

SUSQUEHANNA STEAM ELECTRIC STATION

INSERVICE INSPECTION

OUTAGE SUMMARY REPORT

for the

UNIT I

SECOND REFUELING OUTAGE

JULY 20, 1986

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PDR ADCK 05000387  
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## FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Pennsylvania Power and Light Company  
2 North 9TH Street, Allentown, PA 18101  
 (Name and Address of Owner)
2. Plant Susquehanna Steam Electric Station  
Route 11, Berwick, PA 18603  
 (Name and Address of Plant)
3. Plant Unit I 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 6-8-83 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.
Containment Vessel	Bechtel	PV-4665	N/A	N/A
Diesel Generators	Cooper Bessemer	0-24A	N/A	N/A
Emergency Service Water	Bechtel	0-54B	N/A	N/A
HVA RX BLD H&V	Bechtel/PP&L	1-34F	N/A	N/A
Feedwater	Bechtel	1-45A	N/A	N/A
Fuel Pool Cooling	Bechtel	1-35B	N/A	N/A
Main Steam	Bechtel	1-83A,B,D,F	N/A	N/A
MSIV Leakage Cont	Bechtel	1-83H	N/A	N/A
R Bld.-Closed Cooling Water	Bechtel	1-14A	N/A	N/A
RCIC	Bechtel	1-50B,C	N/A	N/A
RPV	CB&I	15401	B111230	3686
Reactor Recirculation	Bechtel	1-64A,B	N/A	N/A
RWCU	Bechtel	1-61B,A	N/A	N/A
RHR	Bechtel	1-49	N/A	N/A
CRD	Bechtel	1-55	N/A	N/A
Standby Lig Control	Bechtel	1-53A	N/A	N/A

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 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)

6/13/85  
8. Examination Dates ~~2-8-86~~ to ~~6-8-86~~ 9. Inspection Interval from ~~6-8-83~~ to ~~6-8-93~~

[JKS 7/21/86]  
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 Summary 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 July 18 19 86 Signed [Signature] By T. M. Crimmins  
Owner Superintendent of Plant

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

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 PENNA. and employed by ARKWRIGHT BOSTON MFG. CO. of WALTHAM, MASS. have inspected the components described in this Owners' Data Report during the period JUNE 13, 1985 to APRIL 23, 1986, 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 July 19 19 86

William R. Rogers III Commissions NB 7980 PA 2204  
Inspector's Signature National Board, State, Province and No.

# Pennsylvania Power and Light Company

1. Owner 2 North 9th Street, Allentown, PA 18101

(Name and Address of Owner)

(Name and Address of Owner)  
Susquehanna Steam Electric Station

2. Plant Route 11, Berwick, PA 18603

(Name and Address of Plant)

3. Plant Unit 1

#### 4. Owner Certificate of Authorization (if required):

N/A כפי ש

### 5. Commercial Service Date

6-8-83

6. National Board Number for Unit \_\_\_\_\_

2. NLZÄ

[illegible]

## A. INTRODUCTION

1. Susquehanna Steam Electric Station, Unit 1, began commercial operation on June 8, 1983. The unit was shutdown for its second refueling outage on February 8, 1986, 33 months into the 36 month 1st Inspection Period of the 1st Ten Year Inspection Interval. The refueling outage and the inservice inspection were completed on April 23, 1986. This report covers the examinations, tests, replacements and repairs conducted from the conclusion of the first refuel outage to the conclusion of the second refuel outage.
2. The applicable year and addenda of the ASME Boiler and Pressure Vessel Code, Division 1, Section XI for the SSES Unit 1 is the 1980 Edition through and including the Winter, 1980 Addenda. PP&L has selected the 10 year inspection interval as prescribed in IWA-2420. The first period of the first interval ended 6/8/86.
3. This report is divided into the various sections listed below:

Piping and Component Examinations  
Reactor Pressure Vessel Examinations  
System Pressure Tests  
Snubber Functional Tests  
ASME Repairs and Replacements

Each of these sections is handled as a separate entity within this report and all required information for each section is included in that section or in the noted appendices. Only Class 1 and Class 2 components are included in this report. Submittal of NIS-2 Forms for Class 1, 2 and 3 components are accomplished by transmittal of this Summary Report to Regulatory Agencies. NIS-2 Forms generated for Class 3 components since the beginning of commercial operation to date are also included.

4. The Inservice Inspections as outlined in Appendix B describe the work performed to comply with the periodic requirements for the First Interval. Variances to the compliance report are described within the appropriate section of this report.
5. The Authorized Nuclear Inservice Inspectors for the 1st Period were:  
  
William R. Rogers III, ANIIS  
Delton E. Tillery, ANII  
Arkwright Boston Manufacturers Mutual Insurance Co.  
Waltham, Massachusetts
6. A comparison between PSI and ISI data was performed in accordance with IWB-3121. Acceptance of the ISI data was per IWB-3122, 3124 and 3125 guidelines.
7. During the subject outage several areas were identified by PP&L where PSI data had not been generated. Prior to the return of the plant to service, PSI data was generated during this outage. This item is described in detail under the Piping and Components Section.

## B. PIPING AND COMPONENT EXAMINATIONS

### 1. Abstract of Examinations

- a. The piping and components examinations were conducted in accordance with section IWB-2000 (Class 1) and IWC-2000 (Class 2) of Section XI and PP&L document ISI-T-107.0. The NDE contractor utilized was Southwest Research Institute, San Antonio, Texas. A detailed listing of the examinations performed and their results are contained in Appendices A.1 and A.2.

- b. Code Compliance Summary

Appendix B provides a breakdown by Code Category and Item Number for all Section XI Class 1 and Class 2 components. System pressure tests are covered in section D of this report. This listing includes the total of PP&L's selected components for the 1st Inspection Interval and compares it with the actual 1st Period completion. Percentages are shown for completed work in the 1st Period and also for the 1st Interval.

The periodic requirements were satisfied with the exception of the welds to be examined under code categories c-a and c-b. A percentage of the total length of weld (33.33) to be examined was not scheduled to be performed during the first period. These eight welds will be examined during the Unit 1 Third Refuel outage in order to satisfy the overall Interval percentages.

### 2. Abstract of Conditions Noted and Corrective Actions

- a. There was only one component where a surface indication exceeded code acceptance criteria. Feedwater hanger DBB-1181-H2 had linear indications discovered by magnetic particle examination. The indications were removed by mechanical grinding and treated as an ASME non welded repair under PP&L NCR 86-0051.

Per IWB-2430, additional examinations were performed on Feedwater hanger DBB-1191-H2. Similar indications were discovered/removed by mechanical grinding as a non welded repair per PP&L NCR 86-0166. As this was the only other component of similar design the requirements of IWB-2430 were satisfied.

- b. Incomplete Examinations

There were a total of seven examinations where access to the volume requiring nondestructive testing was limited due to configuration. These areas will be submitted along with the SSES Unit 1 First Refuel Outage limited exams requesting relief. The relief requests for both outages are the total number of limited examinations for the first period. Those components where limited exams resulted due to configuration for this outage total seven (7) and are as follows:

SYSTEMCOMPONENT

HPCI	DBB-1141-H30
RHR	GBB-1092-H8
RHR	DCB-1021-H2
RHR	DCA-1081-FW12
RR	VRR-B311-FWA5
FW	DBB-1181-1A
FW	DLA-1011-FW1

## c. Manufacturing Defects

Surface indications were discovered in the base material outside the area of interest of two (2) welds. These indications were metallographically examined by PP&L and were determined to be laps in the base material resulting from the manufacturing process. The indications were mechanically flapped away with no welded repairs being required.

PP&L NCR's 86-0049 and 86-0093 document these indications and PP&L's disposition. Since these indications were not 'service induced' the requirements of IWC-2430 do not apply and no additional examinations were performed.

The affected welds were:

Main Steam	DBB-1041-2A
RCIC	EBB-1031-4A

## d. Preservice Examination

During the conduct of the outage, it was noted that selected components within the RHR and RR systems did not have existing preservice documentation. These components are identified under PP&L NCR's 86-0061, 86-0062, 86-0063, 86-0064 and 86-0098. The year and addenda of the code pertinent to PP&L's preservice examination commitment is ASME 1974 through and the Summer 1975 Addenda.

Volumetric examination was performed on the 34 long seams associated with 67 circumferential welds a distance of one pipe diameter but not more than 12" as discussed with the USNRC. The examinations were conducted in accordance with current IGSCC volumetric techniques which are more sensitive than that required by the year and addenda of the preservice examination code. (ASME 74, S75 Addenda) No failures were identified.

Of the total number of long seams requiring examination, RHR long seam DCA-1112-3B could not be examined at it's junction with circumferential weld 3A due to being encased in concrete. PP&L will request relief from this examination at the end of the period. The data was generated for PSI requirements therefore, no credit was claimed to maintain ASME periodic percentages.



## C. REACTOR PRESSURE VESSEL EXAMINATIONS

### 1. Abstract of Examinations

RPV examinations were performed onsite by General Electric Company on items specified for the Unit-1 Second Refuel Outage by PP&L document ISI-T-107, Rev 05.

The examinations were performed in accordance with the requirements of ASME XI 1980 including the Addenda through Winter 1980 and USNRC Regulatory Guide 1.150, Revision 1 Alternate Method. All procedures were qualified to the satisfaction of the ANII in accordance with IWA-2240.

Examinations were performed on ASME Section XI Categories B-A, B-D, B-F, B-H and B-J. Augmented examinations were performed on PP&L category AUG-3 and AUG-4 components.

Due to the high dose rates on specific components, remote automatic ultrasonic examinations were performed on accessible portions of the RPV nozzle to vessel welds, nozzle inside radiused sections, and, nozzle to safe end welds. Manual ultrasonic, liquid penetrant, magnetic particle and visual examinations were performed on the RPV closure head welds, integral attachments and nozzle to safe end welds. See Summary Report #1 for a listing of examinations and type of examination performed in Appendices.

There was excellent correlation between indications that were detected both during Preservice and Inservice Testing. The locations and amplitudes of these indications, as shown by comparison of dac plots, is within the operational tolerances of the equipment. The results of this Inservice Examination indicate that there was no "Abnormal Degradation of the Reactor Pressure Boundary" requiring reporting in accordance with USNRC Reg. Guide 1.16 requirements.

In addition, 47 CRD housing bolts assemblies, Code Category B-G-2 had visual examinations performed on them by Southwest Research Institute personnel. See Appendix A for a listing of those housing bolts examined.

### 2. Code Compliance Summary

See Appendix B.

### 3. Abstract of Conditions Noted and Corrective Measures Taken

Detailed information the RPV is contained in the General Electric Examination Report for the SSES Unit #1 RPV Inservice Examinations. No reportable indications were identified.

#### a. Preservice Examination

It was identified under PP&L NCR 86-0065 that no preservice inspection results were documented for the Unit I N8A and N8B safe end to penetration seal welds for the jet pump instrumentation nozzles.

A review of the construction records revealed existence of nondestructive testing data for the subject welds. The data was reviewed and accepted as preservice inspection data in accordance with IWB-2200 b.

The indications detected during the Inservice Examinations were compared to the results of the Preservice Examination to determine whether there was any degradation of the pressure boundary. The comparison was performed only for ASME Section XI indications since USNRC Reg. Guide 1.150 was not in effect for the SSES Unit 1 Preservice Examinations. Future examinations of the welds examined during this outage will include comparisons of both ASME XI and Reg. Guide 1.150 results.

b. Incomplete Examinations

During conduct of the examinations, several conditions prevented complete examination coverage of welds due to design, obstruction to the automated equipment, etc. These areas are tabulated in Summary Report #2 in Appendix E. Relief from these areas will be requested.

c. CRD Bolting

It was identified under PP&L NCR 86-0132 that a portion of the CRD bolting inspected had recordable corrosion identified. Since no accept/reject criteria exists, examinations were not expanded.

Corrective action is to provide more definitive acceptance criteria for the subject bolting and develop a program to more adequately maintain traceability. Replaced bolting was accepted as is based on receiving a preservice inspection prior to returning to service.

## D. SYSTEM PRESSURE TESTS

### 1. Abstract of Tests Conducted

A total of 6 pressure tests were conducted. The systems were pressurized to operating pressure and certified visual examiners performed the VT-2 examinations. The test boundaries and pressures are detailed in the specific system surveillance procedure (SE) for each test. These SE procedures are listed in paragraph D.5.a below.

### 2. Code Compliance Summary

- a. Code Category B-P requires a system pressure test per IWB-5221 (Class I System Leakage Test) each refueling outage. This item was satisfied under SE-100-002.
- b. Code Category B-P also requires a hydrostatic test per IWB-5222 each inspection interval. No work was performed in this area.
- c. Code Category C-H requires a system pressure test per IWC-5221 each inspection period for Class 2 and 3 systems. This requirement was satisfied for the following systems:

- Control Rod Drive
- Residual Heat Removal
- Main Steam
- Main Steam Isolation Valve Leakage Control System
- Fuel Pool Cooling

- d. Code Category C-H also requires a system hydrostatic test per IWC-5222 each inspection interval. No work was performed on this item during the outage.

### 3. Abstract of Conditions Noted and Corrective Measures Taken

- a. During the conduct of the pressure tests listed above, minor leaks were detected in random locations. These leaks were not due to through wall penetrations of system boundary piping. They were due to minor mechanical leaks in packing, seals, flanges, etc. These leaks were documented on Work Authorizations and corrected by plant maintenance personnel.
- b. Due to a forced outage, the system pressure test for the Fuel Pool Cooling System could not be performed during the first period as required by IWC-5210. The required system pressure test was conducted three (3) weeks after the end of the first period. The condition was documented under PP&L NCR 86-0398 and was accepted as is.

#### 4. Detailed Listing

##### a. Procedures Utilized

Class I System Leakage Test	SE-100-002
Main Steam Inservice Leakage Test	SE-183-311
Main Steam Leakage Control Inservice Leak Test	SE-183-301
Control Rod Drive Inservice Leakage Test	SE-155-301
Residual Heat Removal Inservice Leak Test	SE-149-301
Fuel Pool Cooling Inservice Leak Test	SE-135-301

## E.- MECHANICAL SNUBBER FUNCTIONAL TESTS

### 1. Abstract of Tests Conducted

A total of 1344 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 #IRR-9 requesting specific relief from the requirements of IWF-5000 in ASME Section XI. This relief request is contained in document ISI-T-106, Inservice Inspection Program Plan First Ten Year Inspection Interval.

The original sample size was set at 105 in accordance with the referenced Tech Specification. An additional 10 snubbers were to be tested due to failures during the previous outage. These retests were successful. In addition, 20 special case snubbers were tested (5 failures) plus 12 Vessel Head snubbers per PP&L NCR 86-0077 for PP&L information only.

### 2. Code Compliance Summary

Per relief request #IRR-9 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 Measures Taken

- a. The tests conducted on the original 105 snubbers resulted in 12 failures. These failures resulted in an additional 122 snubbers being tested per the subject Technical Specification.
- b. The additional 122 snubbers resulted in the failure of 7 snubbers in the 1/4 and 10 category while no failures were encountered in the remaining categories/sizes. Size categories in the sampling plan were created as discussed with the USNRC site representative and all remaining 1/4 and 10 category snubbers were tested to satisfy the sampling requirement of Technical Specification 3/4.7.4.
- c. The snubbers that failed testing were either repaired or replaced. In both cases, the snubbers returned to service were successfully tested prior to their return to service.

An engineering evaluation was performed for all general population and special case snubbers which failed testing. The evaluation required NDE of weldments for five failures and two failures required inspections of threaded connections and replacement if damaged. The evaluation concluded that all supported components were still capable of meeting their intended design function and service requirements.

- d. During testing of the special case snubbers, 5 of the 20 snubbers failed. (all 1/4's) NCR 86-0292 documented the results and replacement was performed.

4. Detailed Listing

- a. Procedure utilized: AD-QA-195 Rev 01
- b. Snubbers tested: See Table I for a summary of the Category, size, number tested and number of failures. Table II lists the specific snubbers that received functional testing and Table III lists the snubbers replaced during the outage. This detailed listing can be found under Appendix C.

## F. ASME REPAIRS AND REPLACEMENTS

### 1. Introduction

This section of the Summary Report contains work performed on ASME Section XI items identified by Design Change Packages (DCP's) and Work Authorizations. (WA's) The scope of work addressed encompasses the period from the end of the Unit 1 First Refuel Outage through the completion of the Unit 1 Second Refuel Outage.

### 2. Code Compliance Summary

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

### 3. Repairs and Replacement Summary

Work in this area was controlled by two different work groups at Susquehanna and this division is reflected in sections F.3.a and F.3.b below.

#### a. Mechanical Maintenance

Work in accordance with ASME XI is performed under Work Authorizations (WA) and documented on NIS-2 forms. The NIS-2 forms are submitted under Appendix D.1 for Mechanical and Maintenance work.

#### b. Installation Engineering Group

Work in accordance with ASME XI is performed under Construction Work Orders (CWO) and documented on NIS-2 forms. The NIS-2 forms are submitted under Appendix D.2 for modifications.

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY B-A  
 ITEM NUMBER B1.21  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED) CREDIT	PROGRAM COMMENTS
AH VOL	TPHEAD CIRC 03/06/86	TPHEAD CIRC	Y	

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY B-A  
ITEM NUMBER B1.22  
SYSTEM RPV  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DJ VOL	TPHEAD MERID 03/05/86	TPHEAD MERID	Y	
DR VOL	TPHEAD MERID 03/05/86	TPHEAD MERID	Y	

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-A  
 ITEM NUMBER B1.30  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
AF VOL		SCS-VFLG 03/18/86	SCS-VFLG	Y	

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY B-A  
 ITEM NUMBER B1.40  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT COMMENTS
AG VOL		TPHEAD-FLG 03/05/86	TPHEAD-FLG	Y	
AG SUR		TPHEAD-FLG 03/05/86	TPHEAD-FLG	Y	

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY B-D  
 ITEM NUMBER B3.100  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
N1A IR VOL	NOZ-IR 03/12/86	SC1 NOZ IR	Y	
N2A IR VOL	NOZ-IR 03/16/86	SC1 NOZ IR	Y	
N2F IR VOL	NOZ-IR 03/16/86	SC1 NOZ IR	Y	
N4A IR VOL	NOZ-IR 03/29/86	SC3 NOZ IR	Y	
N4B IR VOL	NOZ-IR 03/29/86	SC3 NOZ IR	Y	
N4C IR VOL	NOZ-IR 03/29/86	SC3 NOZ IR	Y	
N4D IR VOL	NOZ-IR 03/31/86	SC3 NOZ IR	Y	
N4E IR VOL	NOZ-IR 03/30/86	SC3 NOZ IR	Y	
N4F IR VOL	NOZ-IR 03/30/86	SC3 NOZ IR	Y	

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-D  
 ITEM NUMBER B3.100  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	AN11 SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT COMMENTS
N6B IR VOL		NOZ-IR 03/15/86		TRD NOZ IR	Y

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY 8-D  
 ITEM NUMBER 83.90  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANTI SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT COMMENTS
N1A VOL	NOZ-SC1 03/16/86	NOZ-SC1	Y	
N2A VOL	NOZ-SC1 03/16/86	NOZ-SC1	Y	
N2F VOL	NOZ-SC1 03/16/86	NOZ-SC1	Y	
N4A VOL	NOZ-SC3 03/29/86	NOZ-SC3	Y	
N4B VOL	NOZ-SC3 03/29/86	NOZ-SC3	Y	
N4C VOL	NOZ-SC3 03/29/86	NOZ-SC3	Y	
N4D VOL	NOZ-SC3 03/29/86	NOZ-SC3	Y	
N4E VOL	NOZ-SC3 03/30/86	NOZ-SC3	Y	
N4F VOL	NOZ-SC3 03/30/86	NOZ-SC3	Y	

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-D  
 ITEM NUMBER B3.90  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
N6B VOL		TH-SPRAY 03/05/86	NOZ-TPHEAD	Y	

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-E  
 ITEM NUMBER B4.11  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
N13 VT-2	LEAK DET NOZ 06/23/86	LEAK DET NOZ Y	Y	ADDED TO SCOPE PER INF 86-066 - 06/23/86

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY B-E  
ITEM NUMBER B4.12  
SYSTEM RPV  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
CRD-02-23 VT-2	CRD PEN 06/23/86	CRD PEN Y	N	ADDED TO SCOPE PER INF 86-066 06/23/86
CRD-02-27 VT-2	CRD PEN 06/23/86	CRD PEN Y	N	ADDED TO SCOPE PER INF 86-066 - 06/23/86
CRD-02-31 VI-2	CRD PEN 06/23/86	CRD PEN Y	N	ADDED TO SCOPE PER INF 86-066- 06/23/86
CRD-02-35 VT-2	CRD PEN 06/23/86	CRD PEN Y	Y	ADDED TO SCOPE PER INF 86-066 - 06/23/86

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-E  
 ITEM NUMBER B4.13  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
N11A VT-2	INST NOZ 04/15/86	INST NOZ	Y	ADDED TO SCOPE PER INF 86-026

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTSCODE CATEGORY B-F  
ITEM NUMBER 85.10  
SYSTEM RPV  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
N1A NOZ-SE VOL	NOZ-SE 03/29/86	NOZ-SE WELDS	Y	
N1A NOZ-SE SUR	NOZ-SE 03/29/86	NOZ-SE WELDS	Y	
N2A NOZ-SE VOL	SE-NOZ 03/29/86	NOZ-SE WELDS	Y	
N2A NOZ-SE SUR	SE-NOZ 03/29/86	NOZ-SE WELDS	Y	
N2F NOZ-SE VOL	SE-NOZ 03/24/86	NOZ-SE WELDS	Y	
N2F NOZ-SE SUR	SE-NOZ 03/24/86	NOZ-SE WELDS	Y	
N2J NOZ-SE VOL	SE-NOZ 03/29/86	NOZ-SE WELDS	Y	
N2J NOZ-SE SUR	SE-NOZ 03/29/86	NOZ-SE WELDS	Y	
N2K NOZ-SE VOL	SE-NOZ 03/29/86	NOZ-SE WELDS	Y	

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8607280009-12

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-F  
 ITEM NUMBER B5.10  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
N2K NOZ-SE SUR	SE-NOZ 03/29/86	NOZ-SE WELDS	Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-G-2  
 ITEM NUMBER 87.50  
 SYSTEM RHR  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DCA1112-FW16-86 VT-1		FLANGE BOLTING 03/28/86	6-DCA-111 Y	ISI-DCA-111-2 N	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY 8-G-2  
 ITEM NUMBER 87.50  
 SYSTEM RR  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DCA1421-FL-1 VT-1	FLANGE BOLTING 04/01/86	R-DCA-142 Y	ISI-DCA-141-2 N	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-G-2  
 ITEM NUMBER B7.70  
 SYSTEM CS  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HV1F005B-BG2 VT-1	VALVE BOLTING 02/16/86	DCA-109-2 Y	ISI-DCA-109-2 N	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY 8-G-2  
ITEM NUMBER B7.70  
SYSTEM RHR  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
1F0608-BG2 VT-1	VALVE BOLTING 03/21/86	24-DCA-110 Y	ISI-DCA-110-2 N	
1F067-BG2 VT-1	VALVE BOLTING 03/21/86	20-DCA-108 Y	ISI-DCA-108-1 N	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-G-2  
 ITEM NUMBER 87.70  
 SYSTEM RR  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HV1F023B-BG2 VT-1		VALVE BOLTING 03/19/86	26-G001 Y	ISI-VRR-831-2 N	

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8607280009-18

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY 5-G-2  
 ITEM NUMBER 87.70  
 SYSTEM RWCU  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HV1F001-BG2 VT-1	VALVE BOLTING 03/19/86	6-DBA-101 Y	ISI-DBA-101-2 N	
HV1F004-BG2 VT-1	VALVE BOLTING 02/28/86	6-DBA-101 Y	ISI-DBA-101-2 N	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY 8-G-2  
 ITEM NUMBER B7.80  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT COMMENTS
CRD-02-31-BLT VT-1	CRD HOUSING BLT 03/18/86	NA	Y	
CRD-06-39-BLT VT-1	CRD HOUSING BLT 03/18/86	NA	Y	
CRD-10-39-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-14-31-BLT VT-1	CRD HOUSING BLT 03/18/86	NA	Y	
CRD-18-39-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-18-59-BLT VT-1	CRD HOUSING BLT 03/18/86	NA	Y	
CRD-22-03-BLT VT-1	CRD HOUSING BLT 03/18/86	NA	Y	
CRD-22-11-BLT VT-1	CRD HOUSING BLT 03/18/86	NA	Y	
CRD-22-31-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY 3-G-2  
ITEM NUMBER B7.80  
SYSTEM RPV  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT COMMENTS
CRD-26-07-BLT VT-1	CRD HOUSING BLT 03/18/86	NA	Y	
CRD-26-23-BLT VT-1	CRD HOUSING BLT 03/18/86	NA	Y	
CRD-26-27-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-26-35-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-26-59-BLT VT-1	CRD HOUSING BLT 03/18/86	NA Y	Y	
CRD-30-15-BLT VT-1	CRD HOUSING BLT 03/18/86	NA	Y	
CRD-30-39-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-30-43-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-30-51-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY B-G-2  
ITEM NUMBER 87.80  
SYSTEM RPV  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
CRD-34-03-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-34-07-BLT VT-1	CRD HOUSING BLT 03/19/86	NA	Y	
CRD-34-27-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-34-43-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-34-59-BLT VT-1	CRD HOUSING BLT 03/18/86	NA	Y	
CRD-38-11-BLT VT-1	CRD HOUSING BLT 03/19/86	NA	Y	
CRD-38-19-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-38-23-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-38-35-BLT VT-1	CRD HOUSING BLT 03/19/86	NA	Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY B-G-2  
ITEM NUMBER B7.80  
SYSTEM RPV  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED) CREDIT	PROGRAM COMMENTS
CRD-38-43-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-38-51-BLT VT-1	CRD HOUSING BLT 03/18/86	NA	Y	
CRD-38-59-BLT VT-1	CRD HOUSING BLT 03/18/86	NA	Y	
CRD-42-23-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-42-35-BLT VT-1	CRD HOUSING BLT 03/19/86	NA	Y	
CRD-42-39-BLT VT-1	CRD HOUSING BLT 03/19/86	NA	Y	
CRD-42-55-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-46-11-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-46-23-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	

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8607280009-23

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY B-G-2  
ITEM NUMBER B7.80  
SYSTEM RPV  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
CRD-46-31-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-46-39-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-46-43-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-46-47-BLT VT-1	CRD HOUSING BLT 03/19/86	NA	Y	
CRD-46-55-BLT VT-1	CRD HOUSING BLT 03/18/86	NA	Y	
CRD-50-23-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-50-39-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-50-43-BLT VT-1	CRD HOUSING BLT 03/07/86	NA	Y	
CRD-54-23-BLT VT-1	CRD HOUSING BLT 03/19/86	NA	Y	

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8607280009-24

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-G-2  
 ITEM NUMBER B7.80  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED) PROGRAM CREDIT COMMENTS
CRD-58-35-BLT VT-1	CRD HOUSING BLT 03/19/86	NA	Y	
CRD-58-39-BLT VT-1	CRD HOUSING BLT 03/19/86	NA	Y	

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8607280009-25

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY B-H  
ITEM NUMBER B8.10  
SYSTEM RPV  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
CG SUR	RPV-SUP SKIRT 03/11/86		Y	NOTE: ONLY 1/3 EXAM COMPL, OTHER 2/3 MUST BE DONE 2&3 PER.
SB-A SUR	STAB BRACK 03/11/86	N	Y	INTER TO WELD/RELIEF REQ GEN FOR RESP86-INF-86-015
SB-B SUR	STAB BRACK 03/11/86	N	Y	INTER TO WELD/RELIEF REQ GEN FOR RESP86-INF-86-015

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-J  
 ITEM NUMBER B9.11  
 SYSTEM CS  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DCA1071-2-B SUR	P-RED 03/07/86	12-DCA-107 Y	ISI-DCA-107-1 Y	
DCA1071-2-B VOL	P-RED 03/07/86	12-DCA-107 Y	ISI-DCA-107-1 Y	
DCA1092-FW-4 VOL	FH-P 03/20/86	DCA-109-2 Y	ISI-DCA-109-2 Y	IHSI
DCA1092-FW-4 SUR	FH-P 03/20/86	DCA-109-2 Y	ISI-DCA-109-2 Y	IHSI

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY B-J  
ITEM NUMBER B9.11  
SYSTEM FW  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DLA1011-FW-1 VOL	P-V 03/07/86	DLA-101-1 N	ISI-DLA-101-1 Y	LIMITED EXAM 3/7/86/HIGH STRESS WELD/REL REQ GEN-INF-86-027
DLA1011-FW-1 SUR	P-V 03/07/86	DLA-101-1 N	ISI-DLA-101-1 Y	LIMITED EXAM 3/7/86,HIGH STRESS WELD/REL REQ GEN-INF-86-027
DLA1021-FW-12 VOL	E-P 03/15/86	12-DLA-102 Y	ISI-DLA-102-1 Y	
DLA1021-FW-12 SUR	E-P 03/15/86	12-DLA-102 Y	ISI-DLA-102-1 Y	
DLA1021-FW-8 VOL	T-P 03/01/86	12-DLA-102 Y	ISI-DLA-102-1 Y	
DLA1021-FW-8 SUR	T-P 03/01/86	12-DLA-102 Y	ISI-DLA-102-1 Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY B-J  
ITEM NUMBER B9.11  
SYSTEM MS  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
VNBB211-FW-D4 SUR	E-V 03/16/86	26-G001 Y	ISI-VNB-B21-1 Y	
VNBB211-FW-D4 VOL	E-V 03/16/86	26-G001 Y	ISI-VNB-B21-1 Y	
VNBB211-11-B SUR	E-P 03/20/86	26-G001 Y	ISI-VNB-B21-1 Y	
VNBB211-11-B VOL	E-P 03/20/86	26-G001 Y	ISI-VNB-B21-1 Y	
VNBB211-20-E SUR	P-FL 04/01/86	8-G001 Y	ISI-VNB-B21-1 Y	
VNBB211-20-E VOL	P-FL 04/01/86	8-G001 Y	ISI-VNB-B21-1 Y	
VNBB212-FW-A3 SUR	P-T 03/20/86	26-G001 Y	ISI-VNB-B21-2 Y	
VNBB212-FW-A3 VOL	P-T 03/20/86	26-G001 Y	ISI-VNB-B21-2 Y	
VNBB212-FW-B6 SUR	FH-V 03/20/86	VNB-B21-2 Y	ISI-VNB-B21-2 Y	

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8607280009-29

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-J  
 ITEM NUMBER B9.11  
 SYSTEM MS  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION		LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
VN5B212-FW-B6 VOL		PH-V 03/20/86		VN5-B21-2 Y	ISI-VN5-B21-2 Y	

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8607280009-30

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY B-J  
ITEM NUMBER B9.11  
SYSTEM RCIC  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DBA1051-FW-8 SUR	FH-V 04/01/86	DBA-105-1 Y	ISI-DBA-105-1 Y	
DBA1051-FW-8 VOL	FH-V 04/01/86	DBA-105-1 Y	ISI-DBA-105-1 Y	
DBA1051-1-B SUR	E-P 03/15/86	4-DBA-105 Y	ISI-DBA-105-1 Y	
DBA1051-1-B VOL	E-P 03/15/86	4-DBA-105 Y	ISI-DBA-105-1 Y	
DBA1051-3-D SUR	E-PB 03/07/86	4-DBA-105 Y	ISI-DBA-105-1 Y	REPLACEMENT FOR RESP85 FW-4
DBA1051-3-D VOL	E-PB 03/07/86	4-DBA-105 Y	ISI-DBA-105-1 Y	REPLACEMENT FOR RESP85 FW-4

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY B-J  
ITEM NUMBER B9.11  
SYSTEM RHR  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DCA1102-FW-4 SUR	FH-P 03/24/86	DCA-110-2 Y	ISI-DCA-110-2 Y	IHSI
DCA1102-FW-4 VOL	FH-P 03/24/86	DCA-110-2 Y	ISI-DCA-110-2 Y	IHSI
DCA1102-FW-7 SUR	P-E 03/15/86	DCA-110-2 Y	ISI-DCA-110-2 Y	IHSI
DCA1102-FW-7 VOL	P-E 03/15/86	DCA-110-2 Y	ISI-DCA-110-2 Y	IHSI
DCA1111-FW-2 SUR	V-P 03/07/86	06-DCA-111 Y	ISI-DCA-111-1 Y	
DCA1111-FW-2 VOL	V-P 03/07/86	06-DCA-111 Y	ISI-DCA-111-1 Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY B-J  
ITEM NUMBER B9.11  
SYSTEM RPV  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
N4B NOZ-SE VOL	SE-NOZ 03/19/86	NOZ-SE WELDS	Y	
N4B NOZ-SE SUR	SE-NOZ 03/29/86	NOZ-SE WELDS	Y	
N4E NOZ-SE VOL	SE-NOZ 03/31/86	NOZ-SE WELDS	Y	
N4E NOZ-SE SUR	SE-NOZ 03/31/86	NOZ-SE WELDS	Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTSCODE CATEGORY 8-J  
ITEM NUMBER B9.11  
SYSTEM RR

07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
VRRB311-FW-A24 SUR	V-WOL 03/18/86	VRR-B31-1 N	ISI-VRR-B31-1 Y	IHSI WELD CONFIGURATION/NO UT/REL REQ WILL BE GEN-INF-86-021
VRRB311-FW-A24 VOL	V-WOL 03/06/86	VRR-B31-1 N	ISI-VRR-B31-1 Y	IHSI WELD CONFIGURATION/NO UT/REL REQ WILL BE GEN-INF 86-021
VRRB311-FW-A4 SUR	V-P 03/16/86	VRR-B31-1 Y	ISI-VRR-B31-1 Y	IHSI
VRRB311-FW-A4 VOL	V-P 03/16/86	VRR-B31-1 Y	ISI-VRR-B31-1 Y	IHSI
VRRB311-FW-A5 SUR	E-PU 03/28/86	VRR-B31-1 N	ISI-VRR-B31-1 Y	IHSI RELIEF REQUEST WILL BE GENERATED;PERMANENT INTERF/INF 86-043
VRRB311-FW-A5 VOL	E-PU 03/28/86	VRR-B31-1 N	ISI-VRR-B31-1 Y	IHSI RELIEF REQUEST WILL BE GENERATED;PERMANENT INTER/INF 86-043
VRRB312-FW-B6 SUR	PU-P 03/16/86	VRR-B31-2 Y	ISI-VRR-B31-2 Y	IHSI
VRRB312-FW-B6 VOL	PU-P 03/16/86	VRR-B31-2 Y	ISI-VRR-B31-2 Y	IHSI

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY B-J  
ITEM NUMBER B9.11  
SYSTEM RHC  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANIT SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DBA1011-FW-25 SUR	T-P 03/28/86	4-DBA-101 Y	ISI-DBA-101-1 Y	SUB FOR DBA1011-FW-23 IN RESP86-INF 86-024
DBA1011-FW-25 VOL	T-P 03/28/86	4-DBA-101 Y	ISI-DBA-101-1 Y	SUB FOR DBA1011-FW-23 IN RESP86-INF 86-024

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY B-J  
 ITEM NUMBER 39.12  
 SYSTEM RHA  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DCA1102-4-D SUR	ELBOW SEAM 03/15/86	24-DCA-110 Y	ISI-DCA-110-2 Y	
DCA1102-4-D VOL	ELBOW SEAM 03/15/86	24-DCA-110 Y	ISI-DCA-110-2 Y	
DCA1102-4-E SUR	ELBOW SEAM 03/15/86	24-DCA-110 Y	ISI-DCA-110-2 Y	
DCA1102-4-E VOL	ELBOW SEAM 03/15/86	24-DCA-110 Y	ISI-DCA-110-2 Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-J  
 ITEM NUMBER 89.12  
 SYSTEM RR  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANIL SIGN-OFF	RESULTS	COMPLETE EXAM PROGRAM (VS. LIMITED) CREDIT COMMENTS
VRRB311-14-P SUR	PIPE SEAM 03/28/86	VRR-B31-1 Y	ISI-VRR-B31-1 Y	
VRRB311-14-P VOL	PIPE SEAM 03/28/86	VRR-B31-1 Y	ISI-VRR-B31-1 Y	
VRRB311-14-Q SUR	ELBOW SEAM 04/01/86	VRR-B31-1 Y	ISI-VRR-B31-1 Y	
VRRB311-14-Q VOL	ELBOW SEAM 04/01/86	VRR-B31-1 Y	ISI-VRR-B31-1 Y	
VRRB311-14-R SUR	ELBOW SEAM 03/28/86	VRR-B31-1 Y	ISI-VRR-B31-1 Y	
VRRB311-14-R VOL	ELBOW SEAM 03/28/86	VRR-B31-1 Y	ISI-VRR-B31-1 Y	
VRRB312-12-J SUR	PIPE SEAM 03/24/86	VRR-B31-2 Y	ISI-VRR-B31-2 Y	
VRRB312-12-J VOL	PIPE SEAM 03/24/86	VRR-B31-2 Y	ISI-VRR-B31-2 Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY B-J  
 ITEM NUMBER 89.21  
 SYSTEM RHEU  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED) CREDIT COMMENTS
DCA1031-FW-43 SUR	I-P 03/20/86	3-DCA-103 Y	ISI-DCA-103 Y	
SPDCA1036-FW-21 SUR	E-E 03/20/86	2-DCA-103 Y	ISI-SP-DCA-103-6 Y	SOB FOR SPDCA1036-FW-19 IN RESP86/INF 86-040

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-J  
 ITEM NUMBER 9.40  
 SYSTEM SBL  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	AN11 SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED) PROGRAM CREDIT COMMENTS
SPDCA1062-FW-15 SUR	P-NO2 03/01/86	1.5-DCA-106 Y	ISI-SP-DCA-106-2 Y	
SPDCA1062-FW-24 SUR	P-T 03/01/86	1.5-DCA-106 Y	ISI-SP-DCA-106-2 N	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-K-1  
 ITEM NUMBER 10.10  
 SYSTEM RHR  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED) CREDIT COMMENTS
DCB1021-HW-1A SUR	PLT-P/H2 03/15/86	6-DCB-102 Y	ISI-DCB-102 Y	-H RELIEF REQ WILL BE GEN. DUE TO INACCESS OF HW-1D-INF 86-033
DCB1021-HW-1B SUR	PLT-P/H2 03/15/86	6-DCB-102 Y	ISI-DCB-102 Y	-H RELIEF REQ WILL BE GEN. DUE TO INACCESS OF HW-1D-INF 86-033
DCB1021-HW-1C SUR	PLT-P/H2 03/15/86	6-DCB-102 Y	ISI-DCB-102 Y	-H RELIEF REQ WILL BE GEN. DUE TO INACCESS OF HW-1D-INF 86-033
DCB1021-HW-1D SUR	PLT-P/H2 03/15/86	6-DCB-102 N	ISI-DCB-102 Y	-H RELIEF REQ WILL BE GEN./LUG INACCESS/NO SUB-INF 86-033

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-K-1  
 ITEM NUMBER B10.10  
 SYSTEM RR  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED) CREDIT COMMENTS
RWS1001-HW-A SUR	P-LUGS/HW 1 03/01/86	28-RWS-100 Y	ISI-VRR-B31-1-H Y	
RWS1001-HW-B SUR	P-LUGS/HW 1 03/01/86	28-RWS-100 Y	ISI-VRR-B31-1-H Y	
RWS1001-HW-C SUR	P-LUGS/HW 1 03/01/86	28-RWS-100 Y	ISI-VRR-B31-1-H Y	
RWS1001-HW-D SUR	P-LUGS/HW 1 03/01/86	28-RWS-100 Y	ISI-VRR-B31-1-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-N-1  
 ITEM NUMBER 813.10  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED) PROGRAM CREDIT COMMENTS
RPV INT VT-3		RPV	86	RPV INTERIOR

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY B-N-2  
 ITEM NUMBER 313.20  
 SYSTEM RPV  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION		LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
RPV INT ATT VT-1		RPV 86		RPV INT WELD		

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT-1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY C-C  
 ITEM NUMBER CS-40  
 SYSTEM CS  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	AN11 SIGN-OFF	RESULTS	COMPLETE EXAM PROGRAM (VS. LIMITED) CREDIT COMMENTS
GBB1014-HW-9A SUR	P-LUG/H12 02/16/86	GBB-101-4 Y	ISI-GBB-101-4 Y	H
GBB1014-HW-9B SUR	P-LUG/H12 02/16/86	GBB-101-4 Y	ISI-GBB-101-4 Y	H
GBB1014-HW-9C SUR	P-LUG/H12 02/16/86	GBB-101-4 Y	ISI-GBB-101-4 Y	H
GBB1014-HW-9D SUR	P-LUG/H12 02/16/86	GBB-101-4 Y	ISI-GBB-101-4 Y	H
HBB1041-HW-3A SUR	P-SUP/H09 02/18/86	HBB-104-1 Y	ISI-HBB-104-1 Y	H
HBB1041-HW-3B SUR	P-SUP/H09 02/18/86	HBB-104-1 Y	ISI-HBB-104-1 Y	H
HBB1041-HW-3C SUR	P-SUP/H09 02/18/86	HBB-104-1 Y	ISI-HBB-104-1 Y	H
HBB1041-HW-3D SUR	P-SUP/H09 02/18/86	HBB-104-1 Y	ISI-HBB-104-1 Y	H

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTSCODE CATEGORY C-C  
ITEM NUMBER C3.40  
SYSTEM FW  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED) CREDIT COMMENTS
DBB1181-HW-1A SUR	P-LUG/H2 04/01/86	24-DBB-118 Y	ISI-DBB-118 Y	1-H
DBB1181-HW-1B SUR	P-LUG/H2 04/01/86	24-DBB-118 Y	ISI-DBB-118 Y	1-H
DBB1181-HW-1C SUR	P-LUG/H2 04/01/86	24-DBB-118 Y	ISI-DBB-118 Y	1-H
DBB1181-HW-1D SUR	P-LUG/H2 04/01/86	24-DBB-118 Y	ISI-DBB-118 Y	1-H
DBB1181-HW-1E SUR	P-LUG/H2 04/01/86	24-DBB-118 Y	ISI-DBB-118 Y	1-H
DBB1181-HW-1F SUR	P-LUG/H2 04/01/86	24-DBB-118 Y	ISI-DBB-118 Y	1-H
DBB1181-HW-1G SUR	P-LUG/H2 03/01/86	24-DBB-118 Y	ISI-DBB-118 Y	1-H
DBB1181-HW-1H SUR	P-LUG/H2 04/01/86	24-DBB-118 Y	ISI-DBB-118 Y	1-H

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY C-C  
 ITEM NUMBER C3.40  
 SYSTEM HPCI  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	AN11 SIGN-OFF	RESULTS	COMPLETE EXAM PROGRAM (VS. LIMITED) CREDIT COMMENTS
DBB1141-HW-7A SUR	P-LUG/H24 02/19/86	10-DBB-114 Y	ISI-DBB-114 Y	1-H
DBB1141-HW-7B SUR	P-LUG/H24 02/19/86	10-DBB-114 Y	ISI-DBB-114 Y	1-H
DBB1141-HW-7C SUR	P-LUG/H24 02/19/86	10-DBB-114 Y	ISI-DBB-114 Y	1-H
DBB1141-HW-7D SUR	P-LUG/H24 02/19/86	10-DBB-114 Y	ISI-DBB-114 Y	1-H
DBB1141-HW-8A SUR	PLT-P/H3 02/24/86	10-DBB-114 N	ISI-DBB-114 Y	1-H RELIEF REQUEST PER INF 86-003 DUE TO INCOMPLETE EXAM 2/24/86
DBB1141-HW-8B SUR	PLT-P/H3 02/24/86	10-DBB-114 N	ISI-DBB-114 Y	1-H RELIEF REQUEST PER INF 86-003 DUE TO INCOMPLETE EXAM 2/24/86
DBB1141-HW-8C SUR	PLT-P/H3 02/24/86 PASS	10-DBB-114 N	ISI-DBB-114 Y	1-H RELIEF REQUEST PER INF 86-003 DUE TO INCOMPLETE EXAM 2/24/86
DBB1141-HW-8D SUR	PLT-P/H3 02/24/86 PASS	10-DBB-114 N	ISI-DBB-114 Y	1-H RELIEF REQUEST PER INF 86-003 DUE TO INCOMPLETE EXAM 2/24/86
EBB1021-HW-1A SUR	P-LUG/H2 1 02/18/86	14-EBB-102 Y	ISI-EBB-102 N	1-H

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY C-C  
 ITEM NUMBER C3.40  
 SYSTEM HPCI  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED) PROGRAM CREDIT COMMENTS
EBB1021-HW-1B SUR	P-LUG/H11 02/18/86	14-EBB-102 Y	ISI-EBB-102-1-H N	
EBB1021-HW-1C SUR	P-LUG/H11 02/18/86	14-EBB-102 Y	ISI-EBB-102-1-H N	
EBB1021-HW-1D SUR	P-LUG/H11 02/16/86	14-EBB-102 Y	ISI-EBB-102-1-H N	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTSCODE CATEGORY C-C  
ITEM NUMBER C3.40  
SYSTEM RCIC  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM PROGRAM (VS. LIMITED) CREDIT COMMENTS
DBB1212-HW-3A SUR	P-LUG/H21 02/19/86	6-DBB-121 Y	ISI-DBB-121-2-H N	
DBB1212-HW-3B SUR	P-LUG/H21 02/19/86	6-DBB-121 Y	ISI-DBB-121-2-H N	
DBB1212-HW-3C SUR	P-LUG/H21 02/19/86	6-DBB-121 Y	ISI-DBB-121-2-H N	
DBB1212-HW-3D SUR	P-LUG/H21 02/19/86	6-DBB-121 Y	ISI-DBB-121-2-H N	
DBB1212-HW-3E SUR	P-PLT/H21 02/19/86	6-DBB-121 Y	ISI-DBB-121-2-H N	
DBB1212-HW-3F SUR	P-PLT/H21 02/19/86	6-DBB-121 Y	ISI-DBB-121-2-H N	
DBB1212-HW-3G SUR	P-PLT/H21 02/19/86	6-DBB-121 Y	ISI-DBB-121-2-H N	
DBB1212-HW-3H SUR	P-PLT/H21 02/19/86	6-DBB-121 Y	ISI-DBB-121-2-H N	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTSCODE CATEGORY C-C  
ITEM NUMBER C3.40  
SYSTEM RHR  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	AN11 SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED) CREDIT COMMENTS
GBB1061-HW-4A SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106 Y	1-H
GBB1061-HW-4B SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106 Y	1-H
GBB1061-HW-4C SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106 Y	1-H
GBB1061-HW-4D SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106 Y	1-H
GBB1061-HW-4E SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106 Y	1-H
GBB1061-HW-4F SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106 Y	1-H
GBB1061-HW-4G SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106 Y	1-H
GBB1061-HW-4H SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106 Y	1-H
GBB1061-HW-4I SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106 Y	1-H

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY C-C  
 ITEM NUMBER C3.40  
 SYSTEM RHR  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
GBB1061-HW-4J SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106-1-H Y	
GBB1061-HW-4K SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106-1-H Y	
GBB1061-HW-4L SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106-1-H Y	
GBB1061-HW-4M SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106-1-H Y	
GBB1061-HW-4N SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106-1-H Y	
GBB1061-HW-4O SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106-1-H Y	
GBB1061-HW-4P SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106-1-H Y	
GBB1061-HW-4Q SUR	PLT-P/H7 02/21/86	24-GBB-106 Y	ISI-GBB-106-1-H Y	
GBB1061-HW-7B SUR	P-LUG/H2 2 02/21/86	20-GBB-106 Y	ISI-GBB-106-1-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTSCODE CATEGORY C-C  
ITEM NUMBER C3.40  
SYSTEM RHR  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
GBB1061-HW-7D SUR	P-LUG/H22 02/21/86	20-GBB-106 Y	ISI-GBB-106-1-H Y	
GBB1061-HW-7F SUR	P-LUG/H22 02/21/86	20-GBB-106 Y	ISI-GBB-106-1-H Y	
GBB1061-HW-7H SUR	P-LUG/H22 02/21/86	20-GBB-106 Y	ISI-GBB-106-1-H Y	
GBB1062-HW-2A SUR	P-LUG/H1 02/18/86	20-GBB-106 Y	ISI-GBB-106-2-H Y	
GBB1062-HW-2B SUR	P-LUG/H1 02/18/86	20-GBB-106 Y	ISI-GBB-106-2-H Y	
GBB1062-HW-2C SUR	P-LUG/H1 02/18/86	20-GBB-106 Y	ISI-GBB-106-2-H Y	
GBB1062-HW-2D SUR	P-LUG/H1 02/18/86	20-GBB-106 Y	ISI-GBB-106-2-H Y	
GBB1062-HW-2E SUR	PLT-P/H1 02/18/86	GBB-106-2 Y	ISI-GBB-106-2-H Y	
GBB1062-HW-2F SUR	PLT-P/H1 02/18/86	GBB-106-2 Y	ISI-GBB-106-2-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY C-C  
ITEM NUMBER 3.40  
SYSTEM RHR  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
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EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
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GBB1062-HW-2G SUR	PLT-P/H19 02/18/86	GBB-106-2 Y	ISI-GBB-106-2-H Y			
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GBB1062-HW-2H SUR	PLT-P/H19 02/18/86	GBB-106-2 Y	ISI-GBB-106-2-H Y			
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GBB1071-HW-2A SUR	P-LUG/H21 02/19/86	12-GBB-107 Y	ISI-GBB-107-1-H Y			
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GBB1071-HW-2B SUR	P-LUG/H21 02/19/86	12-GBB-107 Y	ISI-GBB-107-1-H Y			
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GBB1071-HW-2C SUR	P-LUG/H21 02/19/86	12-GBB-107 Y	ISI-GBB-107-1-H Y			
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GBB1071-HW-2D SUR	P-LUG/H21 02/19/86	12-GBB-107 Y	ISI-GBB-107-1-H Y			
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GBB1092-HW-2A SUR	P-SAD/H8 02/21/86	18-GBB-109 Y	ISI-GBB-109-2-H N			
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GBB1092-HW-4A SUR	PLT-P/H26 03/24/86	18-GBB-109 N	ISI-GBB-109-2-H N			
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CREDIT ALLOWED; HW-2B INCOMPLETE; SUB MADE-INF 86-004

SUB FOR GBB1092-HW-2B INCOMPL EXAM/INF 86-004; HW-4B, 4C ALSO

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SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY C-F  
ITEM NUMBER C5.11  
SYSTEM RCIC  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
EBB1031-4-A SUR	P-E 03/28/86	6-EBB-103 Y	ISI-EBB-103-1 Y	REPLACEMENT FOR RESP85 3-D

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY C-F  
ITEM NUMBER 5.11  
SYSTEM RHR  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
GBB1072-1-B SUR	E-P 02/16/86	12-GBB-107 Y	ISI-GBB-107-2 Y	
GBB1072-2-E SUR	E-P 02/16/86	12-GBB-107 Y	ISI-GBB-107-2 Y	
GBB1081-FW-2 SUR	P-FL 02/18/86	6-GBB-108 Y	ISI-GBB-108-1 Y	
GBB1091-FW-13 SUR	P-T 02/16/86	18-GBB-109 Y	ISI-GBB-109-1 Y	
GBB1091-FW-2 SUR	V-FH 02/16/86	18-GBB-109 Y	ISI-GBB-109-1 Y	
GBB1092-2-C SUR	P-E 02/18/86	18-GBB-109 Y	ISI-GBB-109-2 Y	
GBB1092-4A-E SUR	SWOL-P 02/18/86	6-GBB-109 Y	ISI-GBB-109-2 Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY C-F  
ITEM NUMBER 5.21  
SYSTEM HPCT  
07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION		LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DBB1141-1-E VOL		P-E 03/20/86		10-DBB-114 Y	ISI-DBB-114 Y	
DBB1141-1-E SUR		P-E 03/20/86		10-DBB-114 Y	ISI-DBB-114 Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY C-F  
 ITEM NUMBER C5.21  
 SYSTEM MS  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED) PROGRAM CREDIT COMMENTS
DBB1031-9-A VOL	P-RED 03/16/86	24-DBB-103 Y	ISI-DBB-103-1 Y	
DBB1031-9-A SUR	P-RED 03/16/86	24-DBB-103 Y	ISI-DBB-103-1 Y	
DBB1041-10-D VOL	E-P 03/15/86	8-DBB-104 Y	ISI-DBB-104-1 Y	
DBB1041-10-D SUR	E-P 03/15/86	8-DBB-104 Y	ISI-DBB-104-1 Y	
DBB1041-2-A VOL	P-E 03/28/86	24-DBB-104 Y	ISI-DBB-104-1 Y	
DBB1041-2-A SUR	P-E 03/28/86	24-DBB-104 Y	ISI-DBB-104-1 Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY C-F  
 ITEM NUMBER C5.21  
 SYSTEM RHR  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DBB1151-7-C VOL	T-P 03/20/86	8-DBB-115 Y	ISI-DBB-115-1 Y	
DBB1151-7-C SUR	T-P 03/20/86	8-DBB-115 Y	ISI-DBB-115-1 Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY C-F\*  
 ITEM NUMBER C5.11  
 SYSTEM CS  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED) PROGRAM CREDIT COMMENTS
GBB1013-3A-B SUR	P-P 02/21/86	12-GBB-101 Y	ISI-GBB-101-3 Y	
HBB1041-FW-3 SUR	T-P 02/18/86	HBB-104-1 Y	ISI-HBB-104-1 Y	
HBB1041-FW-6 SUR	PEN-V 02/18/86	16-HBB-104 Y	ISI-HBB-104-1 Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY C-Fx  
 ITEM NUMBER C5.21  
 SYSTEM HPCI  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT COMMENTS
DBB1201-3-D VOL		P-E 02/21/86	Y	14-DBB-120	ISI-DBB-120-1 N
DBB1201-3-D SUR		P-E 02/21/86	Y	14-DBB-120	ISI-DBB-120-1 N

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY C-6  
 ITEM NUMBER C6-10  
 SYSTEM CS  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED) PROGRAM CREDIT COMMENTS
1P206A-361-3-13 SUR	FL-P 02/18/86	1P-206A Y	WELD ID CS PUMPS Y	
1P206A-361-4-6 SUR	E-FL 02/18/86	1P-206A Y	WELD ID CS PUMPS N	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY C-  
 ITEM NUMBER 06.0  
 SYSTEM RHR  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION		LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
1P202A-361-5-6 SUR		E-SH 02/18/86		1P-202A Y	Y	
1P202A-361-5-8 SUR		PLT-SH 03/20/86		1P-202A Y	Y	CNF GENERATED - CNF 1-86-003

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY D-8  
ITEM NUMBER D2.20  
SYSTEM ESW  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HRC1061-H16-IA VT-3	LUG/H16-4 03/15/86	HRC-106-1 Y	ISI-HRC-106-1-H Y	
HRC1091-H4 IA VT-3	PLT/H4-2 03/15/86	HRC-109-1 Y	ISI-HRC-109-1-H Y	
HRC2051-H28IA VT-3	H28/7 INT ATT 02/23/86	HRC-205-1 Y	ISI-HRC-205-1-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY D-B  
 ITEM NUMBER D2.20  
 SYSTEM RHRSW  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HRC0165-H2-1A VT-3	PLT/H2-2 02/24/86	26-HRC-016 Y	ISI-HRC-16-5-H Y	
HRC1122-H0141A VT-3	H14/4 INT ATT 03/05/86	20-HRC-112 Y	ISI-HRC-112-2-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY D-B  
ITEM NUMBER D2.40  
SYSTEM MS  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
GBC10102-H061IA VT-3	H61/8 INT ATT 03/21/86	12-GBC-101 Y	ISI-GBC-101-2-H Y	
GBC10114-H052IA VT-3	H52/4 INT ATT 03/07/86	12-GBC-101 Y	ISI-GBC-101-14-H Y	
GBC10115-H080IA VT-3	H80/4 INT ATT 03/07/86	12-GBC-101 Y	ISI-GBC-101-15-H Y	
GBC10116-H058IA VT-3	H58/4 INT ATT 03/24/86	12-GBC-101 Y	ISI-GBC-101-16-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY D-8  
ITEM NUMBER D2.40  
SYSTEM RHRSH  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HRC1122-H0091A VT-3	H9/4 INT ATT 02/18/86	20-HRC-112 Y	ISI-HRC-112-2-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY D-C  
ITEM NUMBER D3.20  
SYSTEM FPC  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
H8B1112-H9-IA VT-3	PLT/H9-1 02/16/86	H8B-111-2 Y	ISI H8B-111-2-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY D-C  
ITEM NUMBER D3.40  
SYSTEM FPC  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
GBC1051-H3-1A VT-3	LUGS/H3-4 02/16/86	GBC-105-1 Y	ISI-GBC-105-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY F-PMP  
ITEM NUMBER F-RCP  
SYSTEM RR  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANTI SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
RWS1001-H46 VT-3	SNUBMECH 03/16/86	28-G001 Y	ISI-VRR-B31-1-H Y	
RWS1001-H46 VT-4	SNUBMECH 03/16/86	28-G001 Y	ISI-VRR-B31-1-H Y	
RWS1001-H47 VT-3	SNUBMECH 03/16/86	28-G001 Y	ISI-VRR-B31-1-H Y	
RWS1001-H47 VT-4	SNUBMECH 03/16/86	28-G001 Y	ISI-VRR-B31-1-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY F-PMP  
ITEM NUMBER F-RIP  
SYSTEM RCIC  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
IP-203 VT-3	ANCHOR BOLTS 02/28/86	8-H85-103 Y	ISI-H85-103-1 Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY NCHOR  
 ITEM NUMBER F-ANCH  
 SYSTEM CS  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION		LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANTI SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
GBB1014-H35 VT-3		ANCHOR 02/16/86		14-GBB-101 Y	ISI-GBS-101-4-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY NCHOR  
 ITEM NUMBER F-ANCH  
 SYSTEM ESW  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANCHOR SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HRC0131-H13 VT-3	ANCHOR 03/07/86	8-HRC-13 Y	ISI-HRC-13-1-H Y	
HRC1061-H16 VT-3	ANCHOR 03/15/86	8-HRC-106 Y	ISI-HRC-106-1-H Y	
HRC1091-H04 VI-3	ANCHOR 03/19/86	10-HRC-109 Y	ISI-HRC-109-1-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT-1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY NCHOR  
 ITEM NUMBER F-ANCH  
 SYSTEM FPC  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
H881112-H9 VT-3	ANCHOR 02/16/86	H88-111-2 Y	ISI-H88-111-2-H Y	

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8607280009-73

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY NCHOR  
 ITEM NUMBER F-ANCH  
 SYSTEM HPCI  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED) CREDIT COMMENTS
DBA1021-H-X11 VT-3	ANCHOR 03/24/86	10-DBA-102 Y	ISI-DBA-102-1-H Y	WELD REPLACEMENT FOR HBB1091-H-X209 IN RESP86-INF 86-007

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY NCHOR  
 ITEM NUMBER F-ANCH  
 SYSTEM MS  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION		LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
VNB8211-H-X7C VT-3		FH-PEN 03/18/86		26-G001 Y	ISI-VNB-821-1-H Y	
VNB8211-H-X7D VT-3		FH-PEN 03/18/86		VNB-821-1 Y	ISI-VNB-821-2-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY NCHOR  
 ITEM NUMBER F-ANCH  
 SYSTEM RCIC  
 07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
H881012-H9 VT-3	ANCHOR 02/21/86	10-H88-101 Y	ISI-H88-101-2-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY NCHOR  
ITEM NUMBER F-ANCH  
SYSTEM RHR  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANCHOR SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
GBB1121-H-X226A VT-3	ANCHOR 03/02/86	6-GBB-112 Y	ISI-GBB-112-1-H Y	THIS WELD REPLACES HBB1103-H-X203C FOR RESP86-INF 86-007
HBB1203-H25 VT-3	ANCHOR 02/18/86	10-HBB-120 Y	ISI-HBB-120-3-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY NCHOR  
 ITEM NUMBER F-ANCH  
 SYSTEM RHRSW  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION		LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HRC1141-H5 VT-3		ANCHOR 03/18/86		20-HRC-114 Y	ISI-HRC-114-1-H Y	REPLACEMENT FOR HRC0165-H02 IN RESP86-INF 86-009

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY RIGID  
 ITEM NUMBER F-RIGD  
 SYSTEM CS  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION		LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HBB1041-H24 VT-3		RIG SUP 02/18/86		16-HBB-104 Y	ISI-HBB-104-1-H Y	
HBB1042-H38 VT-3		SWAY ST 02/16/86		16-HBB-104 Y	ISI-HBB-104-2-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY RIGID  
ITEM NUMBER F-RIGD  
SYSTEM ESW  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HRC1021-H06 VT-3	SWAY ST 03/15/86	12-HRC-102 Y	ISI-HRC-102-1-H Y	
HRC1023-H19 VT-3	GUIDE 03/15/86	8-HRC-102 Y	ISI-HRC-102-3-H Y	
HRC1051-H08 VT-3	SWAY ST 02/28/86	12-HRC-105 Y	ISI-HRC-105-1-H Y	
HRC1051-H12 VT-3	RIG HANG 03/02/86	14-HRC-105 Y	ISI-HRC-105-1-H Y	REPLACEMENT FOR HRC1051-H14-INF 86-009
HRC1061-H23 VT-3	SWAY ST 03/15/86	12-HRC-106 Y	ISI-HRC-106-1-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY RIGID  
ITEM NUMBER F-RIGD  
SYSTEM FPC  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HBC1171-H12 VT-3	SWAY ST 02/16/86	HBC-117-1 Y	ISI-HBC-117-1-H Y	
HCC1032-H22 VT-3	SWAY ST 02/16/86	HCC-103-2 Y	ISI-HCC-103-2-H Y	
HCC1041-H02 VT-3	RIG SUP 02/16/86	HCC-104-1 Y	ISI-HCC-104-1-H Y	
HCC1061-H11 VT-3	RIG SUP 02/16/86	HCC-106-1 Y	ISI-HCC-106-1-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY RIGID  
ITEM NUMBER F-RIGD  
SYSTEM HPCI  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT COMMENTS	
HBB1082-H5 VT-3	SWAY ST 02/19/86	20-HBB-108	ISI-HBB-108-2-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY RIGID  
ITEM NUMBER F-RIGD  
SYSTEM MS  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
GBC10114-H224 VT-3	SWAY ST 03/07/86	12-GBC-101 Y	ISI-GBC-101-14-H Y	
GBC10116-H205 VT-3	SWAY ST 03/05/86	12-GBC-101 Y	ISI-GBC-101-16-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY RIGID  
ITEM NUMBER F-RIGD  
SYSTEM RCIC  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
D861212-H17 VT-3	SWAY ST 02/19/86	6-D86-121 Y	ISI-D86-121-2-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY RIGID  
ITEM NUMBER F-RIGD  
SYSTEM RHR  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DBB1151-H15 VT-3	SWAY ST 02/28/86	10-DBB-115 Y	ISI-DBB-115-1-H Y	
GBB1122-H15 VT-3	SWAY ST 02/16/86	6-GBB-112 Y	ISI-GBB-112-2-H Y	
HB61203-H13 VT-3	SWAY ST 02/18/86	10-HBB-120 Y	ISI-HBB-120-3-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY RIGID  
ITEM NUMBER F-RIGD  
SYSTEM RWCU  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DCA1031-H8 VT-3	SWAY ST 03/21/86	4-DCA-103 Y	ISI-DCA-103-1-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY RIGID  
ITEM NUMBER F-RIGD  
SYSTEM SBLC  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANTI SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT COMMENTS	
SPDCA1063-H23 VT-3	GUIDE 02/28/86	1.5-DCA-106 Y	ISI-SP-DCA-106-3-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTSCODE CATEGORY SNUB  
ITEM NUMBER F-VT34  
SYSTEM CS  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HBB1041-H11 VT-3	SNUBMECH 03/19/86	16-HBB-104 Y	ISI-HBB-104-1-H Y	
HBB1041-H11 VT-4	SNUBMECH 03/19/86	16-HBB-104 Y	ISI-HBB-104-1-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY SNUB  
ITEM NUMBER F-VT34  
SYSTEM FPC  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HCC1061-H10 VT-3	SNUB MECH 02/21/86	HCC-106-1 Y	ISI-HCC-106-1-H Y	
HCC1061-H10 VT-4	SNUB MECH 02/21/86	HCC-106-1 Y	ISI-HCC-106-1-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY SNUB  
ITEM NUMBER F-VT34  
SYSTEM FW  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DLA1031-H3 VT-3	SNUBMECH 02/28/86	24-DLA-103 Y	ISI-DLA-103-1-H Y	
DLA1031-H3 VT-4	SNUBMECH 02/28/86	24-DLA-103 Y	ISI-DLA-103-1-H Y	
DLA1031-H4 VI-3	SNUBMECH 02/28/86	24-DLA-103 Y	ISI-DLA-103-1-H Y	
DLA1031-H4 VT-4	SNUBMECH 02/28/86	24-DLA-103 Y	ISI-DLA-103-1-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY SNUB  
ITEM NUMBER F-VT34  
SYSTEM HPCI  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANTI SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DBB1202-H21 VT-3	SNUBMECH 03/28/86	14-DBB-120 Y	ISI-DBB-120-2-H Y	
DBB1202-H21 VT-4	SNUBMECH 03/28/86	14-DBB-120 Y	ISI-DBB-120-2-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY SNUB  
ITEM NUMBER F-VT34  
SYSTEM MS  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DBB1011-H3 VT-3	SNUBMECH 03/28/86	24-DBB-101 Y	ISI-DBB-101-1-H Y	
DBB1011-H3 VT-4	SNUBMECH 03/28/86	24-DBB-101 Y	ISI-DBB-101-1-H Y	
DBB1021-H4 VT-3	SNUBMECH 03/28/86	24-DBB-102 Y	ISI-DBB-102-1-H Y	
DBB1021-H4 VT-4	SNUBMECH 03/28/86	24-DBB-102 Y	ISI-DBB-102-1-H Y	
DBB1031-H10 VT-3	SNUBMECH 03/05/86	24-DBB-103 Y	ISI-DBB-103-1-H Y	
DBB1031-H10 VT-4	SNUBMECH 03/05/86	24-DBB-103 Y	ISI-DBB-103-1-H Y	
GBC10102-H125 VT-3	SNUBMECH 03/28/86	12-GBC-101 Y	ISI-GBC-101-2-H Y	
GBC10102-H125 VT-4	SNUBMECH 03/28/86	12-GBC-101 Y	ISI-GBC-101-2-H Y	
GBC10103-H264 VT-3	SNUBMECH 03/19/86	12-GBC-101 Y	ISI-GBC-101-3-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY SNUB  
ITEM NUMBER F-VT34  
SYSTEM MS  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANTI SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
GBC10103-H264 VT-4	SNUBMECH 03/19/86	12-GBC-101 Y	ISI-GBC-101-3-H Y	
GBC10115-H117 VT-3	SNUBMECH 03/07/86	12-GBC-101 Y	ISI-GBC-101-15-H Y	
GBC10115-H117 VT-4	SNUBMECH 03/07/86	12-GBC-101 Y	ISI-GBC-101-15-H Y	
MST0221-H18 VT-3	SNUBMECH 03/05/86	26-G001 Y	ISI-VNB-821-1-H Y	
MST0221-H18 VT-4	SNUBMECH 03/05/86	26-G001 Y	ISI-VNB-821-1-H Y	
MST0222-H31 VT-3	SNUBMECH 03/28/86	26-G001 Y	ISI-VNB-821-2-H Y	
MST0222-H31 VT-4	SNUBMECH 03/28/86	26-G001 Y	ISI-VNB-821-2-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTSCODE CATEGORY SNUB  
ITEM NUMBER F-VT34  
SYSTEM RHR

07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DCA1112-H16 VT-3	SNUBMECH 03/19/86	6-DCA-111 Y	ISI-DCA-111-2-H Y	
DCA1112-H16 VT-4	SNUBMECH 03/19/86	6-DCA-111 Y	ISI-DCA-111-2-H Y	
GBB1072-H12 VT-3	SNUBMECH 03/21/86	12-GBB-107 Y	ISI-GBB-107-2-H Y	
GBB1072-H12 VT-4	SNUBMECH 03/21/86	12-GBB-107 Y	ISI-GBB-107-2-H Y	
GBB1091-H33 VT-3	SNUBMECH 02/24/86	18-GBB-109 Y	ISI-GBB-109-1-H Y	
GBB1091-H33 VT-4	SNUBMECH 02/24/86	18-GBB-109 Y	ISI-GBB-109-1-H Y	
GBB1151-H3 VT-3	SNUBMECH 02/21/86	24-GBB-115 Y	ISI-GBB-115-1-H Y	
GBB1151-H3 VT-4	SNUBMECH 02/21/86	24-GBB-115 Y	ISI-GBB-115-1-H Y	
HBB1101-H38 VT-3	SNUBMECH 02/21/86	24-HBB-110 Y	ISI-HBB-110-1-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY SNUB  
ITEM NUMBER F-VT34  
SYSTEM RHR  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HBB1101-H38 VT-4	SNUBMECH 02/21/86	24-HBB-110 Y	ISI-HBB-110-1-H Y	
HBB1103-H33 VT-3	SNUBMECH 02/21/86	24-HBB-110 Y	ISI-HBB-110-3-H Y	
HBB1103-H33 VT-4	SNUBMECH 02/21/86	24-HBB-110 Y	ISI-HBB-110-3-H Y	
HBB1112-H31 VT-3	SNUBMECH 02/21/86	24-HBB-111 Y	ISI-HBB-111-2-H Y	
HBB1112-H31 VT-4	SNUBMECH 02/21/86	24-HBB-111 Y	ISI-HBB-111-2-H Y	

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AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY: SNUB  
ITEM NUMBER F-VT34  
SYSTEM RR  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
RWS1002-H28 VT-3	SNUBMECH 03/19/86	28-G001 Y	ISI-VRR-B31-2-H Y	
RWS1002-H28 VT-4	SNUBMECH 03/19/86	28-G001 Y	ISI-VRR-B31-2-H Y	
RWS1002-H37 VT-3	SNUBMECH 03/18/86	28-G001 Y	ISI-VRR-B31-2-H Y	
RWS1002-H37 VT-4	SNUBMECH 03/18/86	28-G001 Y	ISI-VRR-B31-2-H Y	

TI  
APERTURE  
CARD

Also Available On  
Aperture Card

8607280009-96

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY SNUB  
ITEM NUMBER F-VT34  
SYSTEM RWCU  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
SPDCA1021-H2000 VT-3	SNUBMECH 04/09/86	4-DCA-102 Y	ISI-SP-DCA-102-1-H Y	
SPDCA1021-H2000 VT-4	SNUBMECH 04/09/86	4-DCA-102 Y	ISI-SP-DCA-102-1-H Y	

TI  
APERTURE  
CARD

Also Available On  
Aperture Card

8607280009-97

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTSCODE CATEGORY SPRNG  
ITEM NUMBER F-SPR  
SYSTEM CS  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DCA1091-H1 VT-3	VAR SUP 03/07/86	12-DCA-109 Y	ISI-DCA-109-1-H Y	
DCA1091-H1 VT-4	VAR SUP 03/07/86	12-DCA-109 Y	ISI-DCA-109-1-H Y	
HBB1042-H3 VT-3	VAR SUP 02/19/86	16-HBB-104 Y	ISI-HBB-104-2-H Y	
HBB1042-H3 VT-4	VAR SUP 02/19/86	16-HBB-104 Y	ISI-HBB-104-2-H Y	

TI  
APERTURE  
CARDAlso Available On  
Aperture Card

8607280009-98

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY SPRNG  
ITEM NUMBER F-SPR  
SYSTEM ESW  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANTI SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HRC0221-H19 VT-3	VAR SUP 03/21/86	6-HRC-022 Y	ISI-HRC-22-1-H Y	
HRC0221-H19 VT-4	VAR SUP 03/21/86	6-HRC-022 Y	ISI-HRC-22-1-H Y	

TI  
APERTURE  
CARD

Also Available On  
Aperture Card

8607280009-99

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTSCODE CATEGORY SPRNG  
ITEM NUMBER F-SPR  
SYSTEM FPC  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT COMMENTS	
GBC1051-H03 VT-3	VAR SUP 02/18/86	GBC-105-1 Y	ISI-GBC-105-1-H Y	
GBC1051-H03 VT-4	VAR SUP 02/18/86	GBC-105-1 Y	ISI-GBC-105-1-H Y	
HBB1112-H07 VT-3	VAR SUP 03/21/86	HBB-111-2 Y	ISI-HBB-111-2-H Y	
HBB1112-H07 VT-4	VAR SUP 03/21/86	HBB-111-2 Y	ISI-HBB-111-2-H Y	
HCC1032-H20 VT-3	VAR SUP 02/19/86	HCC-103-2 Y	ISI-HCC-103-2-H Y	
HCC1032-H20 VT-4	VAR SUP 02/19/86	HCC-103-2 Y	ISI-HCC-103-2-H Y	

TI  
APERTURE  
CARDAlso Available On  
Aperture Card

8607280009-100

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY SPRNG  
ITEM NUMBER F-SPR  
SYSTEM HPCI  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANTI SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
HBB1081-H01 VT-3	SPRST 03/19/86	20-HBB-108	ISI-HBB-108-1-H Y	
HBB1081-H01 VT-4	SPRST 03/19/86	20-HBB-108	ISI-HBB-108-1-H Y	

TY  
APERTURE  
CARD

Also Available On  
Aperture Card

8607280009-101

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTSCODE CATEGORY SPRNG  
ITEM NUMBER F-SPR  
SYSTEM MS

07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	AN11 SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
GBC10113-H325 VT-3	VAR SUP 03/16/86	12-GBC-101 Y	ISI-GBC-101-13-H Y	
GBC10113-H325 VT-4	VAR SUP 03/16/86	12-GBC-101 Y	ISI-GBC-101-13-H Y	
GBC10114-H52 VT-3	SPRST 03/16/86	12-GBC-101 Y	ISI-GBC-101-14-H Y	
GBC10114-H52 VT-4	SPRST 03/16/86	12-GBC-101 Y	ISI-GBC-101-14-H Y	
GBC10115-H80 VT-3	VAR SUP 04/09/86	12-GBC-101 Y	ISI-GBC-101-15-H Y	
GBC10115-H80 VT-4	VAR SUP 04/09/86	12-GBC-101 Y	ISI-GBC-101-15-H Y	
GBC10116-H58 VT-3	VAR SUP 03/16/86	12-GBC-101 Y	ISI-GBC-101-16-H Y	
GBC10116-H58 VT-4	VAR SUP 03/16/86	12-GBC-101 Y	ISI-GBC-101-16-H Y	
MST0221-H55 VT-3	SPRST 03/18/86	26-G001 Y	ISI-VNB-B21-1-H Y	

TY  
APERTURE  
CARDAlso Available On  
Aperture Card

8607280009-102

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY SPRNG  
ITEM NUMBER F-SPR  
SYSTEM MS  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
MST0221-H55 VT-4	SPRST 03/18/86	26-G001 Y	ISI-VNB-B21-1-H Y	
MST0222-H51 VT-3	SPRST 03/16/86	26-G001 Y	ISI-VNB-B21-2-H Y	
MST0222-H51 VT-4	SPRST 03/16/86	26-G001 Y	ISI-VNB-B21-2-H Y	

TI  
APERTURE  
CARD

Also Available On  
Aperture Card

8607280009-103

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY SPRNG  
ITEM NUMBER F-SPR  
SYSTEM RHR  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DCA1112-H4 VT-3	SPRST 03/19/86	6-DCA-111 Y	ISI-DCA-111-2-H Y	
DCA1112-H4 VT-4	SPRST 03/19/86	6-DCA-111 Y	ISI-DCA-111-2-H Y	
GBB1062-H12 VT-3	VAR SUP 02/21/86	24-GBB-106 Y	ISI-GBB-106-2-H Y	
GBB1062-H12 VT-4	VAR SUP 02/21/86	24-GBB-106 Y	ISI-GBB-106-2-H Y	
GBB1091-H15 VT-3	SPRST 02/16/86	18-GBB-109 Y	ISI-GBB-109-1-H Y	
GBB1091-H15 VT-4	SPRST 02/16/86	18-GBB-109 Y	ISI-GBB-109-1-H Y	
GBB1092-H7 VT-3	VAR SUP 02/18/86	18-GBB-109 Y	ISI-GBB-109-2-H Y	
GBB1092-H7 VT-4	VAR SUP 02/18/86	18-GBB-109 Y	ISI-GBB-109-2-H Y	
GBB1161-H8 VT-3	VAR SUP 02/18/86	20-GBB-116 Y	ISI-GBB-116-1-H Y	

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

TI  
APERTURE  
CARD

Also Available On  
Aperture Card

8607280009-104

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY SPRNG  
ITEM NUMBER F-SPR  
SYSTEM RHR  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANTI SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
GBB1161-H8 VT-4	VAR SUP 02/18/86	20-GBB-116 Y	ISI-GBB-116-1-H Y	
HBB1101-H4 VT-3	VAR SUP 02/18/86	24-HBB-110 Y	ISI-HBB-110-1-H Y	
HBB1101-H4 VT-4	VAR SUP 02/18/86	24-HBB-110 Y	ISI-HBB-110-1-H Y	
HBB1102-H25 VT-3	SPRST 02/21/86	24-HBB-110 Y	ISI-HBB-110-2-H Y	
HBB1102-H25 VT-4	SPRST 02/21/86	24-HBB-110 Y	ISI-HBB-110-2-H Y	
HBB1104-H13 VT-3	VAR SUP 02/21/86	24-HBB-110 Y	ISI-HBB-110-4-H Y	
HBB1104-H13 VT-4	VAR SUP 02/21/86	24-HBB-110 Y	ISI-HBB-110-4-H Y	

TI  
APERTURE  
CARD

Also Available On  
Aperture Card

8607280009-105

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS

CODE CATEGORY SPRNG  
ITEM NUMBER F-SPR  
SYSTEM RR  
07/22/86

COMPONENT IDENTIFICATION -----	COMPONENT DESCRIPTION -----	LINE NUMBER -----	ISI ISOMETRIC -----	COUNTERMEASURES -----
EXAM SUMMARY TYPE SHEET NO. -----	ANII SIGN-OFF RESULTS -----	COMPLETE EXAM (VS. LIMITED) -----	PROGRAM CREDIT COMMENTS -----	
RWS1002-HB1 VT-3	VAR SUP 03/16/86	28-G001 Y	ISI-VRR-831-2-H Y	
RWS1002-HB1 VT-4	VAR SUP 03/16/86	28-G001 Y	ISI-VRR-831-2-H Y	

TI  
APERTURE  
CARD

Also Available On  
Aperture Card

8607280009-106

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM



SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
 1986 SECOND REFUELING OUTAGE  
 OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
 CODE CATEGORY SPRNG  
 ITEM NUMBER F-SPR  
 SYSTEM RWCU  
 07/22/86

COMPONENT IDENTIFICATION		COMPONENT DESCRIPTION		LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM TYPE	SUMMARY SHEET NO.	ANII SIGN-OFF	RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
DCA1021-H8 VT-3		SPRST 03/07/86		4-DCA-102 Y	ISI-DCA-102-1-H Y	
DCA1021-H8 VT-4		SPRST 03/07/86		4-DCA-102 Y	ISI-DCA-102-1-H Y	

TI  
 APERTURE  
 CARD

Also Available On  
 Aperture Card

8607280009-107

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1  
1986 SECOND REFUELING OUTAGE  
OUTAGE SUMMARY REPORT FOR PIPING AND COMPONENTS  
CODE CATEGORY SPRNG  
ITEM NUMBER F-SPR  
SYSTEM SBLC  
07/22/86

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION	LINE NUMBER	ISI ISOMETRIC	COUNTERMEASURES
EXAM SUMMARY TYPE SHEET NO.	ANII SIGN-OFF RESULTS	COMPLETE EXAM (VS. LIMITED)	PROGRAM CREDIT	COMMENTS
SPDCA1063-H14 VT-3	VAR SUP 02/28/86	1.5-DCA-106 Y	ISI-SP-DCA-106-3-H Y	
SPDCA1063-H14 VT-4	VAR SUP 02/28/86	1.5-DCA-106 Y	ISI-SP-DCA-106-3-H Y	

TI  
APERTURE  
CARD

Also Available On  
Aperture Card

8607280009-108

AN 'A' IN THE SUMMARY REPORT NUMBER DENOTES A REEXAM

CODE COMPLIANCE REPORT  
UNIT 1 FIRST AND SECOND REFUELING OUTAGES  
07/09/86

BASED ON REV. 2 OF UNIT 1 SECOND RFO EXAM PLAN AND REV. 5/6 OF 10-YEAR PLAN

CDECAT	ITEM	DO WHEN DISASS.	EOI EXAMS	1P EXAMS	2P EXAMS	3P EXAMS	CATC INTER DISTR	CATB INTER DISTR	AUG3A EXAM W/I 2 RFOS	AUG3B EXAM W/I 4 RFOS	AUG3C EXAM W/I 9 RFOS	AUG4 EXAM AT NEXT RFO	INTV DISTRIB	CONSULT ISI-T-108	1ST INT TOTAL	1P SCHED	1ST RFO EXAMD	2ND RFO SCHED	2ND RFO EXAMD
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AUG1	AUG1	0	185	0	0	0	0	0	0	0	0	0	0	0	185	32	1	31	31
AUG2	AUG2	0	0	0	0	0	21	56	0	0	0	0	0	0	77	24	81	24	24
AUG3	AUG3	0	0	0	0	0	0	0	18	6	12	0	0	0	36	18	0	18	18
AUG4	AUG4	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3	0	3	3
B-A	B1.11	0	10	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0
	B1.12	0	13	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0
	B1.21	0	1	0	0	0	0	0	0	0	0	0	1	0	2	1	0	1	1
	B1.22	0	8	0	0	0	0	0	0	0	0	0	6	0	14	2	0	2	2
	B1.30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	B1.40	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	0	2	2
B-D	B3.100	0	0	0	0	0	0	0	0	0	0	0	0	30	30	10	0	10	10
	B3.90	0	0	0	0	0	0	0	0	0	0	0	0	30	30	10	0	10	10
B-E	B4.11	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1
	B4.12	0	0	0	0	0	0	0	0	0	0	0	47	0	47	15	15	4	4
	B4.13	0	0	0	0	0	0	0	0	0	0	0	17	0	17	6	5	1	1
B-F	B5.10	0	0	0	0	0	0	0	0	0	0	0	0	34	34	10	0	10	10
	B5.50	0	0	0	0	0	0	0	0	0	0	0	10	4	14	2	0	0	0
	B5.51	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
B-G-1	B6.10	0	76	0	0	0	0	0	0	0	0	0	0	0	76	0	0	0	0
	B6.180	0	16	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0
	B6.190	32	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0
	B6.20	0	76	0	0	0	0	0	0	0	0	0	0	0	76	0	0	0	0
	B6.200	0	16	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0
	B6.30	152	0	0	0	0	0	0	0	0	0	0	0	0	152	0	0	0	0
	B6.40	76	0	0	0	0	0	0	0	0	0	0	0	0	76	0	0	0	0
	B6.50	0	76	0	0	0	0	0	0	0	0	0	0	0	76	0	0	0	0
B-G-2	B7.50	0	0	0	0	0	0	0	0	0	0	0	25	0	25	11	9	2	2
	B7.70	0	0	0	0	0	0	0	0	0	0	0	64	0	64	34	28	6	6
	B7.80	185	0	0	0	0	0	0	0	0	0	0	0	0	185	71	24	47	47
B-H	B8.10	0	0	0	0	0	0	0	0	0	0	0	9	0	9	3	0	3	3
B-I	B9.11	0	0	0	0	0	0	0	0	0	0	0	290	0	290	100	68	46	46
	B9.12	0	0	0	0	0	0	0	0	0	0	0	122	0	122	24	12	12	12

1. DOES NOT REFLECT SYSTEM PRESSURE TESTS - CODE CATS B-P, C-H, OR D-B  
ITEM NO. 02.10

2. A SCOPE REDUCTION IN THE AUG2 CCAT WILL STILL REFLECT THE 1ST RFO TOTAL  
EXAMS PERFORMED REGARDLESS OF NEW INTERVAL REQUIREMENTS AND 2ND RFO SCHED

3. 2ND RFO SCHEDULED AMOUNT FOR AUG2 WILL NOT REFLECT EXACTLY 1/3 OF  
INTERVAL TOTAL AS IT SHOULD, DUE TO RELIEF RECEIVED

CODE COMPLIANCE REPORT  
UNIT 1 FIRST AND SECOND REFUELING OUTAGES  
07/09/86

BASED ON REV. 2 OF UNIT 1 SECOND RFO EXAM PLAN AND REV. 5/6 OF 10-YEAR PLAN

CODECAT	ITEM	DO WHEN DISASS.	EOI EXAMS	1P EXAMS	2P EXAMS	3P EXAMS	CATC INTER DISTR	CATB INTER DISTR	AUG3A EXAM W/I 2 RFOs	AUG3B EXAM W/I 4 RFOs	AUG3C EXAM W/I 9 RFOs	AUG4 EXAM AT NEXT RFO	INTV DISTRIB	CONSULT ISI-T-108	1ST INT TOTAL	1P SCHED	1ST RFO EXAM	2ND RFO SCHED	2ND RFO EXAM
B-J	B9.21	0	0	0	0	0	0	0	0	0	0	0	7	0	7	2	0	2	2
	B9.31	0	0	0	0	0	0	0	0	0	0	0	18	0	18	4	2	2	2
	B9.40	0	0	0	0	0	0	0	0	0	0	0	13	0	13	5	3	2	2
B-K-1	B10.10	0	0	0	0	0	0	0	0	0	0	0	85	0	85	28	20	8	8
B-L-2	B12.20	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
B-M-2	B12.40	19	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0
B-N-1	B13.10	0	0	0	0	0	0	0	0	0	0	0	0	167	167	1	0	1	1
B-N-2	B13.20	0	72	0	0	0	0	0	0	0	0	0	0	0	72	1	0	1	1
	B13.21	366	21	0	0	0	0	0	0	0	0	0	0	0	387	0	0	0	0
B-O	B14.10	0	8	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0
C-A	C1.10	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	C1.20	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
C-B	C2.21	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0
	C2.22	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
C-C	C3.10	0	0	0	0	0	0	0	0	0	0	0	8	0	8	4	4	0	0
	C3.40	0	0	0	0	0	0	0	0	0	0	0	335	0	335	130	61	71	71
C-F	C5.11	0	0	0	0	0	0	0	0	0	0	0	63	0	63	22	15	8	8
	C5.21	0	0	0	0	0	0	0	0	0	0	0	118	0	118	40	30	10	10
	C5.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	C5.31	0	0	0	0	0	0	0	0	0	0	0	6	0	6	2	2	0	0
C-F*	C5.11	0	0	0	0	0	0	0	0	0	0	0	16	0	16	5	2	3	3
	C5.21	0	0	0	0	0	0	0	0	0	0	0	20	0	20	8	6	2	2
	C5.31	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
C-G	C6.10	0	0	0	0	0	0	0	0	0	0	0	15	0	15	6	2	4	4
D-B	D2.20	0	0	9	11	10	0	0	0	0	0	0	0	0	30	9	4	5	5
	D2.30	0	0	1	2	0	0	0	0	0	0	0	0	0	3	1	1	0	0
	D2.40	0	0	9	6	3	0	0	0	0	0	0	0	0	18	9	4	5	5
D-C	D3.20	0	0	1	3	2	0	0	0	0	0	0	0	0	6	1	0	1	1
	D3.40	0	0	1	1	1	0	0	0	0	0	0	0	0	3	1	0	1	1
F-PMP	F-CSP	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0

1. DOES NOT REFLECT SYSTEM PRESSURE TESTS - CODE CATS B-P, C-H, OR D-B  
ITEM NO. D2.10

2. A SCOPE REDUCTION IN THE AUG2 CCAT WILL STILL REFLECT THE 1ST RFO TOTAL  
EXAMS PERFORMED REGARDLESS OF NEW INTERVAL REQUIREMENTS AND 2ND RFO SCHED

3. 2ND RFO SCHEDULED AMOUNT FOR AUG2 WILL NOT REFLECT EXACTLY 1/3 OF  
INTERVAL TOTAL AS IT SHOULD, DUE TO RELIEF RECEIVED

# CODE COMPLIANCE REPORT UNIT 1 FIRST AND SECOND REFUELING OUTAGES

07/09/86

BASED ON REV. 2 OF UNIT 1 SECOND RFO EXAM PLAN AND REV. 5/6 OF 10-YEAR PLAN

CDECAT	ITEM	DO WHEN DISASS.	EOI EXAMS	1P EXAMS	2P EXAMS	3P EXAMS	CATC INTER DISTR	CATB INTER DISTR	AUG3A EXAM W/I 2 RFOS	AUG3B EXAM W/I 4 RFOS	AUG3C EXAM W/I 9 RFOS	AUG4 EXAM AT NEXT RFO	INTV DISTRIB	CONSULT ISI-T-108	1ST INT TOTAL	1P SCHED	1ST RFO EXAMD	2ND RFO SCHED	2ND RFO EXAMD
F-PMP	F-EKP	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	F-HIP	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0
	F-RCP	0	0	13	2	1	0	0	0	0	0	0	0	0	16	13	9	4	4
	F-RHP	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
	F-RIP	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
	F-RSP	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
F-VSL	F-RHX	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
	F-RPV	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	F-SSTK	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
NCHOR	F-ANCH	0	0	25	24	26	0	0	0	0	0	0	0	0	75	25	13	12	12
RIGID	F-RIGD	0	0	58	56	57	0	0	0	0	0	0	0	0	171	58	38	20	20
SNJB	F-VT34	0	0	120	120	120	0	0	0	0	0	0	0	0	360	120	74	46	46
SPRNG	F-SPR	0	0	116	118	112	0	0	0	0	0	0	0	0	346	116	68	48	48
TOTAL		831	578	356	349	335	21	56	18	6	12	3	1309	266	4140	993	605	491	491

1. DOES NOT REFLECT SYSTEM PRESSURE TESTS - CODE CATS B-P, C-H, OR D-B  
ITEM NO. D2.10

2. A SCOPE REDUCTION IN THE AUG2 CCAT WILL STILL REFLECT THE 1ST RFO TOTAL  
EXAMS PERFORMED REGARDLESS OF NEW INTERVAL REQUIREMENTS AND 2ND RFO SCHED

3. 2ND RFO SCHEDULED AMOUNT FOR AUG2 WILL NOT REFLECT EXACTLY 1/3 OF  
INTERVAL TOTAL AS IT SHOULD, DUE TO RELIEF RECEIVED

## APPENDIX B.1

SECTION XI  
CODE COMPLIANCE SUMMARY  
(SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	1ST INTERVAL EXAMS	FIRST PERIOD SCHEDULED	FIRST RFO PROGRAM CREDIT RECEIVED	SECOND RFO PROGRAM CREDIT RECEIVED	PERCENT 1ST RFO OVER 1ST PER	PERCENT 1ST RFO OVER 1ST INT	PERCENT 1ST PER OVER 1ST INT
B-A	B1.11	X-EOI	10	0	0	0	.00	.00	.00
	B1.12	X-EOI	13	0	0	0	.00	.00	.00
	B1.21	X-EOI	1	0	0	0	.00	.00	.00
		X-ID	3	3	0	1	.00	.00	33.33
	B1.22	X-EOI	8	0	0	0	.00	.00	.00
		X-ID	6	2	0	2	.00	.00	33.33
	B1.30	Z	3	3	0	1	.00	.00	33.33
	B1.40	X-ID	6	6	0	2	.00	.00	33.33
B-D	B3.100	Z	30	10	0	10	.00	.00	33.33
	B3.90	Z	30	10	0	10	.00	.00	33.33
B-E	B4.11	X-ID	1	0	0	1	.00	.00	100.00
	B4.12	X-ID	47	15	15	1	100.00	31.91	34.04
	B4.13	X-ID	17	6	5	1	83.33	29.41	35.29
B-F	B5.10	Z	34	10	0	10	.00	.00	29.41
	B5.50	X-ID	10	2	2	0	100.00	20.00	20.00
		Z	4	0	0	0	.00	.00	.00
	B5.51	X-ID	1	0	0	0	.00	.00	.00
B-G-1	B6.10	X-EOI	76	0	0	0	.00	.00	.00
	B6.180	X-EOI	16	0	0	0	.00	.00	.00
	B6.190	X-D	32	0	0	0	.00	.00	.00
	B6.20	X-EOI	76	0	0	0	.00	.00	.00

## APPENDIX B.1

SECTION XI  
CODE COMPLIANCE SUMMARY  
(SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	1ST INTERVAL EXAMS	FIRST PERIOD SCHEDULED	FIRST RFO PROGRAM CREDIT RECEIVED	SECOND RFO PROGRAM CREDIT RECEIVED	PERCENT 1ST RFO OVER 1ST PER	PERCENT 1ST RFO OVER 1ST INT	PERCENT 1ST PER OVER 1ST INT
B-G-1	B6.200	X-EOI	16	0	0	0	.00	.00	.00
	B6.30	X-B	152	0	0	0	.00	.00	.00
	B6.40	X-D	76	0	0	0	.00	.00	.00
	B6.50	X-EOI	76	0	0	0	.00	.00	.00
B-G-2	B7.50	X-ID	25	11	9	0	81.82	36.00	36.00
	B7.70	X-ID	64	34	28	0	82.35	43.75	43.75
	B7.80	X-D	185	71	24	47	33.80	12.97	38.38
B-H	B8.10	X-ID	9	3	0	3	.00	.00	33.33
B-J	B9.11	X-ID	290	100	54	46	54.00	18.62	34.48
	B9.12	X-ID	122	24	12	12	50.00	9.84	19.67
	B9.21	X-ID	7	2	0	2	.00	.00	28.57
	B9.31	X-ID	18	4	2	2	50.00	11.11	22.22
	B9.40	X-ID	13	5	3	1	60.00	23.08	30.77
B-K-1	B10.10	X-ID	85	28	20	8	71.43	23.53	32.94
B-L-2	B12.20	X-D	1	0	0	0	.00	.00	.00
B-H-2	B12.40	X-D	19	0	0	0	.00	.00	.00
B-N-1	B13.10	X-RO*	167	1	0	0	.00	.00	.00
B-N-2	B13.20	X-EOI	72	1	0	0	.00	.00	.00
	B13.21	X-D	366	0	0	0	.00	.00	.00
		X-EOI	21	0	0	0	.00	.00	.00
B-O	B14.10	X-EOI	8	0	0	0	.00	.00	.00

## APPENDIX B.1

SECTION XI  
CODE COMPLIANCE SUMMARY  
(SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	1ST INTERVAL EXAMS	FIRST PERIOD SCHEDULED	FIRST RFO PROGRAM CREDIT RECEIVED	SECOND RFO PROGRAM CREDIT RECEIVED	PERCENT 1ST RFO OVER 1ST PER	PERCENT 1ST RFO OVER 1ST INT	PERCENT 1ST PER OVER 1ST INT
C-A	C1.10	X-ID	1	0	0	0	.00	.00	.00
	C1.20	X-ID	1	0	0	0	.00	.00	.00
C-B	C2.21	X-ID	4	0	0	0	.00	.00	.00
	C2.22	X-ID	2	0	0	0	.00	.00	.00
C-C	C3.10	X-ID	8	4	4	0	100.00	50.00	50.00
	C3.40	X-ID	335	128	58	57	45.31	17.31	34.33
C-F	C5.11	X-ID	63	22	14	8	63.64	22.22	34.92
	C5.21	X-ID	118	40	30	10	75.00	25.42	33.90
	C5.31	X-ID	6	2	2	0	100.00	33.33	33.33
C-FH	C5.11	X-ID	16	5	2	3	40.00	12.50	31.25
	C5.21	X-ID	20	8	6	0	75.00	30.00	30.00
	C5.31	X-ID	2	0	0	0	.00	.00	.00
C-G	C6.10	X-ID	15	6	2	3	33.33	13.33	33.33
D-B	D2.20	X-1P	9	9	4	5	44.44	44.44	100.00
		X-2P	11	0	0	0	.00	.00	.00
		X-3P	10	0	0	0	.00	.00	.00
	D2.30	X-1P	1	1	1	0	100.00	100.00	100.00
		X-2P	2	0	0	0	.00	.00	.00
	D2.40	X-1P	9	9	4	5	44.44	44.44	100.00
		X-2P	6	0	0	0	.00	.00	.00
		X-3P	3	0	0	0	.00	.00	.00



## APPENDIX B.1

SECTION XI  
CODE COMPLIANCE SUMMARY  
(SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	1ST INTERVAL EXAMS	FIRST PERIOD SCHEDULED	FIRST RFO PROGRAM CREDIT RECEIVED	SECOND RFO PROGRAM CREDIT RECEIVED	PERCENT 1ST RFO OVER 1ST PER	PERCENT 1ST RFO OVER 1ST INT	PERCENT 1ST PER OVER 1ST INT
D-C	D3:20	X-1P	1	1	0	1	.00	.00	100.00
		X-2P	3	0	0	0	.00	.00	.00
		X-3P	2	0	0	0	.00	.00	.00
	D3:40	X-1P	1	1	0	1	.00	.00	100.00
		X-2P	1	0	0	0	.00	.00	.00
		X-3P	1	0	0	0	.00	.00	.00
F-PHP	F-CSP	X-1P	1	1	1	0	100.00	100.00	100.00
		X-2P	1	0	0	0	.00	.00	.00
		X-3P	2	0	0	0	.00	.00	.00
	F-RCP	X-1P	13	13	9	4	69.23	69.23	100.00
		X-2P	2	0	0	0	.00	.00	.00
		X-3P	1	0	0	0	.00	.00	.00
	F-RHP	X-3P	1	0	0	0	.00	.00	.00
		X-1P	1	1	0	1	.00	.00	100.00
		X-1P	1	1	1	0	100.00	100.00	100.00
F-VSL	F-RHX	X-2P	2	0	0	0	.00	.00	.00
		X-2P	1	0	0	0	.00	.00	.00
		X-2P	2	0	0	0	.00	.00	.00
NCHOR	F-ANCH	X-1P	25	25	13	12	52.00	52.00	100.00
		X-2P	24	0	0	0	.00	.00	.00
		X-3P	26	0	0	0	.00	.00	.00

## APPENDIX B.1

SECTION XI  
CODE COMPLIANCE SUMMARY  
(SYSTEM PRESSURE TESTS NOT INCLUDED)

CODE CATEGORY	ITEM	EXAM SCHEDULE GUIDELINE	1ST INTERVAL EXAMS	FIRST PERIOD SCHEDULED	FIRST RFO PROGRAM CREDIT RECEIVED	SECOND RFO PROGRAM CREDIT RECEIVED	PERCENT 1ST RFO OVER 1ST PER	PERCENT 1ST RFO OVER 1ST INT	PERCENT 1ST PER OVER 1ST INT
RIGID	F-RIGD	X-1P	58	58	38	20	65.52	65.52	100.00
		X-2P	56	0	0	0	.00	.00	.00
		X-3P	57	0	0	0	.00	.00	.00
SNUB	F-VT3	X-1P	120	120	74	46	61.67	61.67	100.00
		X-2P	120	0	0	0	.00	.00	.00
		X-3P	120	0	0	0	.00	.00	.00
SPRNG	F-SPR	X-1P	116	116	68	48	58.62	58.62	100.00
		X-2P	118	0	0	0	.00	.00	.00
		X-3P	112	0	0	0	.00	.00	.00

AUGMENTED REQUIREMENTS  
COMPLIANCE SUMMARY

CODE CATEGORY	ITEM	1ST INTERVAL COMPONENTS	EXAM SCH	1P SCHED	1ST RFO COMPLT	2ND RFO COMPLT	PERCENT 1ST RFO OVER 1ST/PER	PERCENT 1ST RFO OVER 1ST INT	PERCENT 1ST PER OVER 1ST INT
AUG1	AUG1	185	X-EOI	32	1	30	3.13	.54	17.84
AUG2	AUG2	0		0	47	0	.00	.00	.00
		56	X-CATB	19	34	19	178.95	60.71	94.64
		21	X-CATC	5	0	5	.00	.00	23.81
AUG3	AUG3	18	X-AUG3A	18	0	18	.00	.00	100.00
		6	X-AUG3B	0	0	0	.00	.00	.00
		12	X-AUG3C	0	0	0	.00	.00	.00
AUG4	AUG4	0		0	0	0	.00	.00	.00
		3	X-AUG4	3	0	3	.00	.00	100.00