEN SEAL	4	Cal Jet Pump Inst Line (SE-Pen Seal)	7th	31	516	745	NB	Non	V-53076
28	N8B NOZ-SE	4.5	Cal Jet Pump Inst Line (SE-Noz)	7th	31	516	745	NB	Non	V-53077
29	N8B SE-PEN SEAL	4	Cal Jet Pump Inst Line (SE-PEN-Seal)	7th	31	516	745	NB	Non	V-53078
30	N9 NOZ-CAP	4	CRD to RPV Return (Cut/Cap Line) (Noz-CP)	7th	31	516	770	CRD	Non	V-53079
31	VRR-B31-3-10-C	28	Recirc Div I Suct Riser (P-P)	6th	31	400	732	RxR	I	

Norm Fedder 2/8/95

