



PSEG

Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038

Nuclear Department

February 3, 1983

Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, Maryland 20014

Attention: Mr. Steven A. Varga, Chief
Operating Reactors Branch 1
Division of Licensing

Dear Mr. Varga:

ENVIRONMENTAL QUALIFICATION REVIEW REPORT
VOLUME 1 AND 2, REVISION 4
SALEM GENERATING STATION
UNITS NO. 1 AND 2
DOCKET NOS. 50-272 AND 50-311

PSE&G hereby submits Revision 4 to its report on Environmental Qualification of Class 1E Instrumentation and Electrical Equipment. This revision consists of a complete proprietary version and non-proprietary replacement pages for the report which was submitted to you by letter dated November 26, 1980, and revised in January and February 1981.

As this submittal contains information proprietary to Westinghouse Electric Corporation, it is supported by an affidavit signed by Westinghouse, the owners of the information. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b) (4) of Section 2.790 of the Commission's regulations.

Accordingly, it is respectfully requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR Section 2.790 of the Commission's regulations. Correspondence with respect to the proprietary aspects of this application for withholding or the supporting Westinghouse affidavit should reference CAW-80-15, and should be addressed to R. A. Weisemann, Manager, Regulatory and Legislative Affairs, Westinghouse Electric Corporation, P. O. Box 355, Pittsburgh, Pennsylvania 15230.

8302150623 830203
PDR ADOCK 05000272
PDR

The Energy People

Printed Dist

*AOAB
1/5 Prop
5 Non Prop*

*Change: LPDR
PDR
NTIS
NSIC } Non Prop Only*

This revision affects Volume 1, Section V & VII and Volume 2 in its entirety. A summary sheet identifying those pages in Volume 1 and 2 that were revised is also included.

This revision incorporates data that was not available at the time of the previous submittal of the report. Major areas of change include:

- 1) Addition of environmental qualification data.
- 2) Addition of qualification documentation references.
- 3) Addition of separate qualification data evaluation forms for various Unit 1 and Unit 2 components.
- 4) Updated master equipment list references to be consistent with the data evaluation forms.
- 5) Listing of transmitters to be replaced by the Rosemount 1153D series transmitter.
- 6) Revised documentation for components that were replaced.

Basis No. 39 has been added for the purpose of tabulating the existing transmitters that are to be replaced by the Rosemount 1153D series transmitters. Since final qualification data is not presently available for the Rosemount transmitters, revised qualification data evaluation forms (Section V) have not been included as part of this revision. The existing forms for the old transmitters indicates replacement and references the appropriate Basis which in turn references Basis No. 39 for the replacement transmitter model number.

Remaining qualification data including that for the Rosemount 1153D series transmitters will be included in the next revision of the subject report.

This submittal consists of five (5) copies each of the proprietary version and non-proprietary replacement pages and one (1) copy of the supporting affidavit. This submittal does not address items raised by the Franklin Research Center in its Technical Evaluation Reports. These items will be addressed in accordance with the schedules established in the NRC Docket Letters of January 19 and 21, 1983, transmitting the SER's.

Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission

-3-

2/03/83

Should you have any questions in this regard, do not hesitate to contact us.

Very truly yours,



E. A. Liden
Manager - Nuclear
Licensing and Regulation

Attachment

CC: Mr. D. Fischer
Licensing Project Manager

Mr. L. Norrholm
Senior Resident Inspector

SALEM GENERATING STATION
UNITS 1 AND 2
DOCKET NOS. 50-272 AND 50-311
ENVIRONMENTAL QUALIFICATION REVIEW REPORT
VOLUME 2
(PROPRIETARY VERSION)

December 1, 1980

M P81 11/06

Rev. 1 - 12/1/80
Rev. 2 - 1/16/81
Rev. 3 - 2/9/81
Rev. 4 - 12/22/82

MASTER LIST OF EQUIPMENT

<u>System Name</u>	<u>Page No.</u>
Reactor Coolant	1-17
Pressurizer	18-39
Main Steam	40-109
Main Feedwater	110-111
Auxiliary Feedwater	112-117
Charging and Letdown	118-131A
Safety Injection	132-149
Residual Heat Removal	150-182
Containment Spray	183-198
Component Cooling	199-203
Containment Isolation	204-299R
Containment Ventilation	300-326
Combustible Gas Controls	327-333
Containment Parameters	334-399
Miscellaneous	400-455
Accumulators	456-474
Containment Water Level - TMI	475-483
Auxiliary Building Ventilation	484-502

SALEM GENERATING STATION
UNITS 1 AND 2
ENVIRONMENTAL QUALIFICATION REVIEW REPORT - REVISION 4

REVISED PAGES

Volume II

PAGES	18-REV. 2	PAGES	97-REV. 2	PAGES	161-REV. 2
	22-REV. 2		99-REV. 2		162-REV. 2
	25-REV. 2		110-REV. 2		168-REV. 2
	26-REV. 2		112-REV. 2		169-REV. 2
	28-REV. 4		118-REV. 2		185-REV. 2
	40-REV. 2		119-REV. 2		189-REV. 2
	46-REV. 2		121-REV. 2		191-REV. 2
	50-REV. 2		124-REV. 2		193-REV. 2
	54-REV. 2		125-REV. 2		194-REV. 2
	58-REV. 2		129-REV. 2		195-REV. 2
	63-REV. 2		131-REV. 2		199-REV. 2
	67-REV. 2		134-REV. 2		200-REV. 2
	71-REV. 2		135-REV. 2		202-REV. 2
	74-REV. 2		136-REV. 2		204-REV. 2
	78-REV. 2		138-REV. 2		205-REV. 2
	81-REV. 2		143-REV. 2		208-REV. 2
	84-REV. 2		144-REV. 2		211-REV. 2
	87-REV. 2		152-REV. 2		212-REV. 2
	91-REV. 2		153-REV. 2		217-REV. 2
	93-REV. 2		154-REV. 2		218-REV. 2
	95-REV. 2		155-REV. 2		221-REV. 2

SALEM GENERATING STATION
UNITS 1 AND 2
ENVIRONMENTAL QUALIFICATION REVIEW REPORT - REVISION 4

REVISED PAGES

Volume II

PAGES	223-REV. 2	PAGES	294-REV. 2	PAGES	456-REV. 2
	224-REV. 2		295A-REV. 2		457-REV. 2
	232-REV. 2		296-REV. 2		459-REV. 2
	237-REV. 2		297A-REV. 2		463-REV. 2
	240-REV. 2		298-REV. 2		464-REV. 2
	241-REV. 2		299A-REV. 2		465-REV. 2
	245-REV. 2		299I-REV. 2		466-REV. 2
	246-REV. 2		299J-REV. 2		475-REV. 4
	247-REV. 2		299K-REV. 2		481-REV. 4
	248-REV. 2		299L-REV. 2		486-REV. 4
	254-REV. 2		303-REV. 2		488-REV. 4
	255-REV. 2		306-REV. 2		494-REV. 4
	257-REV. 2		311-REV. 2		498-REV. 4
	258-REV. 2		312-REV. 2		499-REV. 4
	268-REV. 2		313-REV. 2		
	269-REV. 2		314-REV. 2		
	271-REV. 2		315-REV. 2		
	283-REV. 2		316-REV. 2		
	284-REV. 2		327-REV. 2		
	288-REV. 2		391-REV. 2		
	289-REV. 2		392-REV. 2		
			393-REV. 2		
			402-REV. 2		
			405-REV. 2		

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT SHEET 1 OF 17

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TA0040 (TE-410A)	#11 RC LOOP HOT LEG NARROW RANGE TEMP.	RESISTANCE TEMPERATURE DETECTOR - RTD ROSEMOUNT [176KF] AC	CONTAINMENT	MSLB 350°F 42.8 PSIG < SK107R	PAGE 1	BASIS 1	
TA0041 (TE-411A)	#11						
TA0070 (TE-420A)	#12						
TA0071 (TE-421A)	#12						
TA0060 (TE-430A)	#13						
TA0061 (TE-431A)	#13						
TA0050 (TE-440A)	#14						
TA0051 (TE-441A)	#14						

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 2

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 2 OF 17

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	ELECTRICAL CONNECTIONS	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S)	CONTAINMENT	MSLB 350°F 42.8 PSIG <5X10 ⁷ R	PAGE 64	NONE	
JN 620 (UNIT 1) JN 628 (UNIT 2)	TA0040/IRC23P-AQ TA0041/IRC21P-AQ	PSE&G DESIGN WITH BUCHANAN BLOCK(S) MODEL 2B112N	↓	↓	↓	↓	
JN 622 (UNIT 1) JN 630 (UNIT 2)	TA0070/IRC80P-BQ TA0071/IRC78P-BQ	↓	↓	↓	↓	↓	
JN 624 (UNIT 1) JN 632 (UNIT 2)	TA0060/IRC117P-CQ TA0061/IRC115P-CQ	↓	↓	↓	↓	↓	
JN 626 (UNIT 1) JN 634 (UNIT 2)	TA0050/IRC152P-DQ TA0051/IRC150P-DB	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 3 OF 17

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IRC23P-AQ	SIGNAL WIRE FOR INSTRUMENTS TA0040	INSTRUMENTATION CABLE FROM GENERIC GROUPINGS	CONTAINMENT	MSLB 350°F 92.8 PSI 2.5x10 ⁷ R	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IRC23-AQ	TA0040	↓	ELEC. PENET. & OTHERS	N/A	↓	↓	
IRC21P-AQ	TA0041	↓	↓	↓	↓	↓	
IRC21-AQ	TA0041	↓	↓	↓	↓	↓	
IRC80P-BQ	TA0070	↓	↓	↓	↓	↓	
IRC80-BQ	TA0070	↓	↓	↓	↓	↓	
IRC78P-BQ	TA0071	↓	↓	↓	↓	↓	
IRC78-BQ	TA0071	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 4

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 4 OF 17

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IRC117P-CQ	SIGNAL WIRE FOR INSTRUMENTS TA 0060	INSTRUMENTATION CABLE FROM GENERIC GROUPINGS	CONTAINMENT	MSLB 350°F 42.8 PSIG ≤ 5 x 10 ⁷ R	PAGES 67 THROUGH 73	BASIS #1	
IRC117-CQ	TA 0060	↓	ELEC. PENET & OTHERS	N/A	↓	↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IRC115P-CQ	TA 0061	↓	↓	↓	↓	↓	↓
IRC115-CQ	TA 0061	↓	↓	↓	↓	↓	↓
IRC152P-DQ	TA 0050	↓	↓	↓	↓	↓	↓
IRC152-DQ	TA 0050	↓	↓	↓	↓	↓	↓
IRC150P-DQ	TA 0051	↓	↓	↓	↓	↓	↓
IRC150-DQ	TA 0051	↓	↓	↓	↓	↓	↓

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 5 OF 17

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
TA 2437 (TE-410B)	#11 RC LOOP COLD LEG NARROW RANGE TEMP.	RESISTANCE TEMPERATURE DETECTOR - RTD ROSEMOUNT [176KE]AC	CONTAINMENT	MSLB 350°F 42.8 Psk L5X10 ³ R	PAGE 1	BASIS 1	
TA 2438 (TE-411B)	#11	↓	↓	↓	↓	↓	
TA 2440 (TE-420B)	#12	↓	↓	↓	↓	↓	
TA 2441 (TE-421B)	#12	↓	↓	↓	↓	↓	
TA 2443 (TE-430B)	#13	↓	↓	↓	↓	↓	
TA 2444 (TE-431B)	#13	↓	↓	↓	↓	↓	
TA 2446 (TE-440B)	#14	↓	↓	↓	↓	↓	
TA 2447 (TE-441B)	#14	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 6 OF 17

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JN621 (UNIT 1) JN629 (UNIT 2)	ELECTRICAL CONNECTION TA2437/IRC24P-AQ TA2438/IRC22P-AQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE & G DESIGN WITH BUCHANAN BLOCK(S) MODEL 2B112N	CONTAINMENT	MSLB 350°F 42.8 PSIG LSX10R	PAGE 64	NONE	
JN623 (UNIT 1) JN631 (UNIT 2)	TA2440/IRC81P-BQ TA2441/IRC79P-BQ	↓	↓	↓	↓	↓	
JN625 (UNIT 1) JN633 (UNIT 2)	TA2443/IRC118P-CQ TA2444/IRC116P-CQ						
JN627 (UNIT 1) JN635 (UNIT 2)	TA2446/IRC153P-DQ TA2447/IRC151P-DQ						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 7 OF 17

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IRC24P-AQ	SIGNAL WIRE FOR INSTRUMENTS TA 2437	INSTRUMENTATION CABLE FROM GENERIC GROUPINGS	CONTAINMENT	MSLB 350°F 42.8 PSI 25x10 ⁶ R	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IRC24-AQ	TA 2437	↓	ELEC. PENT. & OTHERS	N/A	↓	↓	
IRC22P-AQ	TA 2438	↓	↓	↓	↓	↓	
IRC22-AQ	TA 2438	↓	↓	↓	↓	↓	
IRC81P-BQ	TA 2440	↓	↓	↓	↓	↓	
IRC81-BQ	TA 2440	↓	↓	↓	↓	↓	
IRC79P-BQ	TA 2441	↓	↓	↓	↓	↓	
IRC79-BQ	TA 2441	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 8 OF 17

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1RC118P-CQ	SIGNAL WIRE FOR INSTRUMENTS TA 2443	INSTRUMENTATION CABLE FROM GENERIC GROUNDS	CONTAINMENT	MSLB 350°F 428 P/16 25X10TR	PAGES 67 THROUGH 73		
1RC118-CQ	TA 2443	↓	ELEC. PENET. & OTHERS	N/A	↓	BASIS#1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1RC116P-CQ	TA 2444	↓	↓	↓	↓	↓	
1RC116-CQ	TA 2444	↓	↓	↓	↓	↓	
1RC153P-DQ	TA 2446	↓	↓	↓	↓	↓	
1RC153-DQ	TA 2446	↓	↓	↓	↓	↓	
1RC151P-DQ	TA 2447	↓	↓	↓	↓	↓	
1RC151-DQ	TA 2447	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 9

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 9 OF 17

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TA 0043 (TE-413A)	#11 RC LOOP HOT LEG WIDE RANGE TEMP.	RESISTANCE TEMP. DETECTOR - RTD ROSEMOUNT [176KS] AC	CONTAINMENT	LOCA/MSLB 371/380°F 43.2/428 25X10 ⁷ R AC	PAGE 2	NONE	
TA 0073 (TE-423A)	#12						
TA 0063 (TE-433A)	#13						
TA 0053 (TE-443A)	#14						
TA 2757 (TE-413B)	#11 RC LOOP COLD LEG WIDE RANGE TEMP.						
TA 2758 (TE-423B)	#12						
TA 2759 (TE-433B)	#13						
TA-2760 (TE-443B)	#14						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 10 OF 17

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JS615 (UNIT 1) JS662 (UNIT 2)	ELECTRICAL CONNECTION TA 0043/IRC19 P-HQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE&G DESIGN WITH BUCHANAN BLOCK (S) MODEL 2B112N	CONTAINMENT	LOCA/MSLB 271/350% 43.2/42.8 PS10 LSX107R	PAGE 64	NONE	
JS616 (UNIT 1) JS664 (UNIT 2)	TA 0073/IRC76 P-EQ	↓	↓	↓	↓	↓	
JS617 (UNIT 1) JS665 (UNIT 2)	TA 0063/IRC113 P-FQ	↓	↓	↓	↓	↓	
JS621 (UNIT 1) JS667 (UNIT 2)	TA 0053/IRC148 RGA	↓	↓	↓	↓	↓	
JS609 (UNIT 1) JS661 (UNIT 2)	TA 2757/IRC 18P-HQ	↓	↓	↓	↓	↓	
JS611 (UNIT 1) JS663 (UNIT 2)	TA 2758/IRC75 P-EQ	↓	↓	↓	↓	↓	
JS612 (UNIT 1) JS666 (UNIT 2)	TA 2759/IRC112 P-FQ	↓	↓	↓	↓	↓	
JS614 (UNIT 1) JS668 (UNIT 2)	TA 2760/IRC147P-GQ	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 11 OF 17

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IRC19P-HQ	SIGNAL WIRE FOR INSTRUMENT TA 0043	INSTRUMENTATION CABLE FROM GENERIC GROUPINGS	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8 Psig L5X107R	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORSE CASE ENVIRONMENT
IRC19-HQ	TA 0043		ELEC. PENET. & OTHERS	N/A			
IRC76P-EQ	TA 0073						
IRC76-EQ	TA 0073						
IRC113P-FQ	TA 0063						
IRC113-FQ	TA 0063						
IRC148P-GQ	TA 0053						
IRC148-GQ	TA 0053						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 12

SYSTEM REACTOR COOLANT

SHEET 12 OF 17

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1RC18P-HQ	SIGNAL WIRE FOR INSTRUMENT TA 2757	INSTRUMENTATION CABLE FROM GENERIC GROUPINGS	CONTAINMENT	LO: A/MSLB 271/350°F 43.2/42.8 P _{sig} L5x10TR	PAGES 67 THROUGH 73	BASIS #1	
1RC18-HQ	TA 2757	↓	ELEC. PENET. & OTHERS	N/A	↓	↓	CABLING QUALIFIED TO WORSE CASE ENVIRONMENT
1RC 75P-EQ	TA 2758	↓	↓	↓	↓	↓	↓
1RC 75-EQ	TA 2758	↓	↓	↓	↓	↓	↓
1RC112P-FQ	TA 2759	↓	↓	↓	↓	↓	↓
1RC112-FQ	TA 2759	↓	↓	↓	↓	↓	↓
1RC 147P-GQ	TA 2760	↓	↓	↓	↓	↓	↓
1RC 147-GQ	TA 2760	↓	↓	↓	↓	↓	↓

Division 7

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 13

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 13 OF 17

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PA0039 (PT-403) PA 8088 (PT-405)	REACTOR COOLANT SYSTEM WIDE RANGE PRESSURE ↓ —	PRESSURE TRANSMITTER BARTON [763] A.C. UNIT 1 - LOT 2 UNIT 2 - LOT 1 ↓ —	CONTAINMENT (INSTR. PANEL) ↓ —	LOCA/MSLB 271/360°F. 43.2/42.8 PSIG < 5X10 ⁻⁷ R ↓ —	PAGE 3 PAGE 4 ↓ —	BASIS #2 BASIS #2 ↓ —	AMBIENT CONDITIONS DEVICE EXPOSED TO LOWER TEMP. WITHIN PANEL. ↓ — Revision I

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 14 OF 17

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 241 (UNIT 1)	ENCLOSURE FOR PA 0039 AND ELECTRICAL CONNECTION PA 0039/IRC 27P-BQ	4 BAY INSTRUMENT PANEL PSE&G DESIGN AND CABLE SPLICE RAYCHEM WCSF-N	CONTAINMENT ↓	LOCA/MSLB 271/850°F 93.2/42.8 PSIG < 5 X 10 ⁻⁷ R ↓	PAGE 62 AND 65 ↓	NONE ↓	
PANEL 237 (UNIT 1)	ENCLOSURE FOR PA 8088 AND ELECTRICAL CONNECTION PA 8088/IRC 213P-AQ	SINGLE BAY INSTRUMENT PANEL PSE&G DESIGN AND CABLE SPLICE RAYCHEM WCSF-N	↓	↓	↓	↓	

Revision I

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 15 OF 17

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 797-A (UNIT 2)	ENCLOSURE FOR PA0039 AND ELECTRICAL CONN. PA0039/2 RC27P-AQ	NEHA 12 INSTRUMENT ENCLOSURE PSE&G DESIGN CABLE SPLICE RAYCHEN WCSF-N	CONTAINMENT	LOCA / MSCLB 271/350°F 43.2/42.8 PSIG L5X10 ¹ R	PAGE 62 AND PAGE 65	NONE NONE	
PANEL 797-B (UNIT 2)	ENCLOSURE FOR PA8088 AND ELECTRICAL CONN. PA8088/2 RC213P-AQ						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 16 OF 17

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IRC27P-BQ	SIGNAL WIRE FOR INSTRUMENTS PA0039	INSTRUMENTATION CABLE FROM GENERIC GROUPINGS	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8 PSIG < 5x10 ⁷ R	PAGE 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IRC27-BQ	PA0039	↓	ELEC. PENET. & OTHERS	N/A	↓	↓	↓
IRC213P-AQ	PA8088	↓	↓	↓	↓	↓	↓
IRC213-AQ	PA8088	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM REACTOR COOLANT

SHEET 17 OF 17

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET. 1-62	ELECTRICAL CONNECTION FOR ASSOCIATED CABLES OF: #11 RC LOOP RTD'S AND PA 8808	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT ELEC. PENET.	LOCA/MSLB 271/350°F 43.2/42.8 Psig < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
PENET. 1-61	#12 RC LOOP RTD'S AND PA 0039	↓	↓	↓	↓	↓	↓
PENET. 1-60	#13 RC LOOP RTD'S	↓	↓	↓	↓	↓	↓
PENET. 1-29	#14 RC LOOP RTD'S	↓	↓	↓	↓	↓	↓

Revision T

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 18

REVISION - 2

SYSTEM PRESSURIZER

SHEET 1 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
LA-0086 (LT-459)	PRESSURIZER LEVEL ↓	BARTON [764] A,C DIFFERENTIAL PRESSURE TRANSMITTER UNIT 1 - LOT 2 UNIT 2 - LOT 1 ↓	CONTAINMENT 100' (INSTR PNL) ↓	LOCA/MSLB 271/350°F 43.2/42.8 PSIG 2.5x10 ⁷ R ↓	PAGE 5 PAGE 6	BASIS # 2 BASIS # 2	
LA-0087 (LT-460)							
LA-0088 (LT-461)							
PA-0082 (PT-455)	PRESSURIZER PRESSURE ↓	ROSEMOUNT 1153AGA PRESSURE TRANSMITTER ↓	↓	↓	PAGE 7 (UNIT 1) PAGE 7A (UNIT 2)	BASIS # 1	
PA-0083 (PT-456)							
PA-0084 (PT-457)							
PA-0097							

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 2 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 335	ENCLOSURE FOR LA-0086 LA-0087 LA-0088 PA-0082 PA-0083 PA-0084 PA-0097	4 BAY INSTRUMENT PANEL PSE&G DESIGN	CONTAINMENT 100'	LOCA /MSLB 271 /350°F 43.2/42.8 PSIG < 5x10 ⁷ R	PAGE 62	NONE	
	ELECTRICAL CONNECTIONS FOR NOTED INSTRUMENT AND ASSOCIATED CABLE LA-0086 /IPRZ67P-AQ LA-0087 /IPRZ69P-BQ LA-0088 /IPRET9P-CQ PA-0082 /IPRZ68P-AQ PA-0083 /IPRZ70P-BQ PA-0084 /IPRZ72P-CQ PA-0097 /IPRZ75P-DQ	SPLICE RAYCHEM WCSF-N				PAGE 65	

Revision 7

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 20

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 3 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IPRZ67P-AQ IPRZ67-AQ IPRZ69P-BQ IPRZ69-BQ IPRZ73P-CQ IPRZ73-CQ IPRZ68P-AQ IPRZ68-AQ IPRZ70P-BQ IPRZ70-BQ IPRZ72P-CQ IPRZ72-CQ IPRZ75P-DQ IPRZ75-DQ	SIGNAL WIRE FOR NOTED INSTRUMENT LA 0086 LA 0087 LA 0088 PA 0082 PA 0083 PA 0084 PA 0097	CABLE FROM GENERIC GROUPINGS ↓ ↓ ↓ ↓ ↓ ↓ ↓	CONTAINMENT AND OTHER AREAS ↓ ↓ ↓ ↓ ↓ ↓ ↓	LOCA / MSLB 271/350°F 43.2 / 42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY) ↓ ↓ ↓ ↓ ↓ ↓	PAGES 67 THROUGH 73 ↓ ↓ ↓ ↓ ↓ ↓ ↓	BASIS #1 ↓ ↓ ↓ ↓ ↓ ↓ ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓ ↓ ↓ ↓ ↓ ↓ ↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 4 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES OF:</i>	<i>CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE</i>	<i>CONTAINMENT & ELEC. PENET</i>	<i>LOCA/MSLB 271/350°F 43.2/42.8 PSIG ≤ 5x10⁷R (CONTAINMENT ONLY)</i>	<i>PAGE 66</i>	<i>NONE</i>	<i>QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>PENETRATION 1-59</i>	<i>LA 0088 PA 0084</i>	↓	↓	↓	↓	↓	↓
<i>PENETRATION 1-63</i>	<i>LA 0087 PA 0083</i>	↓	↓	↓	↓	↓	↓
<i>PENETRATION 1-65</i>	<i>LA 0086 PA 0082</i>	↓	↓	↓	↓	↓	↓
<i>PENETRATION 1-7</i>	<i>PA 0097</i>	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 22

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 5 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV-759	PILOT VALVE CONTROL FOR 1PR1 PRESSURIZER OUTLET TO PRESSURIZER RELIEF TANK	ASCO NP8316A74E (UNIT 2) NP831654E 200-321-3F LB-83146 (UNIT 1)	CONTAINMENT 130' (LOCAL)	LOCA/MSLB 271 / 350°F 43.2 / 42.8 PSIG < 5x10 ⁷ R	PAGE 60 PAGE 60A PAGE 60B (UNIT 1) PAGE 60C (UNIT 2)	NONE	
SV-760	1PR2 PRESSURIZER OUTLET TO PRESSURIZER RELIEF TANK	↓	↓	↓	↓	↓	
SV-1198 (UNIT 1 ONLY)	AIR SUPPLY TO PORV 1PR1	ASCO TYPE NP-8316GSE	↓	↓	PAGE 8	BASIS #3	
SV-1199 (UNIT 1 ONLY)	AIR SUPPLY TO PORV 1PR2	↓	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 23

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 6 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
2PR47 (UNIT 2 ONLY)	SOLENOID VALVES FOR PRESSURIZER POWER OPERATED RELIEF	MAROTTA MV225C	CONTAINMENT 130' (LOCAL)	LOCA/MSLB 271/350°F 43.2/42.8 P _s /g L5X107R	PAGE 9	BASIS #3	
2PR48 (UNIT 2 ONLY)	PRESSURIZER POWER OPERATED RELIEF	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 24

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 7 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>CONTROL WIRES FOR SOLENOID VALVES:</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>CONTAINMENT AND OTHER AREAS</i>	<i>LOCA/MSLB 271/350°F 43.2/42.8 PSIG 2.5 x 10⁻⁷R (CONTAINMENT ONLY)</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>1PRZ55P-AT 1PRZ55-AT</i>	<i>SV-1198 (UNIT 1 ONLY) SV-759 AND 2PR47 (UNIT 2 ONLY)</i>	↓	↓	↓	↓	↓	↓
<i>1PRZ56P-T 1PRZ56-T</i>	<i>SV-1199 (UNIT 1 ONLY) SV-760 AND 2PR48 (UNIT 2 ONLY)</i>	↓	↓	↓	↓	↓	↓
<i>2PRZ55PA-AT</i>	<i>2PR47 (UNIT 2 ONLY)</i>	↓	↓	↓	↓	↓	↓
<i>2PRZ56PA-BT</i>	<i>2PR48 (UNIT 2 ONLY)</i>	↓	↓	↓	↓	↓	↓

Revision I

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 25

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 8 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>MOTOR OPERATED VALVES</i>						
<i>1PR6</i>	<i>PRESSURIZER RELIEF STOP VALVE</i>	<i>LIMITORQUE MODEL - SMB</i>	<i>CONTAINMENT 150'</i>	<i>LOCA /MSLB 271/350°F 43.2/42.8 PSIG 2.5X10⁻⁷R</i>	<i>PAGE 63-1 PAGE 63-2</i>	<i>BASIS #1</i>	
<i>1PA7</i>	<i>PRESSURIZER RELIEF STOP VALVE</i>	↓	↓	↓	↓	↓	

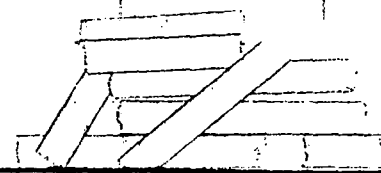
Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 9 OF 22



IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>POWER/CONTROL FOR MOTOR OPER. VALVES</i>						
<i>1A EAST MOTOR CONTROL CENTER</i>	<i>IPR 6</i>	<i>GENERAL ELECTRIC 7700 LINE</i>	<i>ELEC. PEN. 78'</i>	<i>RECIRC 210⁵R</i>	<i>PAGE 74 (UNIT 1) PAGE 74A (UNIT 2)</i>	<i>BASIS⁷</i>	
<i>1B EAST MOTOR CONTROL CENTER</i>	<i>IPA 7</i>	↓ —	↓ —	↓ —	↓ —	↓ —	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 10 OF 22

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A3YACP-A 1A3YAC-A 1B3YATP-B 1B3YAJ-B	POWER CABLES FOR VALVE MOTORS IPR 6 IPR 7	CABLE FROM GENERIC GROUPINGS ↓	CONTAINMENT AND ELEC. PEN. ↓	LOCA/MSLB 271/350°F 43.2/42.8 PSIG $2.5 \times 10^{-7} R$ (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 12 OF 22

REV. 4

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
LIMIT SWITCHES FOR VALVES	CONTROL / POSITION INDICATION FOR VALVES						
1PR1 *	PRESSURIZER	NAMCO	CONTAINMENT 130' (LOCAL)	LOCA/MSLB 271/350°F 43.2/42.8 P/SIG.	PAGE 10	BASIS #4	
1PR2 *	RELIEF VALVES	EA-180					
1PR3 *	PRESSURIZER	NAMCO	↓	≤ 5 X 10 ⁷ R	PAGE 61	NONE	
1PR4 *	SAFETY VALVES	EA-180					
1PR5 *							
1PR6	PRESSURIZER	LIMITORQUE - SMB	↓	↓	PAGE 631	BASIS #1	
1PR7	RELIEF STOP VALVES	(LIMIT SWITCH INTERNAL TO MOTOR)					
2PR47	PRESSURIZER	MAROTTA MV22SC	↓	↓	PAGE 9	BASIS #4	
2PR48 (UNIT 2 ONLY)	RELIEF VALVES	(LIMIT SWITCH IN VALVE ASSEMBLY)					
		* TMI ACTION ITEM					Revision

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 11 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS	
	LIMIT SWITCH WIRES FOR VALVES	CABLE FROM GENERIC GROUPINGS	CONTAINMENT AND OTHER AREAS	LOCA / MSLB 271° / 350°F 43.2 / 42.8 PSIG < 5 x 10 ³ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT	
1PRZ55P-AT *	1PR1	↓	↓	↓	↓	↓	↓	
1PRZ55-AT *								
1PRZ56P-BT *	1PR2	↓	↓	↓	↓	↓	↓	
1PRZ56-BT *								
1A3YAC2P-AT	1PR6	↓	↓	↓	↓	↓	↓	
1A3YAC2-AT								
1B3YAJ2P-BT	1PR7	↓	↓	↓	↓	↓	↓	
1B3YAJ2-BT								
1PRZ160A-HT *	1PR3	↓	↓	↓	↓	↓	↓	
1PRZ160P-HT *								1PR4
1PRZ160-HT *								1PR5
2PRZ55PA-AT	2PR47	↓	↓	↓	↓	↓	↓	
2PRZ55P-AT								
2PRZ55-AT								
(UNIT 2 ONLY)								

* TMI ACTION ITEM

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 13 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
2PRZ56PA-BT 2PRZ56P -BT 2PRZ56 -BT (UNIT 2 ONLY)	LIMIT SWITCH WIRES FOR VALVES 2PR48	CABLE FROM GENERIC GROUPINGS ↓	CONTAINMENT AND OTHER AREAS ↓	LOCA / MSLB 271/350°F 43.2/42.8 PSIG $2.5 \times 10^7 R$ (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 14 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>ELECTRICAL CONNECTION FOR ASSOCIATED CABLES OF:</i>	<i>CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE</i>	<i>CONTAINMENT AND ELEC. PEN.</i>	<i>LOCA / MSLB 271/350°F 43.2 / 42.8 PSIG 2.5 x 10⁻⁷R (CONTAINMENT ONLY)</i>	<i>PAGE 66</i>	<i>NONE</i>	<i>QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>PENETRATION 1-8 *</i>	<i>1 PR 2 2 PR 48 (UNIT 2 ONLY) 1 PR 7 SV-1199 (UNIT 1 ONLY)</i>						
<i>PENETRATION 1-14 *</i>	<i>1 PR 1 1 PR 3 1 PR 4 1 PR 5 1 PR 6 2 PR 47 (UNIT 2 ONLY) SV-1198 (UNIT 1 ONLY)</i>						

* THE ACTION ITEM

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 32

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 15 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS-
JN-139 (UNIT 1)* JN-147 (UNIT 2)*	1 PR 2 SV-1199 (UNIT 1 ONLY) 2 PR 48 (UNIT 2 ONLY)	BUCHANAN TERMINAL BLOCK MODEL 2B112N	CONFINEMENT ELEV. 130' TO 160'	LOCA/MSLB 271/350°F 43.2/42.8 PSIG <5x10 ⁷ R	PAGE C4	NONE	
JN-120 (UNIT 1)* JN-146 (UNIT 2)*	1 PR 1 SV-1198 (UNIT 1 ONLY) 2 PR 47 (UNIT 2 ONLY)	↓	↓	↓	↓	↓	
JN-839 (UNIT 2)	2 PR 47	↓	↓	↓	↓	↓	
JN-840 (UNIT 2)	2 PR 48	↓	↓	↓	↓	↓	
JX4 (UNIT 1)* JX39 (UNIT 2)*	1 PR 3 1 PR 4 1 PR 5	↓	↓	↓	↓	↓	
		* TMI ACTION ITEM					

SALEM GENERATING STATION
UNITS 1 AND 2
EQUIPMENT QUALIFICATION -
ENVIRONMENTAL

MASTER LIST
ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 16 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
		<i>INTENTIONALLY</i>	<i>LEFT</i>	<i>BLANK</i>			

Revision 1

SALEM GENERATING STATION
UNITS 1 AND 2
EQUIPMENT QUALIFICATION -
ENVIRONMENTAL

PAGE 34

MASTER LIST
ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM PRESSURIZER

SHEET 17 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
		<i>INTENTIONALLY</i>	<i>LEFT</i>	<i>BLANK</i>			

Revision I

SALEM GENERATING STATION
UNITS 1 AND 2
EQUIPMENT QUALIFICATION -
ENVIRONMENTAL

MASTER LIST
ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 35

SYSTEM PRESSURIZER

SHEET 18 OF 22

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
		<i>INTENTIONALLY</i>	<i>LEFT</i>	<i>BLANK</i>			

SALEM GENERATING STATION
UNITS 1 AND 2
EQUIPMENT QUALIFICATION -
ENVIRONMENTAL

MASTER LIST
ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 36

SYSTEM PRESSURIZER

SHEET 19 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
		<i>INTENTIONALLY</i>	<i>LEFT</i>	<i>BLANK</i>			

Revision 1

SALEM GENERATING STATION
UNITS 1 AND 2
EQUIPMENT QUALIFICATION -
ENVIRONMENTAL

MASTER LIST
ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 37

SYSTEM PRESSURIZED

SHEET 20 OF 22

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
		<i>INTENTIONALLY</i>	<i>LEFT</i>	<i>BLANK</i>			

Revision 1

SALEM GENERATING STATION
UNITS 1 AND 2
EQUIPMENT QUALIFICATION -
ENVIRONMENTAL

MASTER LIST
ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 38

SYSTEM PRESSURIZER

SHEET 21 OF 22

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
		<u>INTENTIONALLY</u>	<u>LEFT</u>	<u>BLANK</u>			

Revision 1

SALEM GENERATING STATION
UNITS 1 AND 2
EQUIPMENT QUALIFICATION -
ENVIRONMENTAL

MASTER LIST
ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 39

SYSTEM PRESSURIZER

SHEET 22 OF 22

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
		<u>INTENTIONALLY</u>	<u>LEFT</u>	<u>BLANK</u>			

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 2 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 445-B	ENCLOSURE FOR FA0101 AND ELECTRICAL CONNECTION FA0101/IMS64P-BQ	NEMA 12 INSTRUMENT ENCLOSURE PSEI DESIGN AND CABLE SPLICE RAYCHEM WCSF-N	CONTAINMENT	MSLB 350°F 42.8 PSIG. < 5X10 ⁷ R	PAGE 62 AND PAGE 65	NONE	
PANEL 445-A	ENCLOSURE FOR FA0687 AND ELECTRICAL CONNECTION FA0687/IMS59P-AR						
PANEL 445-D	ENCLOSURE FOR FA0104 AND ELECTRICAL CONNECTION FA0104/IMS98P-BQ						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 42

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 3 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 445-C	ENCLOSURE FOR FA 0690 AND ELECTRICAL CONNECTION FA 0690/IMS95P-AQ	NEMA 12 INSTRUMENT ENCLOSURE PSE39 DESIGN AND CABLE SPLICE RAYCHEM WCSF-N	CONTAINMENT	MSLB 350°F 42.8 PSIG. < 5x10 ⁷ R	PAGE 62 AND PAGE 65	NONE	
PANEL 445-F	ENCLOSURE FOR FA 0102 AND ELECTRICAL CONNECTION FA 0102/IMS112P-BQ						
PANEL 445-E	ENCLOSURE FOR FA 0688 AND ELECTRICAL CONNECTION FA 0688/IMS107P-AQ						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 4 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 445-H	ENCLOSURE FOR FA 0103 AND ELECTRICAL CONNECTION FA 0103/IMS124P-BQ	NEMA 12 INSTRUMENT ENCLOSURE PSE&S DESIGN AND CABLE SPLICE RAYCHEM WCF-N	CONTAINMENT	MSLB 350°F 42.8 PSIG. < 5X10 ⁷ R	PAGE 62 AND PAGE 65	NONE	
PANEL 445-G	ENCLOSURE FOR FA 0689 AND ELECTRICAL CONNECTION FA 0689/IMS121P-AQ						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 5 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRE FOR INSTRUMENT	INSTRUMENTATION CABLE FROM GENERIC GROUPINGS	CONTAINMENT	MSLB 350°F 42.8 PSIG. <5x10 ⁷ R	PAGES 67 THROUGH 73	BASIS #1	
1M564P-BQ	FA0101	↓	↓	↓	↓	↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1M564-BQ	FA0101	↓	ELECT. PENET. & OTHERS	N/A	↓	↓	
1M559P-AQ	FA0687	↓	↓	↓	↓	↓	
1M559-AQ	FA0687	↓	↓	↓	↓	↓	
1M598P-BQ	FA0104	↓	↓	↓	↓	↓	
1M598-BQ	FA0104	↓	↓	↓	↓	↓	
1M595P-AQ	FA0690	↓	↓	↓	↓	↓	
1M595-AQ	FA0690	↓	↓	↓	↓	↓	
1M5112P-BQ	FA0102	↓	↓	↓	↓	↓	
1M5112-BQ	FA0102	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 6 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRE FOR INSTRUMENT	INSTRUMENTATION CABLE FROM GENERIC GROUPINGS	CONTAINMENT	MSLB 350°F 42.8 PSIA. < 5x10 ⁷ R	PAGE 67 THROUGH 73	BASIS #1	
1MS107P-AQ	FA0688	↓			↓	↓	
1MS107-AQ	FA0688		ELECT. PENET. & OTHERS	N/A			CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1MS124P-BQ	FA0103		↓		↓	↓	
1MS124-BQ	FA0103						
1MS121P-AQ	FA0689						
1MS121-AQ	FA0689						

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 46

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 7 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
LA0005 (LT-517)	#11 STM. GEN. WATER LEVEL NARROW RANGE	DIFFERENTIAL PRESSURE TRANSMITTER BARTON [764] A.C. UNIT 1 - LOT 2 UNIT 2 - LOT 1	CONTAINMENT (INSTR. PANEL)	LOCA/MSLB 271/350°F 43.2/42.0 PSIA. < 5X10 ⁻⁷ R	PAGE 12 PAGE 13	BASIS #2 BASIS #2	AMBIENT CONDITIONS- DEVICE EXPOSED TO LOWER TEMP. WITHIN PANEL
LA0006 (LT-518)							
LA0007 (LT-519)							
LA0009 (LT-501)	#11 STM. GEN. WATER LEVEL WIDE RANGE	DIFFERENTIAL PRESSURE TRANSMITTER BARTON 384			PAGE 14 (UNIT 1) PAGE 14A (UNIT 2)	BASIS #5	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 47

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 8 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 444-A	ENCLOSURE FOR LA0005 AND ELECTRICAL CONNECTION LA0005/IFW90P-DR	NEMA 12 INSTRUMENT ENCLOSURE PSESS DESIGN AND CABLE SPLICE RAYCHEM WCSF-N	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8 PSIG <5x10 ⁷ R	PAGE 62 AND PAGE 65	NONE	
PANEL 444-B	ENCLOSURE FOR LA0006 AND ELECTRICAL CONNECTION LA0006/IFW88P-CQ						
PANEL 444-C	ENCLOSURE FOR LA0007 AND ELECTRICAL CONNECTION LA0007/IFW86P-BQ						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 48

SYSTEM MAIN STEAM

SHEET 9 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 448-A	ENCLOSURE FOR LA-0009 AND ELECTRICAL CONNECTION LA-0009/IFW95P-CQ	NEMA 12 INSTRUMENT ENCLOSURE P.S.E 4G DESIGN AND TERMINAL BLOCK BUCHANAN MODEL 2B112N	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8 PSIG 2.5 x 10 ⁷ R	PAGE 62 AND PAGE 64	BASIS #14 NONE	PANEL WILL BE MODIFIED TO ACCEPT PRESSURE TRANSIENT

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 49

SYSTEM MAIN STEAM

SHEET 10 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRE FOR INSTRUMENT	CABLE FROM GENERIC GROUPINGS	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5 x 10 ⁷ R	PAGES 67 THROUGH 73	BASIS #1	
IFW90P-DQ	LA 0005		ELEC. PENET. & OTHERS	N/A			CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IFW90-DQ	LA 0005						
IFW88P-CQ	LA 0006						
IFW88-CQ	LA 0006						
IFW86P-BQ	LA 0007						
IFW86-BQ	LA 0007						
IFW95P-CQ	LA 0009						
IFW95-CQ	LA 0009						
IFW99-CQ	LA 0009						

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 11 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFICATION	OUTSTANDING ITEMS	REMARKS
LA 0011 (LT-527)	#12 STEAM GEN. WATER LEVEL NARROW RANGE	DIFFERENTIAL PRESSURE TRANSMITTER BARTON [764] A.C. UNIT 1 - LOT 2 UNIT 2 - LOT 1	CONTAINMENT (INSTR. PANEL)	LOCA/MSLB 271/360°F 43.2/42.8 PSIG < 5 x 10 ⁷ R	PAGE 12 PAGE 13	BASIS #2 BASIS #2	AMBIENT CONDITIONS DEVICE EXPOSED TO LOWER TEMP. WITHIN PANEL
LA 0012 (LT-528)	↓	↓	↓	↓	↓	↓	↓
LA 0013 (LT-529)	↓	↓	↓	↓	↓	↓	↓
LA 0015 (LT-502)	#12 STEAM GEN. WATER LEVEL WIDE RANGE	DIFFERENTIAL PRESSURE TRANSMITTER BARTON 384	↓	↓	PAGE 14 (UNIT 1) PAGE 14A (UNIT 2)	BASIS #5	Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 51

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 12 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 444-F	ENCLOSURE FOR LA 0011 AND ELECTRICAL CONNECTION LA0011/IFW111P-DQ	NEMA 12 INSTRUMENT ENCLOSURE P.S.E & G. DESIGN AND CABLE SPLICE RAYCHEM WCSF-N	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8 PSIG < 5 x 10 ⁷ R	PAGE 62 AND PAGE 65	NONE	
PANEL 444-E	ENCLOSURE FOR LA 0012 AND ELECTRICAL CONNECTION LA 0012/IFW110P-CQ	↓	↓	↓	↓	↓	
PANEL 444-D	ENCLOSURE FOR LA 0013 AND ELECTRICAL CONNECTION LA0013/IFW109P-AQ	↓	↓	↓	↓	↓	

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 52

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 13 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 448-B	ENCLOSURE FOR LA 0015 AND ELECTRICAL CONNECTION LA 0015/IFW96P-CQ	NEMA 12 INSTRUMENT ENCLOSURE P.S.E. #9 DESIGN AND TERMINAL BLOCK BUCHANAN MODEL-281K2N	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8 PSIG < 5 x 10 ⁷ R	PAGE 62 AND PAGE 64	BASIS #14 NONE	PANEL WILL BE MODIFIED TO ACCEPT PRESSURE TRANSIENT

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 14 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IFWIII P-DQ	SIGNAL WIRE FOR INSTRUMENT LA0011	CABLE FROM GENERIC GROUPINGS	CONTAINMENT	MSLB 271°/350°F 43.2/42.8PSIG < 5 x 10 ⁷ R	PAGES 67 THROUGH 73	BASIS #1	
IFWIII -DQ	LA0011	↓	ELECT. PENET. & OTHERS	N/A	↓	↓	CABLING QUALIFIED TO WORSE CASE ENVIRONMENT
IFWIIOP-CQ	LA0012	↓	↓	↓	↓	↓	↓
IFWII0-CQ	LA0012	↓	↓	↓	↓	↓	↓
IFWIO9P-AQ	LA0013	↓	↓	↓	↓	↓	↓
IFWIO9-AQ	LA0013	↓	↓	↓	↓	↓	↓
IFW96P-CQ	LA0015	↓	↓	↓	↓	↓	↓
IFW96-CQ	LA0015	↓	↓	↓	↓	↓	↓
IFW99-CQ	LA0015	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROL EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 15 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
LA 0017 (LT-537)	#13 STEAM GEN. WATER LEVEL NARROW RANGE	DIFFERENTIAL PRESSURE TRANSMITTER BARTON [764] A.C UNIT 1 - LOT 2 UNIT 2 - LOT 1	CONTAINMENT (INSTR. PANEL)	LOCA/MSLB 271/350°F 43.2/42.8 PSIA < 5 x 10 ⁷ R			AMBIENT CONDITIONS DEVICE EXPOSED TO LOWER TEMP WITHIN PANEL
LA 0018 (LT-538)	↓	↓	↓	↓	PAGE 12	BASIS # 2	↓
LA 0019 (LT-539)	↓	↓	↓	↓	PAGE 13	BASIS # 2	↓
LA 0021 (LT-503)	#13 STEAM GEN. WATER LEVEL WIDE RANGE	DIFFERENTIAL PRESSURE TRANSMITTER BARTON 384	↓	↓	PAGE 14 (UNIT 1) PAGE 14A (UNIT 2)	BASIS # 5	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 55

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 16 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 444-G	ENCLOSURE FOR LA0017 AND ELECTRICAL CONNECTION LA0017/IFW118P-DQ	NEMA 12 INSTRUMENT ENCLOSURE AND CABLE SPLICE RAYCHEM WCSF-N	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8 PSIG < 5 x 10 ⁷ R	PAGE 62 AND PAGE 65	NONE	
PANEL 444-H	ENCLOSURE FOR LA0018 AND ELECTRICAL CONNECTION LA0018/IFW117P-CQ	↓	↓	↓	↓	↓	
PANEL 444-J	ENCLOSURE FOR LA0019 AND ELECTRICAL CONNECTION LA0019/IFW115P-AQ	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 56

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 17 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 448-C	ENCLOSURE FOR LA0021 AND ELECTRICAL CONNECTION LA0021/IFW97A-CQ	NEMA 12 INSTRUMENT ENCLOSURE PSE & G DESIGN AND TERMINAL BLOCK BUCHANAN MODEL 2B112N	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8PSIG < 5X10' R	PAGE 62 PAGE 64	BASIS #14 NONE	PANEL WILL BE MODIFIED TO ACCEPT PRESSURE TRANSIENT

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 18 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRE FOR INSTRUMENT	CABLE FROM GENERIC GROUPINGS	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG $< 5 \times 10^{-7}$ R	PAGES 67 THROUGH 73	BASIS #1	
IFW118P-DQ	LA0017	↓	↓	↓	↓	↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IFW118 - DQ	LA0017	↓	ELEC. PENET. AND OTHERS	N/A	↓	↓	
IFW117P-CQ	LA0018	↓	↓	↓	↓	↓	
IFW117 -CQ	LA0018	↓	↓	↓	↓	↓	
IFW115P-AQ	LA0019	↓	↓	↓	↓	↓	
IFW115 -AQ	LA0019	↓	↓	↓	↓	↓	
IFW97P-CQ	LA0021	↓	↓	↓	↓	↓	
IFW97 -CQ	LA0021	↓	↓	↓	↓	↓	
IFW99 -CQ	LA0021	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 58

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 19 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITMS	REMARKS		
LA0023 (LT-547)	*14 STEAM GEN. WATER LEVEL NARROW RANGE	DIFFERENTIAL PRESSURE TRANSMITTER BARTON [764] A.C. UNIT 1 - LOT 2 UNIT 2 - LOT 1	CONTAINMENT (INSTR. PANEL)	LOCA/MSLB 271/350°F 43.2/42.8 PSIG <5 X 10 ⁷ R	PAGE 12	BASIS #2	AMBIENT CONDITIONS DEVICE EXPOSED TO LOWER TEMP. WITHIN PANEL		
								PAGE 13	BASIS #2
LA0024 (LT-548)									
LA0025 (LT-549)									
LA0027 (LT-504)	*14 STEAM GEN. WATER LEVEL WIDE RANGE	DIFFERENTIAL PRESSURE TRANSMITTER BARTON 384			PAGE 14 (UNIT 1) PAGE 14A (UNIT 2)	BASIS #5			

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 20 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 444-M	ENCLOSURE FOR LA 0023 AND ELECTRICAL CONNECTION LA0023/FW126P-DQ	NEMA 12 INSTRUMENT ENCLOSURE PSE&G DESIGN AND CABLE SPLICE RAYCHEM WESF-N	CONTAINMENT	LOCA/MSLB 271/3SD'F 43.2/42.8/314 65X107R	PAGE 62 AND PAGE 65	NONE	
PANEL 444-L	ENCLOSURE FOR LA 0024 AND ELECTRICAL CONNECTION LA0024/FW125P-CQ						
PANEL 444-K	ENCLOSURE FOR LA 0025 AND ELECTRICAL CONNECTION LA0025/FW124P-BQ						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 60

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 21 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 448-D	ENCLOSURE FOR LA 0027 AND ELECTRICAL CONNECTION LA0027/IFW98P-CQ	NEMA 12 INSTRUMENT ENCLOSURE PSE/9 DESIGN AND TERMINAL BLOCK BUCHANAN MODEL 2B112N	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8 PSIG. <5x10 ⁷ R	PAGE 62 AND PAGE 64	BASIS #14 NONE	PANEL WILL BE MODIFIED TO ACCEPT PRESSURE TRANSIENT

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 61

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 22 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1FW126P-DQ	SIGNAL WIRE FOR INSTRUMENT LA0023	CABLE FROM GENERK GROUPINGS	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8 PSIG L5X10'R	PAGES 67 THROUGH 73	BASIS #1	
1FW126-DQ	LA0023		ELEC. PENET. & OTHERS	N/A			CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1FW125P-CQ	LA0024						
1FW125-CQ	LA0024						
1FW124P-BQ	LA0025						
1FW124-BQ	LA0026						
1FW98P-CQ	LA0027						
1FW98-CQ	LA0027						
1FW99-CQ	LA0027						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 23 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
E/P	CONTROL FOR STEAM ATMOSPHERIC RELIEF VALVES	ELECTRIC/PNEUMATIC CONTROLLER		MSLB	PAGE 15	BASIS #6	PREVIOUSLY ADDRESSED IN LER 79-58
	11MS10	FISCHER-GOVERNOR TYPE 546	INBOARD PEN. (INSTR. PANEL)	320°F 5.8 PSIG < 105 R	↓		
	12MS10	↓	OUTBOARD PEN. (INSTR. PANEL)	↓	↓		
	13MS10	↓	INBOARD PEN. (INSTR. PANEL)	↓	↓		
14MS10	↓	↓	OUTBOARD PEN. (INSTR. PANEL)	↓	↓		

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 63

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 24 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PA0667 (PT-516)	#11 STEAM PRESSURE ↓	PRESSURE TRANSMITTER ROSEMOUNT 1153AGA ↓	INBOARD PEN (INSTA PWR) ↓	MSLB 320°F 5.8 PSIG <105R ↓	PAGE 16 (UNIT 1) PAGE 16A (UNIT 2) ↓	BASIS #1 ↓	AMBIENT CONDITIONS DEVICE EXPOSED TO LOWER TEMP. WITHIN PANEL ↓
PA0671 (PT-514)							
PA0734 (PT-515)							
PAB593 (PT-516A)	#11 STEAM ATMOSPHERIC VALVE CONTROL	PRESSURE TRANSMITTER FISCHER-PORTER [50EP104] AC			PAGE 17 (UNIT 1) PAGE 17A (UNIT 2)	BASIS #6 BASIS #1	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 64

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 25 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 684-A	ENCLOSURE FOR PA0667, AND PA8593 AND E/P (IMS10) AND ELECTRICAL CONNECTIONS PA0667/IMS68A-DQ PA8593/IMS281-AQ E/P (IMS10)/IMS08A-DQ	NEMA 12 INSTRUMENT ENCLOSURE PSE & G DESIGN AND TERMINAL BLOCK BUCHANAN MODEL 2B112N	INBOARD PEN. ↓	MSLB 320°F 5.8 PSIG < 10 ⁵ R ↓	PAGE 62 AND PAGE 64 ↓	NONE ↓	
PANEL 685-A	ENCLOSURE FOR PA0671 AND ELECTRICAL CONNECTION PA0671/IMS58-AQ	↓	↓	↓	↓	↓	
PANEL 686-A	ENCLOSURE FOR PA0734 AND ELECTRICAL CONNECTION PA0734/IMS62-BQ	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 65

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 26 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JN-666	ELECTRICAL CONNECTION IMS108A-DQ/IMS108-DQ IMS68A-DQ/IMS68-DQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE&G DESIGN WITH BUCHANAN BLOCK (S) MODEL 2B112N	INBOARD PEN. ↓	MSLB 320°F 5.8 PSIG <10 ⁵ R	PAGE 64 ↓	NONE ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 66

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 27 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IMS68A-DQ	SIGNAL WIRE FOR INSTRUMENT PA0667	CABLE FROM GENERIC GROUPINGS	INBOARD PEN.	MSLB 320°F 5.8 PSIG <10 ⁵ R	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IMS68-DQ	PA0667	↓	↓	↓	↓	↓	↓
IMS58-AQ	PA0671	↓	↓	↓	↓	↓	↓
IMS62-BQ	PA0734	↓	↓	↓	↓	↓	↓
IMS281-AQ	PA8593	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 67

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 28 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PA0670 (PT-526)	#12 STEAM PRESSURE	PRESSURE TRANSMITTER ROSEMOUNT 1153AGA	OUTBOARD PAN (INSTR. PANEL)	MSLB 820 F 5.8 PSIG L105R	PAGE 16 (UNIT 1) PAGE 16A (UNIT 2)	BASIS #1	AMBIENT CONDITIONS DEVICE EXPOSED TO LOWER TEMP. WITHIN PANEL
PA0674 (PT-524)	↓	↓	↓	↓	↓	↓	↓
PA0736 (PT-525)	↓	↓	↓	↓	↓	↓	↓
PA8596 (PT-526A)	#12 STEAM ATMOSPHERIC VALVE CONTROL	PRESSURE TRANSMITTER FISHER-PORTER [508P1041] AC	↓	↓	PAGE 17 (UNIT 1) PAGE 17A (UNIT 2)	BASIS #6 BASIS #1	

Revision
 Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 68

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 29 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 684-B	ENCLOSURE FOR PA 0670, PA 8596 AND E/P (12MS10) AND ELECTRICAL CONNECTION PA 0670/IMS91-CQ PA 8596/IMS2868-BQ E/P(12MS10)IMS94-CQ	NEMA 12 INSTRUMENT ENCLOSURE P.S.E. & G. DESIGN AND TERMINAL BLOCK BUCHANAN MODEL 2B/12N	OUTBOARD PEN	MSLB 320°F 5.8 PSIG. < 105R	PAGE 62 AND PAGE 64	NONE	
PANEL 685-B	ENCLOSURE FOR PA 0674 AND ELECTRICAL CONNECTION PA 0674/IMS 88-AQ	↓	↓	↓	↓	↓	
PANEL 686-B	ENCLOSURE FOR PA 0736 AND ELECTRICAL CONNECTION PA 0736/IMS90-BQ	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 30 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JT-629 (UNIT 1) JT-631 (UNIT 2)	ELECTRICAL CONNECTION IMS 2868-BQ/ /IMS 286A-BQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) P.S.E.G. DESIGN WITH BUCHANAN BLOCK(S) MODEL 2B112N	OUTBOARD PEN	M5LB 320°F 5.8 PSIG. L 105R	PAGE 64	NONE	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 70

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 31 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRE FOR INSTRUMENT	CABLE FROM GENERIC GROUPINGS	OUTBOARD PEN	MSLB 320°F 5.8 PSIG. < 10 ⁵ R	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1MS91-CQ	PA 0670	↓	↓	↓	↓	↓	↓
1MS88-AQ	PA 0674	↓	↓	↓	↓	↓	↓
1MS90-BQ	PA 0736	↓	↓	↓	↓	↓	↓
1MS286B-BQ	PA 8596	↓	↓	↓	↓	↓	↓
1MS286A-BQ	PA 8596	↓	↓	↓	↓	↓	↓
1MS286-BQ	PA 8596	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 32 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PA 0668 (PT-536)	# 19 STEAM PRESSURE	PRESSURE TRANSMITTER ROSEMOUNT 1153 AGR	INBOARD PEN (INST. PANEL)	MSLB 320°F 5.8 PSIA < 105R	PAGE 16 (UNIT 1) PAGE 16A (UNIT 2)	BASIS #1	AMBIENT CONDITIONS DEVICE EXPOSED TO LOWER TEMP. WITHIN PANEL
PA 0670 (PT-534)	↓	↓	↓	↓	↓	↓	↓
PA 0738 (PT-535)	↓	↓	↓	↓	↓	↓	↓
PA 8594 (PT-536A)	# 19 STEAM ATMOSPHERIC VALVE CONTROL	PRESSURE TRANSMITTER FISHER PORTER [506P1041]AC	↓	↓	PAGE 17 (UNIT 1) PAGE 17A (UNIT 2)	BASIS # 6 BASIS #1	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 33 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 684-C	ENCLOSURE FOR PA 0668, PA 8594 AND E/P (13MS10) AND ELECTRICAL CONNECTION PA 0668/IMS 104-CQ PA 8594/IMS 290-CQ E/P (13MS10) IMS 106-CQ	NEMA 12 INSTRUMENT ENCLOSURE P.S.E. & G. DESIGN AND TERMINAL BLOCK BUCHANAN MODEL 78112N	INBOARD PEN ↓	MSLB 380°F 5.8 PSIG 210°E ↓	PAGE 62 AND PAGE 64 ↓	NONE ↓	
PANEL 685-C	ENCLOSURE FOR PA 0672 AND ELECTRICAL CONNECTION PA 0672/IMS 101-AQ	↓	↓	↓	↓	↓	
PANEL 686-C	ENCLOSURE FOR PA 0738 AND ELECTRICAL CONNECTION PA 0738/IMS 103-BQ	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 34 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>SIGNAL WIRE FOR INSTRUMENT</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>INBOARD PEN</i>	<i>MSLB 320°F 5.8 PSIG. L105R</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>IMS104-CQ</i>	<i>PA 0668</i>	↓	↓	↓	↓	↓	↓
<i>IMS101-AQ</i>	<i>PA 0672</i>	↓	↓	↓	↓	↓	↓
<i>IMS103-BQ</i>	<i>PA 0738</i>	↓	↓	↓	↓	↓	↓
<i>IMS290-CQ</i>	<i>PA 8594</i>	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 35 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PA 0669 (PT-546)	#1A STEAM PRESSURE	PRESSURE TRANSMITTER ROSEMOUNT 1153 AGA	OUTBOARD PAN (INSTR. PANEL)	MSLB 320°F 5.8 PSIG. < 105R	PAGE 16 (UNIT 2) PAGE 16A (UNIT 2)	BASIS #1	AMBIENT CONDITIONS DEVICE EXPOSED TO LOWER TEMP. WITHIN PANEL
PA 0678 (PT-544)	↓	↓	↓	↓	↓	↓	↓
PA 0740 (PT-545)							
PA 8595 (PT-546A)	#1A STEAM ATMOSPHERIC VALVE CONTROL	PRESSURE TRANSMITTER FISHER PETER [50EP104]AC			PAGE 17 (UNIT 2) PAGE 17A (UNIT 2)	BASIS # 6 BASIS #1	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 36 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 684-D	ENCLOSURE FOR PA0669, PA8595 AND E/P (14MS10) AND ELECTRICAL CONNECTION PA0669/IMS119-DQ PA8595/IMS292B-DQ E/P(14MS10)/IMS120-DQ	NEMA 12 INSTRUMENT ENCLOSURE PSE&G DESIGN AND TERMINAL BLOCK BUCHANAN MODEL 2BR N	OUTBOARD PBN	M5LB 320°F 5.8 PSIG <105R	PAGE 62 AND PAGE 64	NONE NONE	
PANEL 685-D	ENCLOSURE FOR PA0673 AND ELECTRICAL CONNECTION PA0673/IMS115-AQ						
PANEL 686-D	ENCLOSURE FOR PA0740 AND ELECTRICAL CONNECTION PA0740/IMS117-BQ						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 76

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 37 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>IMS119-DQ</i>	<i>SIGNAL WIRE FOR INSTRUMENT PA0669</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>OUTBOARD PEN</i>	<i>M3LB 320°F 5.8 PSIG <10⁵R</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>IMS115-AQ</i>	<i>PA0673</i>						
<i>IMS117-BQ</i>	<i>PA0740</i>						
<i>IMS292B-DQ</i>	<i>PA8595</i>						
<i>IMS292A-DQ</i>	<i>PA8595</i>						
<i>IMS292-DQ</i>	<i>PA8595</i>						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 38 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1MS108A-DQ	CONTROL WIRE FOR E/P FOR VALVE 11MS10	CABLE FROM GENERIC GROUPINGS	INBOARD PEN.	MSLB 320°F 5.8PSIG <10 ⁵ R	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1MS108-DQ	11MS10	↓		↓	↓		↓
1MS94-CQ	12MS10		OUTBOARD PEN.				
1MS106-CQ	13MS10		INBOARD PEN.				
1MS120-DQ	14MS10	↓	OUTBOARD PEN.	↓	↓		↓

Revision 1

BALEN GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 39 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0269	PILOT VALVE CONTROL FOR 11MS7 #11 STEAM DRAIN ISOLATION	SOLENOID VALVE ASCO NT8321A2 (UNIT 2) ASCONP-8321A2E (UNIT 1)	IN BOARD PEN. (INSTR PANEL)	MSLB 220°F 5.8 PSIG 210°R	PAGE 18 (UNIT 2) PAGE 18A (UNIT 1)	BASIS #B-A	AMBIENT CONDITION DEVICE EXPOSED TO LOWER TEMP. WITHIN PANEL SHORT TERM OPERATE
SV0274	PILOT VALVE CONTROL FOR 11MS169 #11 STEAM STOP VALVE ISOLATION	ASCONP8321A4E (UNIT 1) FT8321A4 (UNIT 2)	↓	↓	PAGE 41 (UNIT 1) PAGE 41A (UNIT 2)	BASIS #B-B	↓
SV0275	PILOT VALVE CONTROL FOR 11MS171 #11 STEAM STOP VALVE ISOLATION	↓	↓	↓	↓	↓	↓
SV0587	PILOT VALVE CONTROL FOR 11MS18 #11 STEAM WARM UP ISOLATION	ASCO NV202-302-1F (UNIT 2) ASCONP-8321A2E (UNIT 1)	IN BOARD PEN.	↓	PAGE 40 (UNIT 2) PAGE 18A (UNIT 1)	BASIS #B-C	SHORT TERM OPERATE

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 40 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 683-1A	ENCLOSURE FOR SVO 269 SVO 587 (UNIT 1) AND ELECTRICAL CONNECTION SVO 269 SVO 587 IMS 308-CT / IMS 231-CT IMS 210-CT / IMS 209-CT	NEMA 12 INSTRUMENT ENCLOSURE PSE&G DESIGN AND TERMINAL BLOCK BUCHANAN 28112N	IN BOARD PEN.	MSLB 320°F 5.8 PSIA L 10-R	PAGE 62 AND PAGE 64	NONE	
PANEL 689-1A	ENCLOSURE FOR SVO 274 AND ELECTRICAL CONNECTION SVO 274 / IMS 232-CT						
PANEL 688-1A	ENCLOSURE FOR SVO 275 AND ELECTRICAL CONNECTION SVO 275 / IMS 249-DT						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 80

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 41 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IMS231-CT	CONTROL/SIGNAL WIRE FOR: SV0269 SV0587 L.SW. IIMS7 L.SW. IIMS18	CABLE FROM GENERIC GROUPINGS	ELEC. PENET. & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IMS232-CT	CONTROL WIRE FOR SOLENOID VALVE SV0274						
IMS249-DT	SV0275						
IMS308-CT	SV0587						

Revision 7

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 42 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0279	PILOT VALVE CONTROL FOR 12M57 #12 STEAM DRAIN ISOLATION	SOLENOID VALVE ASCO NT8321A2 (UNIT 2) ASCONP-8321A2E (UNIT 1)	OUTBOARD PEN. (INSTR. PANEL)	M5LB 320°F 6.8 PSIG < 10 ⁵ R	PAGE 1B (UNIT 2) PAGE 18A (UNIT 1)	BASIS #B-A	AMBIENT CONDITIONS DEVICE EXPOSED TO LOWER TEMP. WITHIN PANEL SHORT TERM OPENING
SV0280	PILOT VALVE CONTROL FOR 12M5163 #12 STEAM STOP VALVE ISOLATION	ASCO FT8321A4 (UNIT 2) NP8321A4E (UNIT 1)	↓	↓	PAGE 41A (UNIT 2) PAGE 41 (UNIT 1)	BASIS #B-B	↓
SV0281	PILOT VALVE CONTROL FOR 12M5171 #12 STEAM STOP VALVE ISOLATION	↓	↓	↓	↓	↓	↓
SV0581	PILOT VALVE CONTROL FOR 12M518 #12 STEAM WARMUP ISOLATION	ASCO 4V202-302-1F (UNIT 2) ASCONP-8321A2E (UNIT 1)	OUTBOARD PEN.	↓	PAGE 40 (UNIT 2) PAGE 18A (UNIT 1)	BASIS #B-C	SHORT TERM OPENING Revision 2 Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 82

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 43 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 683-1B	ENCLOSURE FOR SVO 279 SVO 581 (UNIT 1) AND ELECTRICAL CONNECTION SVO 279 SVO 581 IMS 309-CT IMS 214-CT / IMS 283-CT IMS 218-CT	NEMA 12 INSTRUMENT ENCLOSURE AND TERMINAL BLOCK(S) BUCHANAN 2B112N	IN BOARD PEN.	MSLB 320°F 5.8 PSIG 1105R	PAGE 62 AND PAGE 64	NONE	
PANEL 689-1B	ENCLOSURE FOR SVO 280 AND ELECTRICAL CONNECTION SVO 280 / IMS 212B-CT						
PANEL 688-1B	ENCLOSURE FOR SVO 281 AND ELECTRICAL CONNECTION SVO 281 / IMS 213B-DT						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 44 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1M5238-CT	CONTROL/SIGNAL WIRE FOR SV0279 SV0581 L.SW.12MS7 L.SW.12MS18	CABLE FROM GENERIC GROUPINGS	ELEC. PENET. { OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1M5212B-CT	CONTROL WIRE FOR SOLENOID VALVE SV0280						
1M5213B-DT	SV0281						
1M5309-CT	SV0581						

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 84

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 45 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0278	PILOT VALVE CONTROL FOR 13MS7 #13 STEAM DRAIN ISOLATION	SOLENOID VALVE ASCO HT8321A2 (UNIT 2) ASCONP-8321A2E (UNIT 1)	IN BOARD PEN. (INSTR. PANEL)	MSLB 320°F 5.8 PSIG < 10°R	PAGE 18 (UNIT 2) PAGE 18A (UNIT 1)	BASIS 8-A	AMBIENT CONDITIONS DEVICE EXPOSED TO LOWER TEMP. WITHIN PANEL SHORT TERM OPERATION
SV0270	PILOT VALVE CONTROL FOR 13MS169 #13 STEAM STOP VALVE ISOLATION	ASCO FT8321A4 (UNIT 2) NP-8321A4E (UNIT 1)	↓	↓	PAGE 41A (UNIT 2) PAGE 41 (UNIT 1)	BASIS 8-B	↓
SV0271	PILOT VALVE CONTROL FOR 13MS171 #13 STEAM STOP VALVE ISOLATION	↓	↓	↓	↓	↓	↓
SV0385	PILOT VALVE CONTROL FOR 13MS18 #13 STEAM WARMUP ISOLATION	ASCO HV202-302-1F (UNIT 2) ASCO NP-8321A2E (UNIT 1)	IN BOARD PEN.	↓	PAGE 40 (UNIT 2) PAGE 18A (UNIT 1)	BASIS 8-C	SHORT TERM OPERATION

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 85

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 46 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 683-1C	ENCLOSURE FOR SVO27B	NEMA 12 INSTRUMENT ENCLOSURE PSE&O DESIGN AND	IN BOARD PEN.	MSLB 320°F 5.8 PSIG < 10 ⁵ R	PAGE 62	NONE	
	AND ELECTRICAL CONNECTIONS SVO27B IMS310-DT / IMS206-DT / IMS247-DT IMS203-DT	TERMINAL BLOCK BUCHANAN MODEL 2B2N			AND PAGE 64		
PANEL 689-1C	ENCLOSURE FOR SVO270						
	AND ELECTRICAL CONNECTION SVO270 / IMS248-CT						
PANEL 688-1C	ENCLOSURE FOR SVO271						
	AND ELECTRICAL CONNECTION SVO271 / IMS233-DT						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 86

SYSTEM MAIN STEAM

SHEET 47 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1MS 247-DT	CONTROL/SIGNAL WIRE FOR SV 0278 SV 0585 L.S.W. 13MS7 L.S.W. 13MS18	CABLE FROM GENERIC GROUPINGS	ELEC. PEN. & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1MS 248-CT	CONTROL WIRE FOR SOLENOID SV 0270	↓	↓	↓	↓	↓	↓
1MS 233-DT	SV 0271	↓	↓	↓	↓	↓	↓
1MS 310-DT	SV 0585	↓	↓	↓	↓	↓	↓

Revision 1

BALEN GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 87

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 18 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0288	PILOT VALVE CONTROL FOR 14MS7 #14 STEAM DRAIN ISOLATION	SOLENOID VALVE ASCO HT8321A2 (UNIT 2) ASCO NP-8321A2E (UNIT 1)	OUT BOARD PEN (INSTR. PANEL)	MSLB 320°F 5.8PSIG < 10 ⁵ R	PAGE 1B (UNIT 2) PAGE 1BA (UNIT 1)	BASIS B-A	AMBIENT CONDITIONS DEVICE EXPOSED TO LOWER TEMP. WITHIN PANEL SHORT TERM OPERATION
SV0284	PILOT VALVE CONTROL FOR 14MS169 #14 STEAM STOP VALVE ISOLATION	ASCO FT8321A4 (UNIT 2) NP-8321A4E (UNIT 1)	↓	↓	PAGE 41 (UNIT 1) PAGE 41A (UNIT 2)	BASIS B-B	↓
SV0285	PILOT VALVE CONTROL FOR 14MS171 #14 STEAM STOP VALVE ISOLATION	↓	↓	↓	↓	↓	↓
SV0583	PILOT VALVE CONTROL FOR 14MS18 #14 STEAM WARMUP ISOLATION	ASCO HV 202-302-1F (UNIT 2) ASCO NP-8321A2E (UNIT 1)	OUTBOARD PEN	↓	PAGE 40 (UNIT 2) PAGE 1BA (UNIT 1)	BASIS B-C	SHORT TERM OPERATION

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 88

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 49 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 683-ID	ENCLOSURE FOR SV0288	NEMA 12 INSTRUMENT ENCLOSURE PSE&G DESIGN	IN BOARD PER	MSLB 320°F 5.8 PSIG < 10%R	PAGE 62 AND	NONE	
	AND ELECTRICAL CONNECTION SV0288 IM5311-DT IM5211-DT IM5215-DT/IM5253-DT	AND TERMINAL BLOCK BUCHANAN MODEL 2BI12N	↓	↓	PAGE 64 ↓	↓	
PANEL 689-ID	ENCLOSURE FOR SV0284 AND ELECTRICAL CONNECTION SV0284/IMS212C-CT	↓	↓	↓	↓	↓	
PANEL 688-ID	ENCLOSURE FOR SV0285 AND ELECTRICAL CONNECTION SV0285/IMS213C-DT	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 89

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 50 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1MS253-DT	CONTROL/SIGNAL WIRE FOR SV0288 SV0583 L. SW. 14M57 L. SW. 14M518	CABLE FROM GENERIC GROUPINGS	ELEC. PEN. & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1MS212C-CT	CONTROL WIRE FOR SOLENOID SV0284	↓	↓	↓	↓	↓	↓
1MS213C-DT	SV0285	↓	↓	↓	↓	↓	↓
1MS311-DT	SV0583	↓	↓	↓	↓	↓	↓

Revised

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 51 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
P.A.T. 21	CONTROL FOR VALVE 21 MS 18	LEEDS & NORTHROP # 10973-3	INBOARD PEN.	MSLB 320°F 5.8 PSIG L10°R	PAGE 19	NONE	QUALIFICATION NOT REQ'D
P.A.T. 22	22 MS 18	↓	OUT BOARD PEN.	↓	↓	↓	↓
P.A.T. 23	23 MS 18	↓	INBOARD PEN.	↓	↓	↓	↓
P.A.T. 24	24 MS 18 (UNIT 2 ONLY)	↓	OUT BOARD PEN.	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 91

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 52 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
UNIT 1 ONLY	CONTROL/POSITION INDICATION FOR VALVE 11M37 #11 STEAM DRAIN ISOLATION	LIMIT SWITCH NAMCO EA-180	INBOARD PEN.	MSLB 320°F 5.8 PSIG < 10 ⁵ R	PAGE 20 PAGE 20A	BASIS ^o 10-A	
UNIT 2 ONLY	CONTROL/POSITION INDICATION FOR VALVE 11M38 #11 STEAM WARMUP ISOLATION	LIMIT SWITCH MASON EILAN 4962			PAGE 20B	BASIS ^o 10-B	
	POSITION INDICATION FOR VALVE 21M38 #11 STEAM WARMUP ISOLATION						
	POSITION INDICATION FOR #11 STEAM ATMOSPHERIC RELIEF VALVE 11M310						

Revision 2
 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 53 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IMS210-CT	CONTROL/SIGNAL WIRE FOR L. SW. IIMS7	CABLE FROM GENERIC GROUPINGS	ELEC. PENET. & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLE QUALIFIED TO WORST CASE ENVIRONMENT
IMS209-CT	L. SW. IIMS18	↓	↓	↓	↓	↓	↓
IMS170-DT	L. SW. IIMS10	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 95

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 54 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
UNIT #1 ONLY	CONTROL/POSITION INDICATION FOR VALVE 12MS7 #12 STEAM DRAIN ISOLATION	LIMIT SWITCH NAMCO EA-180	OUTBOARD PER.	MSLB 320°F 5.8 PSIG. <10°F	PAGE 20 PAGE 20A	BASIS #10-A ↓	
	CONTROL/POSITION INDICATION FOR VALVE 12MS18 #12 STEAM WARM-UP ISOLATION	↓	↓	↓	↓	↓	
UNIT #2 ONLY	POSITION INDICATION FOR VALVE 22MS18 #22 STEAM WARM-UP ISOLATION	LIMIT SWITCH MASON E LAN 496-2	↓	↓	PAGE 20B	BASIS #10-B ↓	
	POSITION INDICATION FOR VALVE 12MS10 #12 STEAM ATMOSPHERIC RELIEF	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 94

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 55 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/SIGNAL WIRE FOR	CABLE FROM GENERIC GROUPINGS	ELEC. PENET. & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLE QUALIFIED TO WORST CASE ENVIRONMENT
IMS 214-CT	L. SW. 12M57	↓	↓	↓	↓	↓	↓
IMS 218-CT	L. SW. 12M518	↓	↓	↓	↓	↓	↓
IMS 171-CT	L. SW. 12M510	↓	↓	↓	↓	↓	↓

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 25

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 56 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVE 13NS7 #18 STEAM DRAIN ISOLATION	LIMIT SWITCH NAMCO EA-180	INBOARD PEN	MSLB 320°F 3.8 PSIG L105R	PAGE 20 PAGE 20A	BASIS #10-A ↓	
UNIT #1 ONLY	CONTROL/POSITION INDICATION FOR VALVE 13NS18 #18 STEAM WARM-UP ISOLATION	↓	↓	↓	↓	↓	
UNIT #2 ONLY	POSITION INDICATION FOR VALVE 23NS18 #23 STEAM WARM-UP ISOLATION	LIMIT SWITCH MOSONBILAN 496-2	↓	↓	PAGE 20B ↓	BASIS #10-B ↓	
	POSITION INDICATION FOR VALVE 13NS10 #19 STEAM ATMOSPHERIC RELEASE	↓	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 57 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>CONTROL/SIGNAL WIRE FOR</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>ELEC. PENET. & OTHERS</i>	<i>N/A</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLE QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>IMS 206-DT</i>	<i>L. Sw. 13MS7</i>	↓	↓	↓	↓	↓	↓
<i>IMS 203-DT</i>	<i>L. Sw. 13MS18</i>	↓	↓	↓	↓	↓	↓
<i>IMS 172-CT</i>	<i>L. Sw. 13MS10</i>	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND EXPECTED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 58 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFICATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVE 14MS7 #14 STEAM DRAIN ISOLATION	LIMIT SWITCH NAMCO EA-180	OUTBOARD PAN	MSLB 38°F 5.8 PSIG L105R	PAGE 20 PAGE 20A	BASIS #10-A	
UNIT #1 ONLY	CONTROL/POSITION INDICATION FOR VALVE 14MS18 #14 STEAM WARM-UP ISOLATION		"				
UNIT #2 ONLY	POSITION INDICATION FOR VALVE 24MS18 #24 STEAM WARM-UP ISOLATION	LIMIT SWITCH: MASON ILLAN 496-2			PAGE 20B	BASIS #10-B	
	POSITION INDICATION FOR VALVE 14MS10 #14 STEAM ATMOSPHERIC RELIEF						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 59 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>CONTROL/SIGNAL WIRE FOR</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>ELEC. PENET. & OTHERS</i>	<i>N/A</i>	<i>PAGES 69 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLE QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>IMS 211-DT</i>	<i>L. SW. 14M57</i>	↓	↓	↓	↓	↓	↓
<i>IMS 215-DT</i>	<i>L. SW. 14M518</i>	↓	↓	↓	↓	↓	↓
<i>IMS 173-DT</i>	<i>L. SW. 14M510</i>	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROL EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 60 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POSITION INDICATION FOR STEAM STOP ISOLATION VALVES	LIMIT SWITCH NAMCO EA-180		MSLB 320°F 5.8 PSIA L105R	PAGE 20A	BASIS #10-B	
	11 MS167	↓	INBOARD PEN.	↓	↓	↓	
	13 MS167	↓	INBOARD PEN.	↓	↓	↓	
	12 MS167	↓	OUTBOARD PEN.	↓	↓	↓	
	14 MS167	↓	OUTBOARD PEN.	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 61 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JN-80 (UNIT 1) JN-89 (UNIT 2)	ELECTRICAL CONNECTION IMS204A-CT/ IMS204B-CT/ /IMS204-CT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE&S DESIGN WITH BUCHANAN BLOCK(S) MODEL 2B112N	IN BOARD PEN.	MSLB 320F 5.8 PSIG. <105R	PAGE 64	NONE	
JN-83 (UNIT 1) JN-92 (UNIT 2)	IMS207A-DT/ IMS207B-DT/ /IMS207-DT	↓	↓	↓	↓	↓	
JN-81 (UNIT 1) JN-90 (UNIT 2)	IMS208A-CT/ IMS208B-CT/ /IMS208-CT	↓	↓	↓	↓	↓	
JN-82 (UNIT 1) JN-91 (UNIT 2)	IMS205A-DT/ IMS205B-DT/ /IMS205-DT	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 101

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 62 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JN-84 (UNIT 1) JN-96 (UNIT 2)	ELECTRICAL CONNECTION IMS212E-CT/ IMS212G-CT/ /IMS212A-CT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE & G DESIGN WITH BUCHANAN BLOCK(S) MODEL 2B112N	OUT BOARD PEN	MSLB 320°F 5.8 PSIG. <105 R	PAGE 64	NONE	
JN-86 (UNIT 1) JN-94 (UNIT 2)	IMS213E-DT/ IMS213G-DT/ /IMS213A-DT	↓	↓	↓	↓	↓	
JN-85 (UNIT 1) JN-95 (UNIT 2)	IMS212F-CT/ IMS212H-CT/ /IMS212D-CT	↓	↓	↓	↓	↓	
JN-87 (UNIT 1) JN-97 (UNIT 2)	IMS213F-DT/ IMS213H-DT/ /IMS213D-DT	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 102

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 63 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
JT-342 (UNIT #1) JT-376 (UNIT #2)	ELECTRICAL CONNECTION IMS213A-DT/ IMS213D-DT/ IMS213-DT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) - BUCHANAN MODEL 2B112N	OUTBOARD PEN. ↓	MSLB 320°F 5.8 PSIG. <105R ↓	PAGE 64 ↓	NONE ↓	
JT-343 (UNIT #1) JT-377 (UNIT #2)	IMS212A-CT/ IMS212D-CT/ IMS212-CT	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 64 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1MS204A-CT 1MS204B-CT 1MS204-CT	SIGNAL WIRE FOR LIMIT SWITCH FOR 11MS167 CH.C	CABLE FROM GENERIC GROUPINGS	ELECT. PENET. & OTHERS	N/A	PAGE 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1MS207A-DT 1MS207B-DT 1MS207-DT	CH.D						
1MS208A-CT 1MS208B-CT 1MS208-CT	13MS167 CH.C						
1MS205A-DT 1MS205B-DT 1MS205-DT	CH.D						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS.

SYSTEM MAIN STEAM

SHEET 65 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IMS212E-CT IMS212G-CT IMS212A-CT IMS213E-DT IMS213G-DT IMS213A-DT IMS212F-CT IMS212H-CT IMS212D-CT IMS213F-DT IMS213H-DT IMS213D-DT IMS212-CT IMS213-DT	SIGNAL WIRE FOR LIMIT SWITCH FOR 12MS167 CH.C CH.D 13MS167 CH.C CH.D 12 & 13MS167 CH.C CH.D	CABLE FROM GENERIC GROUPINGS <hr/>	ELECT. PENET. & OTHERS <hr/>	N/A <hr/>	PAGE 67 THROUGH 73 <hr/>	BASIS #1 <hr/>	CABLING QUALIFIED TO WORST CASE ENVIRONMENT <hr/>

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 66 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
CMC SWITCH	CONTROL FOR 11MS167	MICRO SWITCH 910P9D533 ↓	INBOARD PEN.	MSLB 320°F 5,8 PSIG. <105 R ↓	PAGE 21 ↓	BAYS #11 ↓	
	12MS167		OUTBOARD PEN.				
	13MS167		INBOARD PEN.				
	14MS167		OUTBOARD PEN.				

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 67 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 687-A	ENCLOSURE FOR CMC FOR 11MS167 AND ELECTRICAL CONNECTIONS CMC SW/ /1MS236-BT /1MS237-BT	NEMA 12 INSTRUMENT ENCLOSURE HOFFMAN A-16 1208 LP CINCH JONES TERMINAL BLOCK (S)	INBOARD PEN.	MSLB 320°F 5.8 PSI4. ≤105R	PAGE 62 AND PAGE 22	BASIS #11	
PANEL 687-B	ENCLOSURE FOR CMC FOR 12MS167 ELECTRICAL CONNECTIONS CMC SW/ /1MS246-BT /1MS261-BT		OUTBOARD PEN.				

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 107

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 68 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 687-C	ENCLOSURE FOR CMC FOR 13MS167 AND ELECTRICAL CONNECTIONS CMC SW/ /IMS251-CT /IMS260-CT	NEMA 12 INSTRUMENT ENCLOSURE HOFFMAN A-161208 LP CINCH JONES TERMINAL BLOCK(S)	INBOARD PEN.	MSLB 320°F 5.8 PSIG. <10 5 R	PAGE 62 AND PAGE 22	BASIS #11	
PANEL 687-D	ENCLOSURE FOR CMC FOR 14MS167 AND ELECTRICAL CONNECTIONS CMC SW/ /IMS256E-CT /IMS257-CT		OUTBOARD PEN.				

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 108

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 69 OF 70

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JT-341 (UNIT 1) JT-350 (UNIT 2)	ELECTRICAL CONNECTIONS IMS256E-CT/IMS256-CT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE & G DESIGN BUCHANAN BLOCK MODEL 2B112N	INBOARD PENET. AREA 100'	MSLB 320° F 5.8 PSIG <105 R	PAGE 64	NONE	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN STEAM

SHEET 70 OF 70

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IMS237 - BT	CONTROL WIRES FOR VALVES: 11MS167	CABLES FROM GENERIC GROUPINGS ↓	INBOARD PEN.	N/A ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
IMS246 - BT	12MS167		OUTBOARD PEN.				
IMS260 - CT	13MS167		INBOARD PEN.				
IMS256 - CT	14MS167		OUTBOARD PEN.				
IMS256E-CT	14MS167		↓				

Revision

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 110

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN FEEDWATER

SHEET 1 OF 2

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
B EAST VALVE CONTROL CENTER	POWER/CONTROL FOR VALVES 11BF13 12BF13 F.W.ISOL.STOP VALVES	MOTOR CONTROL CENTER GENERAL ELECTRIC 7T00 LINE ↓	ELECT.PENET. ↓	RECIRC. L 105 R ↓	PAGE 74 (UNIT 1) PAGE 74A (UNIT 2) ↓	BASIS 7 ↓	
C EAST VALVE CONTROL CENTER	POWER/CONTROL FOR VALVES 13BF13 AND 14BF13 F.W.ISOL.STOP VALVES	↓	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 111

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MAIN FEEDWATER

SHEET 2 OF 2

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1B3YAM-B	POWER FEED FOR VALVE 11BF13	POWER CABLE FROM GENERIC GROUPINGS	ELECT. PENET. AND OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE CONDITIONS
1B3YAN-B	↓ 12BF13	↓	↓	↓	↓	↓	↓
1C3YAT-C	↓ 13BF13	↓	↓	↓	↓	↓	↓
1C3YAU-C	↓ 14BF13	↓	↓	↓	↓	↓	↓
1B3YAM2-BT	MISC. CONTROL - LIMIT/TORQUE SWITCHES FOR VALVES 11BF13 AND 12BF13	CONTROL CABLE FROM GENERIC GROUPINGS	↓	↓	↓	↓	↓
1C3YAT2-CT	↓ 13BF13 AND 14BF13	↓	↓	↓	↓	↓	↓

Revision 1

BALEN GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY FEEDWATER

SHEET 1 OF 6

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
FA 1087	#11 SG AUX FEEDWATER FLOW	DIFFERENTIAL PRESSURE TRANSMITTER FISCHER - PORTER [1082495] A.C	INBOARD PEN.	MSLB 320°F 5.8 PSIG < 10 ⁵ R	PAGE 23 (UNIT 1)	BASIS #12 BASIS #1	
FA 1091	#12		OUTBOARD PEN.				
FA 1095	#13		MECH. PEN. 78 (INSTR. PANEL)	NEBA 212°F 1 PSIG < 5x10 ⁴ R	PAGE 24 (UNIT 1)		AMBIENT CONDITIONS DEVICE EXPOSED TO LOWER TEMP. WITHIN PANEL
FA 1097	#14		OUTBOARD PEN.	MSLB 320°F 5.8 PSIG < 10 ⁵ R	PAGE 23 (UNIT 1)		

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 113

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY FEEDWATER

SHEET 2 OF 6

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
FA 3969	#11 SG AUX. FEEDWATER FLOW	SQUARE ROOT EXTRACTOR FISCHER - PORTER 50E53212 WITH A CUTLER-HAMMER DOUBLE POLE SINGLE THROW CUTOFF SWITCH	INBOARD PEN. (INSTR. PANEL)	MSLB 320°F 5.8 PSIG <10 ⁵ R	PAGE 25	BASIS #12	
FA 3970	#12		OUTBOARD PEN. (INSTR. PANEL)				
FA 3971	#13		MECH. PEN. 7B (INSTR. PANEL)	HEBA 212°F 1 PSIG <5x10 ⁷ R	PAGE 26		
FA 3972	#14		OUTBOARD PEN. (INSTR. PANEL)	MSLB 320°F 5.8 PSIG <10 ⁵ R	PAGE 25		

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY FEEDWATER

SHEET 3 OF 6

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 691-C	ENCLOSURE FOR FA 3969	NENA 12 INSTRUMENT ENCLOSURE PSE & G DESIGN	INBOARD PEN.	MSLB 320°F 5.8 PSIG L105R	PAGE 62	NONE	
	AND	AND	↓		AND	↓	
	ELECTRICAL CONNECTION 1FW300A-BQ/FA 3969 FA 3969/1FW300-BQ CHSW/18VAC20A-BT FA 1087/1FW300A-BQ	TERMINAL BLOCK BUCHANAN MODEL 2B112N	↓		PAGE 64		
PANEL 691-A	ENCLOSURE FOR FA 3970		OUTBOARD PEN.				
	AND		↓				
	ELECTRICAL CONNECTION 1FW301A-BQ/FA 3970 FA 3970/1FW301-BQ CHSW/18VAC20B-BT FA 1091/1FW301A-BQ		↓				

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY FEEDWATER

SHEET 4 OF 6

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 690	ENCLOSURE FOR FA 1095, FA 3971 WITH INTERNAL WIRE CONNECTION AND ELECTRICAL CONNECTION FA 3971/IFW 302-AQ CHSW/IAVAC 30A-AT	NEMA 12 INSTRUMENT ENCLOSURE PSE&G DESIGN AND TERMINAL BLOCK - BUCHANAN MODEL 2B112N	MECH. PEN. 7B ↓	HEBA 212°F 1 PSIG L5X10 ⁷ R	PAGE 62 AND PAGE 64	NONE ↓	
PANEL 691-B	ENCLOSURE FOR FA 3972 AND ELECTRICAL CONNECTION IFW 303A-AQ/FA 3972 FA 3972/IFW 303-AQ CHSW/IAVAC 30B-AT FA 1097/IFW 303A-AQ	↓	OUTBOARD PEN. ↓	MSLB 320°F 5.8 PSIG L10 ⁵ R	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY FEEDWATER

SHEET 5 OF 6

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1FW300A-BQ	SIGNAL WIRE FOR INSTRUMENTS FA 1087	INSTRUMENTATION CABLE FROM GENERIC GROUPINGS	INBOARD PEN. & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1FW301A-BQ	FA 1091		OUTBOARD PEN. & OTHERS				
1FW303A-AQ	FA 1097		↓				
1FW300-BQ	FA 3969		INBOARD PEN. & OTHERS				
1FW301-BQ	FA 3970		OUTBOARD PEN. & OTHERS				
1FW302-AQ	FA 3971		MECH. PEN. & OTHERS				
1FW303-AQ	FA 3972		OUTBOARD PEN. & OTHERS				

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY FEEDWATER

SHEET 6 OF 6

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1BVAC20A-BT	POWER WIRE FOR CUTLER-HAMMER SWITCH ASSOCIATED WITH: FA3969	POWER CABLE FROM GENERIC GROUPINGS ↓	INBOARD PEN. & OTHERS	N/A ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
1BVAC20B-BT	FA3970		OUTBOARD PEN. & OTHERS				
1AVAC30A-AT	FA3971		MECH. PEN. & OTHERS				
1AVAC30B-AT	FA3972		OUTBOARD PEN. & OTHERS				

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 118

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING/LETDOWN

SHEET 1 OF 14

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV 0117	PILOT VALVE CONTROL FOR 18J78 BIT TO BAT'S ISOLATION VALVE	SOLENOID VALVE ASCO FT8B1654 (UNIT 2) NF 881654E (UNIT 1)	MECH. PEN-78 (INSTR. RACK)	HEBA 212°F 1PSIG < 5X10 ⁻⁷ R	PAGE 57 (UNIT 1) PAGE 57A (UNIT 2)	BASIS 25	
SV 0118	PILOT VALVE CONTROL FOR 18J79 BIT TO BAT'S ISOLATION VALVE						
SV 0119	PILOT VALVE CONTROL FOR 18J108 D.A. TRANSFER PUMPS TO BIT ISOLATION VALVE						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING/LETDOWN

SHEET 2 OF 14

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
FA-7462 (FT-917)	CHARGING FLOW To BIT	FISCHER-PORTER [10B2496] A.C ΔP TRANSMITTER	AUX. BLDG. 84' (WSTR. RACK)	RECIRC. <10 ⁵ R	PAGE 59 PAGE 59A (UNIT D) PAGE 59B (UNIT Z)	BASIS #27 BASIS #1	
PT-942	BIT DISCH. PRESS.	FISCHER-PORTER [50EP1041] A.C PRESSURE TRANSMITTER	MECH. PEN. 78' (WSTR. RACK)	HEBA 212°F 1 PSIG <5X10 ³ R	PAGE 51	BASIS #21 BASIS #1	

Revision 2

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING/LETDOWN

SHEET 3 OF 14

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
15I11-AQ	CONTROL/SIGNAL WIRE FOR PT-942	CABLE FROM GENERIC GROUPINGS	MECH. PEN. 78' & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
15I126-BQ	FA-7462	↓	↓	↓	↓	↓	↓
15I20-BT	SV0117 + SV0119	↓	↓	↓	↓	↓	↓
15I23-BT	SV0118	↓	↓	↓	↓	↓	↓
15I20A-BT	LIMIT SW. FOR 15J78 (SV0117)	↓	↓	↓	↓	↓	↓
15I20B-BT	LIMIT SW. FOR 15J108 (SV0119)	↓	↓	↓	↓	↓	↓
15I23A-CT	LIMIT SW. FOR 15J79 (SV0118)	↓	↓	↓	↓	↓	↓

REVISION 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING/LETDOWN

SHEET 4 OF 14

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
LIMIT SWITCHES FOR VALVES	CONTROL AND/OR POSITION INDICATION	NAMCO EA-1B0 (UNIT-1) EA 170-11302 (UNIT-2)	MECH. PEN. 78'	HEBA 212°F 1 PSIG. < 5x10 ⁻² R	PAGE 56 (UNIT 1) PAGE 90 (UNIT 2)	BASIS #26	
15J78 25J78	BORON INJECTION TANK TO BORIC ACID TRANSFER PUMPS ISOLATION VALVE ↓	↓	↓	↓	↓	↓	
15J79 25J79	↓	↓	↓	↓	↓	↓	
15J108 25J108	BORON INJECTION TANK TO BORIC ACID TANK ISOLATION VALVE						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING/LETDOWN

SHEET 5 OF 14

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 215	SV0117 SV0118 SV0119 PT-942 ELECTRICAL CONNECTIONS	INSTRUMENT RACK PSE & G DESIGN TERMINAL BLOCKS BUCHANAN MODEL 2B112N	MECH. PEN. 78' ↓	HEBA 212°F 1PSIG <5X10 ⁷ R ↓	PAGE 62 AND PAGE 64 ↓	NONE ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING/LETDOWN

SHEET 6 OF 14

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 219	FA-7462 AND ELECTRICAL CONNECTION FA-7462/ISI26-BQ	INSTRUMENT RACK PSE&G DESIGN TERMINAL BLOCK BUCHANAN MODEL 2B112N	AUX. BLDG. 84	RECIRC. < 10 ⁵ R	PAGE 62 PAGE 64	NONE ↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 124

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING / LETDOWN

SHEET 7 OF 14

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1SJ1 1SJ2	MOTOR OPERATED VALVES RWST SUCTION (CHG. PUMPS)	VALVE MOTORS LIMITORQUE SMB-00-10	AUX. BLDG. 84'	RECIRC. $10^3 R$ (SHORT TERM)	PAGE 63-1 PAGE 65-2	BASIS #1	
1SJ4 1SJ5	SUPPLY BIT	SMB-0-15	MECH. PEN 78'	HEBA 212°F 1PSIG 5X10 ⁷ R	↓	↓	
1SJ12 1SJ13	DISCHARGE BIT	SMB-0-15	MECH. PEN 78'	HEBA 212°F 1PSIG 5X10 ⁷ R			
12SJ45	RHR DISCH. TO CHG. PUMPS SUCTION	SMB-2	AUX. BLDG. 84'	RECIRC. 5X10 ⁷ R (SHORT TERM)			
1CV68 1CV69	CHARGING ISOLATION VALVES	SMB-00-25	MECH. PEN. 78'	HEBA 212°F 1PSIG 5X10 ⁷ R (SHORT TERM)			
1CV139 1CV140	11+12 CHG. PUMPS RECIRC. TO SEAL WTR HX ISOLATION VALVES	SMB-00-25	AUX. BLDG. 84'	RECIRC. 2.5X10 ⁷ R			
1CV175	RAPID BORATE ISOLATION VALVE	SMB-00-25	AUX. BLDG. 100'	RECIRC. $10^3 R$			

Revision 2

SALEM GENERATING STATION
UNITS 1 AND 2
EQUIPMENT QUALIFICATION -
ENVIRONMENTAL

PAGE 125

MASTER LIST
ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING / LETDOWN

SHEET 8 OF 14

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1CV40 1CV41	MOTOR OPERATED VALVES NORMAL CHARGING SUCTION VALVES	VALVE MOTORS LIMITORQUE SMB-00	Aux. BLDG 100'	RECIPE < 10 ³ R	PAGE 63-1 PAGE 63-2	BASIS #1	CLOSE IN SHORT TERM. Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 126

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING/LETDOWN

SHEET 9 OF 14

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
11 CHARGING Pump	MOTOR	WESTINGHOUSE OPEN DRIP PROOF, HORIZONTAL	AUX. BLDG. 84'	RECIRC. 2X10 ⁶ R	PAGE 27	NONE	
12 CHARGING Pump		(W) SPIN#PNJCSAPCH (UNIT 2) (W) SPIN#PSECSAPCH (UNIT 1)					

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 127

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING/LETDOWN

SHEET 10 OF 14

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POWER CABLES FOR VALVE MOTORS	CABLE FROM GENERK GROUPINGS	ELECT. PEN. MECH. PEN. AND OTHERS	N/A	PAGE 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1B3YBP-B	1CV60						
1C3YAJ-C	1CV69						
1B3YBQ-B	1CV139						
1C3YB4-C	1CV140						
1C3YBK-C	1CV40						
1B3YBV-B	1CV41						
1C3YBD-C	1SJ1						
1B3YBA-B	1SJ2						
1B3YBF-B	1SJ4						
1C3YAB-C	1SJ5						
1C3YAC-C	1SJ13						
1B3YB4-B	1SJ12						
1C3YBH-C	1CV175						
1B3YBB-B	12SJ45						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 128

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING/LETDOWN

SHEET 11 OF 14

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVES	CABLE FROM GENERIC GROUPINGS	MECH. PEN. AND OTHERS	N/A	PAGE 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1C3YBD2-CT	1SJ1	↓	↓	↓	↓	↓	↓
1B3YBA2-BT	1SJ2	↓	↓	↓	↓	↓	↓
1B3YBB2-BT	12SJ45	↓	↓	↓	↓	↓	↓
1B3YF2-BT	1SJ4	↓	↓	↓	↓	↓	↓
1C3YAB2-CT	1SJ5	↓	↓	↓	↓	↓	↓
1C3YAC2-CT	1SJ13	↓	↓	↓	↓	↓	↓
1B3YB42-BT	1SJ12	↓	↓	↓	↓	↓	↓
1C3YBM2-CT	1CV175	↓	↓	↓	↓	↓	↓
1B3YBP2-BT	1CV68	↓	↓	↓	↓	↓	↓
1C3YAJ2-CT	1CV69	↓	↓	↓	↓	↓	↓
1B3YBQ2-BT	1CV139	↓	↓	↓	↓	↓	↓
1C3YB42-CT	1CV140	↓	↓	↓	↓	↓	↓
1C3YBK2-CT	1CV40	↓	↓	↓	↓	↓	↓
1C3YBV2-BT	1CV41	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING/LETDOWN

SHEET 13 OF 14

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1B9D-B	PUMP MOTOR POWER CABLES 11 CHARGING PUMP	CABLE FROM GENERIC Groupings	AUX. BLDG. 84', 64', 100'	N/A	PAGE 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1C9D-C	12 CHARGING PUMP	↓	↓	↓	↓	↓	↓
1A7X-A	13 CHARGING PUMP	↓	↓	↓	↓	↓	↓
1A11X-A	11 B.A. TRANSFER PUMP	↓	↓	↓	↓	↓	↓
1C11X-C	12 B.A. TRANSFER PUMP	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING / LETDOWN

SHEET 14 OF 14

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>POWER/CONTROL FOR VALVES</i>	<i>MOTOR CONTROL CENTER GENERAL ELECTRIC 7700 LINE</i>	<i>ELEC. PEN. 78'</i>	<i>RECIEC. < 10⁵R</i>	<i>PAGE 74 (UNIT 1) PAGE 74A (UNIT 2)</i>	<i>BASIS #7</i>	
<i>1C EAST MOTOR CONTROL CENTER</i>	<i>1CV69 15J5 15J13</i>	↓	↓	↓	↓	↓	
<i>1B WEST MOTOR CONTROL CENTER</i>	<i>1CV68 1CV139 1CV41 15J2 15J4 15J12 12SJ45</i>	↓	<i>AUX. BLDG. 84'</i>	<i>RECIEC. < 10³R</i>	↓	<i>NONE</i>	
<i>1C WEST MOTOR CONTROL CENTER</i>	<i>1CV140 15J1 1CV175 1CV40</i>	↓	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 131A

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CHARGING / LETDOWN

SHEET 14A OF 14A

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
#11 BORIC ACID TRANSFER PUMP #12 BORIC ACID TRANSFER PUMP	MOTOR ↓	WESTINGHOUSE OPEN DRIP PROOF, HORIZONTAL (UNIT 1) SPIN PSE CSAPBA-01(1) PSE CSAPBA-02(2) (UNIT 2) SPIN PNJ CASPBA-01(2) PNJ CASPBA-02(2)	AUX. BLDG. EL. 100'-0" ↓	RECIRC. ∠ 10 ³ R ↓	PG. 104 ↓	SEC XII ↓	
	HEAT TRACING TAPE FOR RAPID BORATE LINE FROM B.A. TRANSFER PUMPS TO CHARGING PUMPS.	CHEMELEX CAT. No. 10PTV	AUX. BLDG. EL. 100'/84'-0"	RECIRC. ∠ 2.0x10 ⁶ R	PG 105	NONE	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 1 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
11 S.I. PUMP MOTOR	MOTOR ↓	WESTINGHOUSE (BUFFALO) Ⓜ SPIN*PNJ-SIAPSI (UNIT 2)	AUX. BLDG-84 ↓	RECIRC. ← 5X10 ⁶ R ↓	PAGE 28 ↓	NONE ↓	
12 S.I. PUMP MOTOR	↓	Ⓜ SPIN*PSE-SIAPSI (UNIT 1)	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 2 OF 18

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A5D-A 1C5D-C	POWER CABLE FOR 11 S.I. PUMP 12 S.I. PUMP	CABLE FROM GENERIC GROUPINGS ↓	AUX. BLDG. 84 ↓	N/A ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT ↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 194

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 3 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
11SJ113	S.I. SYSTEM INTERTIE WITH CHARGING SYSTEM	MOTOR OPERATED VALVE LIMITORQUE SMB	AUX. BLDG.-84	RECIRC. <10 ³ R	PAGE 63-1 PAGE 63-2	BASIS #1	
12SJ113	↓	↓	↓	↓	↓	↓	
18J30	S.I. PUMPS SUCTION FROM RWST	↓	↓	RECIRC. <5X10 ⁶ R SHORT TERM	↓	↓	
11SJ45	12 S.I. PUMP SUCTION FROM 11 RHR H.X.	LIMITORQUE SMB-2	↓	↓	↓	↓	
12SJ40	12 S.I. PUMP DISCH. TO HOT LEGS	LIMITORQUE SMB	MECH PEN-78	HEBA 212°F 1 PSIA <5X10 ⁷ R (LONG TERM)	↓	↓	
11SJ40	11 ↓	↓	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 4 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
11SJ134	11 S.I. PUMP DISCH. To COLD LEGS ISOLATION VALVES	MOTOR OPERATED VALVE LIMITORQUE SMB	MECH. PEN-78	HEBA 212°F 1 PSIG. < 5X10 ⁷ R (LONG TERM)	PAGE 03-1 PAGE 03-2	BASIS #1	
12SJ134	12						
18SJ135							

Revision 2

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 5 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A WEST MOTOR CONTROL CENTER	MOTOR CONTROL CENTER	GENERAL ELECTRIC 7700 LINE	AUX. BLDG. 84'	ESCIIRC. < 10 ⁵ R	PAGE 74 (UNIT 1) PAGE 74A (UNIT 2)	NONE	
1B WEST MOTOR CONTROL CENTER	↓	↓	↓	↓	↓	↓	
1C WEST MOTOR CONTROL CENTER	↓	↓	↓	↓	↓	↓	
1A EAST MOTOR CONTROL CENTER	↓	↓	ELEC. PAN. 78'	ESCIIRC. < 10 ⁵ R	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 6 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A3Y8J-A	CONTROL WIRE FOR VALVE 115J113	CABLE FROM GENERIC GROUPINGS	AIX. BLDG. 84'	N/A	PAGE 67 THROUGH 73	BASIS #1	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT
1B3YBY-B	125J113						
1C3YBA-C	15J30						
1A3YBB-A	115J45						
1C3YAF-C	125J40			MECH. PEN. 75'			
1A3YAL-A	115J40						
1A3YAQ-A	115J134						
1C3YAG-C	125J134						
1B3YBZE-B	15J135						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 7 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
FA 7464 (FT-918)	12 SAFETY INJECTION PUMP FLOW	DIFFERENTIAL PRESSURE TRANSMITTER FISHER-PORTER [1083496] A.C.	RUX. BLDG. 84' ↓	RECIRC. < 5X10 ⁶ R ↓	PAGE 59 PAGE 59A (UNIT 1) PAGE 59B (UNIT 2) ↓	BASIS #27 BASIS #1 ↓	
FA 0226 (FT-922)	11 SAFETY INJECTION PUMP FLOW	DIFFERENTIAL PRESSURE TRANSMITTER FISHER-PORTER [1083496] A.C.	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 8 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JS-505 (UNIT-1) JS-619 (UNIT-2)	ELECTRICAL CONNECTION FA7464/ /15I17A-CQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) P.S.E. & G. DESIGN WITH BUCHANAN BLOCK(S) MODEL 2B112N ↓	ADJ. BLDG. 84' ↓	REG. I.R.C. < 5X10 ⁶ R ↓	PAGE 64 ↓	NONE ↓	
JS-594 (UNIT-1) JS-618 (UNIT-2)	FA 0206/ /15IG-D9						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 9 OF 18

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PA 0227 (PT-923)	11&12 SAFETY INJECTION PUMPS DISCHARGE PRESSURE	PRESSURE TRANSMITTER FISCHER-PORTER [50EP1041] AC	AUX. BLDG. 84'	EBCIRC. $< 5 \times 10^2$ R	PAGE 51	BASIS #21 BASIS #1	
PA 7461 (PT-919)	12 SAFETY INJECTION PUMP DISCHARGE PRESSURE						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 141

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 10 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 202	ENCLOSURE FOR INSTRUMENTS PA 0227 PA 7461 AND ELECTRICAL CONNECTION 15I117A-CQ/ PA 7461 / 15I117-CQ 15I16A-DQ/ PA 0227 / 15I16-DQ	NEMA 12 INSTRUMENT ENCLOSURE P.S.E. & G. DESIGN ↓	AUX. BLDG. 84' ↓	RECIRC. < 5X10 ⁶ R ↓	PAGE 62 ↓	NONE ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 142

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 11 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRE FOR INSTRUMENT	CABLE FROM GENERIC GROUPINGS	AUX. BLDG. 84' & OTHERS	N/A	PAGE 67 THROUGH 73	BASIS #1	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT
15I117A-CQ	FA 7464	↓	↓	↓	↓	↓	↓
15I117-CQ	FA 7464	↓	↓	↓	↓	↓	↓
15I117-CQ	FA 7461	↓	↓	↓	↓	↓	↓
15I6A-DQ	FA 0226	↓	↓	↓	↓	↓	↓
15I6-DQ	FA 0226	↓	↓	↓	↓	↓	↓
15I6-DQ	FA 0227	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 143

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 12 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVE	LIMITORQUE LIMIT SWITCH INTERNAL TO MOTOR	AUX. BLDG. 84'	RBCIRC. < 10 ⁵ R LONG TERM	PAGE 631 PAGE 632	BASIS #1	
	115J113 SAFETY INJECTION SYSTEM INTERTIE WITH CHARGING SYSTEM	↓	↓	↓	↓	↓	
	125J113 SAFETY INJECTION SYSTEM INTERTIE WITH CHARGING SYSTEM	↓	↓	↓	↓	↓	
	15J30 SAFETY INJECTION PUMPS SUCTION FROM REFUELING WATER STORAGE TANK	↓	↓	RBCIRC. < 5X10 ⁶ R SHORT TERM	↓	↓	
	115J45 12 SAFETY INJECTION PUMP SUCTION FROM 11 RESIDUAL HEAT REMOVAL HEAT EXCHANGER	↓	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 144

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 13 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVE	LIMITORQUE LIMIT SWITCH INTERNAL TO MOTOR	MECH. PEN. 75'	NEBA 212°F 1PSIG L 5X10 ⁷ R LONG TERM	PAGE 63-1 PAGE 63-2	BASIS #1	
	185J40 12 SAFETY INJECTION PUMP DISCH. TO HOT LEGS	↓	↓	↓	↓	↓	
	115J40 11 SAFETY INJECTION PUMP DISCH. TO HOT LEGS	↓	↓	↓	↓	↓	
	115J134 11 SAFETY INJECTION PUMP DISCH. TO COLD LEGS	↓	↓	↓	↓	↓	
	125J134 12 SAFETY INJECTION PUMP DISCH. TO COLD LEGS	↓	↓	↓	↓	↓	
	15J135 SAFETY INJECTION PUMPS TO COLD LEGS	↓	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 14 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JN-669 (UNIT-1) JN-674 (UNIT-2)	ELECTRIC CONNECTION 1ANN606-FT 1ANN605-FT 1ANN609-FT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) P.S.E.G. DESIGN WITH BUCHANAN BLOCK(S) MODEL 2B12N ↓	MECH. PEN. 78' ↓	N/A ↓	PAGE 64 ↓	NONE ↓	QUALIFIED TO WORST CASE ENVIRONMENT ↓
JN-670 (UNIT-1) JN-673 (UNIT-2)	ELECTRIC CONNECTION 1ANN618-GT 1ANN617-GT 1ANN621-GT						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 15 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>1A3YBJ2-AT</i>	<i>CONTROL/SIGNAL WIRES FOR LIMIT SWITCH FOR VALVE 11SJ113</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>AUX. BLDG-84 & OTHERS</i>	<i>N/A</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLES QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>1A3YBQ2A-AT</i>	<i>11SJ113</i>	↓	↓	↓	↓	↓	↓
<i>1B3YBY2-BT</i>	<i>12SJ113</i>	↓	↓	↓	↓	↓	↓
<i>1B3YBY2A-BT</i>	<i>12SJ113</i>	↓	↓	↓	↓	↓	↓
<i>1C3YBA2-CT</i>	<i>15SJ30</i>	↓	↓	↓	↓	↓	↓
<i>1C3YBA2A-CT</i>	<i>15SJ30</i>	↓	↓	↓	↓	↓	↓
<i>1ANN494-CT</i>	<i>15SJ30</i>	↓	↓	↓	↓	↓	↓
<i>1ANN497-FT</i>	<i>15SJ30</i>	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 147

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 16 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>1A3YBB2-AT</i>	<i>CONTROL/SIGNAL WIRES FOR LIMIT SWITCH FOR VALVE 115J45</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>AUX. BLDG-84 & OTHERS</i>	<i>N/A</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLES QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>1A3YBA2A-AT</i>	<i>115J45</i>	↓	↓	↓	↓	↓	↓
<i>1C3YAF2-CT</i>	<i>125J40</i>	↓	<i>MECH. PEN-78 & OTHERS</i>	↓	↓	↓	↓
<i>1C3YBH2A-CT</i>	<i>125J40</i>	↓	↓	↓	↓	↓	↓
<i>1ANN606-FT</i>	<i>125J40</i>	↓	↓	↓	↓	↓	↓
<i>1ANN609-FT</i>	<i>125J40</i>	↓	↓	↓	↓	↓	↓
<i>1ANN618-GT</i>	<i>125J40</i>	↓	↓	↓	↓	↓	↓
<i>1ANN621-GT</i>	<i>125J40</i>	↓	↓	↓	↓	↓	↓

REVISION 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM SAFETY INJECTION

SHEET 18 OF 18

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1C3YAG2-CT	CONTROL / SIGNAL WIRES FOR LIMIT SWITCH FOR VALVE 12 SJ134	CABLE FROM GENERIC GROUPINGS	Mech. Pen: 78 & OTHERS	N/A	PAGES 67 THROUGH 78	BASIS #1	CABLES QUALIFIED TO WORST CASE ENVIRONMENT
1C3YBH2A-CT	12 SJ134	↓	↓	↓	↓		↓
1B3YBZE2-BT	15J135	↓	↓	↓	↓		↓
1B3YBJ2A-BT	15J135	↓	↓	↓	↓		↓
1ANN498-FT	15J135	↓	↓	↓	↓		↓
1ANN495-GT	15J135	↓	↓	↓	↓		↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 1 OF 83

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
11 RHR PUMP	MOTOR	WESTINGHOUSE (BUFFALO)	AUX. BLDG. - 45	RECIRC. (6x10 ⁶ R)	PAGE 29	NONE	
	↓	Ⓜ SPIN (UNIT 1) - PSE-ACAPRH Ⓜ SPIN (UNIT 2) - PMS-ACAPRH	↓	↓	↓	↓	
12 RHR PUMP	↓	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 151

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 2 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A7D-A	POWER CABLES FOR: 11 RHR PUMP MOTOR	CABLE FROM GENERIC GROUPINGS	AUX. BLDG. 45 & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORSE CASE ENVIRONMENT
1B7D-B	12 RHR PUMP MOTOR						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 152

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 3 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
11RH4	MOTORS FOR VALVES: 11 RHR PUMP SUCTION	MOTOR OPERATED VALVE LIMITORQUE SMOO	AUX. BLDG-55	RECIRC. LTX106R	PAGE 63-1 PAGE 63-2	BASIS #1	
12RH4	12 RHR PUMP SUCTION	↓	↓	↓	↓	↓	
11SJ44	11 PUMP SUCTION FROM SWMP	LIMITORQUE SMOB	AUX. BLDG-45	↓	↓	↓	
12SJ44	12 ↓	↓	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 4 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
11 5549	MOTORS FOR VALVES: 11 RHR PUMP DISCHARGE TO COLD LEGS	MOTOR OPERATED VALVE LIMITORQUE SMB-3-80	MECH. PEN-8	HEBA 212°F 1 PSIG < 5x10 ⁶ R	PAGE 631 PAGE 632	BASIS #1	
12 5549	↓	↓	↓	↓	↓	↓	
1 RH 26	RHR PUMPS DISCHARGE TO HOT LEGS	LIMITORQUE SMB	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 6x10 ⁷ R	↓	↓	
11 RH 29	11 RHR PUMP RECIRC.	LIMITORQUE SMB-0025	AUX. BLDG-45	< 6x10 ⁶ R	↓	↓	
12 RH 29	↓	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 5 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1 RH1	MOTORS FOR VALVES RHR PUMPS SUCTION FROM 11 HOT LEG	MOTOR OPERATED VALVE LIMITORQUE SMB-1	CONTAINMENT	MSLB 350°F 42.8 Psig < 105 R	PAGE 63- PAGE 63-2	BASIS #1	
1 RH2	↓	↓			↓	↓	
11 RH 19	11RHX CROSS DISCH.	LIMITORQUE SMB	AUX. BLDG-45	RECIRC. < 6x10 ⁶ R	↓	↓	
12 RH19	12 ↓	↓	↓		↓	↓	

Revision 2

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 155

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 6 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
1A WEST MOTOR CONTROL CENTER	POWER/CONTROL FOR VALVES 11RH29, 11ST44 11RH4, 11RH19	GENERAL ELECTRIC 7700 LINE	AUX. BLDG. 84'	RECIRC. $10^5 R$	PAGE 74 (UNIT 1) PAGE 74A (UNIT 2)	NONE	
1B WEST MOTOR CONTROL CENTER	12RH29, 12SJ49, 12SJ44, 12RH4, 12RH19						
1A EAST MOTOR CONTROL CENTER	1RH2, 11SJ49		ELEC. PEN.	RECIRC. $10^5 R$		BASIS 7	
1B EAST MOTOR CONTROL CENTER	1RH1						
1C EAST MOTOR CONTROL CENTER	1RH26						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 7 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
1A3YBFA	CONTROL WIRES FOR VALVES 11RH4	CABLE FROM GENERIC GROUPINGS	AUX. BLDG. - 55 & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1B3YBL-B	12RH4		↓				
1A3YBEP-A	11SJ44		AUX. BLDG. - 45 & OTHERS				
1A3YBE-A	11SJ44		↓				
1B3YBHP-B	12SJ44		↓				
1B3YBH-B	12SJ44		↓				
1A3YAH-A	11SJ44		MECH. PEN. - 78 & OTHERS				
1B3YBE-B	12SJ44	↓					

REVISION 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 157

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 8 OF 33

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
1C3YANP-C	CONTROL WIRES FOR VALVES 1RH26	CABLE FROM GENERIC GROUPINGS	CONTAINMENT AND OTHERS	LOCA / MSLB 271 / 350°F 43.2 / 42.8 PSIG < 5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1C3YAN-C	1RH26	↓	↓	↓	↓	↓	↓
1A3YBK-A	11RH29	↓	↓	↓	↓	↓	↓
1B3YBT-B	12RH29	↓	↓	↓	↓	↓	↓
1B3YANP-B	1RH1	↓	↓	↓	↓	↓	↓
1B3YAH-B	1RH1	↓	↓	↓	↓	↓	↓
1A3YAKP-A	1RH2	↓	↓	↓	↓	↓	↓
1A3YAK-A	1RH2	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 158

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 9 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>1A3YBU-A</i>	<i>CONTROL WIRES FOR VALVES</i>	<i>CABLE FROM GENERIC GROUPINGS</i> ↓	<i>AUX. BLDG. 45' & OTHERS</i> ↓	<i>N/A</i> ↓	<i>PAGES 67 THROUGH 73</i> ↓	<i>BASIS #1</i> ↓	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i> ↓
<i>1B3YBX-B</i>	<i>11RH19</i> <i>12RH19</i>						

REVISION 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 10 OF 33

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
E/P CONVERTER ↓ _____	CONTROL FOR VALVES 11RH20 11RH18 12RH18	E/P CONVERTER FISCHER-GOVERNOR 546 ↓ _____	AUX. BLDG. 45' ↓ _____	RECIRC. 26x10'R ↓ _____	PAGE 30 ↓ _____	BASIS #15 ↓ _____	

Revision r

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 11 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL WIRES FOR VALVES	CABLE FROM GENERIC GROUPINGS	AUX. BLDG. 45' & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1ACS36-DQ	1 RN 20	↓	↓	↓	↓	↓	↓
1ACS33-AQ	11 RN 18						
1ACS39-BQ	12 RN 18						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 161

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 12 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
FA 2569 (FIC-641A)	11 ENR PUMP RECIRC. Flow CONTROL	FLOW TRANSMITTER BARTON 289A	AUX. BLDG. 45'	RECIRC. < 6X10 ⁶ R	PAGE 31 (UNIT 1) PAGE 31F (UNIT 2)	BASIS #16 ↓	
FA 2481 (FIC-641B)	12 ENR PUMP RECIRC. Flow CONTROL	↓	↓	↓	↓	↓	
FA 0432 (FT-640)	RNR PUMPS DISCHARGE Flow To HOT LEGS	DIFFERENTIAL PRESSURE TRANSMITTER FISCHER-PORTER [1082495] AC	↓	↓	PAGE 58 (UNIT 1) PAGE 58A (UNIT 2)	BASIS #27 BASIS #1	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 13 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS	
FA 1416 (FT-956)	11 ENR DISCHARGE FLOW TO 11 1/2 COLD LEGS	DIFFERENTIAL PRESSURE TRANSMITTER FISCHER-PORTER [1082495] A,C	AVX. BLDG. 45'	RECIRC. L 6X106R	PAGE 58B (UNIT 1) PAGE 58A (UNIT 2)	BASIS #27 BASIS #1		
FA 1422 (FT-946)	11 ENR DISCHARGE FLOW TO 11 1/2 COLD LEGS	DIFFERENTIAL PRESSURE TRANSMITTER FISCHER-PORTER [1082496] A,C	↓	↓	PAGE 59 PAGE 59A (UNIT 1) PAGE 58B (UNIT 2)	↓		
FA 1423 (FT-947)	12 ENR DISCHARGE FLOW TO 12 1/2 COLD LEGS	↓			↓			
FA 1419 (FT-957)	12 ENR DISCHARGE FLOW TO 12 1/2 COLD LEGS	DIFFERENTIAL PRESSURE TRANSMITTER FISCHER-PORTER [1082495] A,C			↓		PAGE 58B (UNIT 1) PAGE 58A (UNIT 2)	↓

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 163

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 14 OF 33

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JS-586 (UNIT-1) JS-610 (UNIT-2)	ELECTRICAL CONNECTION FA 2569/ IACS29A-AT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK (3) P.S.E. & G. DESIGN WITH BUCHANAN BLOCKS, MODEL 2B112N	AUX. BLDG. 45' ↓	RECIB. 26x106R ↓	PAGE 64 ↓	BASIS #1 ↓	
JS-589 (UNIT-1) JS-613 (UNIT-2)	ELECTRICAL CONNECTION FA 2481/ IACS38A-BT	↓	↓	↓	↓	↓	

Revision 7

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 164

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 15 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 102	ENCLOSURE FOR E/P FOR VALVE 12EN18 AND ELECTRICAL CONNECTION E/P (12EN18) / IACS39-B9 / IACS32A-B7 / IACS38-B7 / IACS37A-B9 / IACS37-B9 / IACS83A-B9 / IACS83-B9 / IACS84A-B9 / IACS84-B9	2 BAY INSTRUMENT PANEL P.S.E.G. DESIGN AND BUCHANAN BLOCK(S) MODEL 2B112N ↓	AUX. BLDG. 45 ↓	RELIEF. < 6X10 ⁶ R ↓	PAGE 62 AND PAGE 64 ↓	NONE ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 165

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 16 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 101	ENCLOSURE FOR E/P'S FOR VALVES 1RH20 11RH18 ELECTRICAL CONNECTIONS E/P (1RH20) / IACS36-DQ E/P (11RH18) / IACS33-AQ IACS29A-AT/ / IACS29-AT IACS35A-AQ/ / IACS35-AQ IACSB1A:AQ/ / IACSB1-AQ	2 BAY INSTRUMENT PANEL PSE & G DESIGN AND BUCHANAN BLOCKS MODEL 2B112N	AUX. BLDG. 45	RECIRC. 26X106R	PAGE 62 AND PAGE 64	NONE	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 17 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>SIGNAL WIRE FOR INSTRUMENT</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>AUX. BLDG.-45 AND OTHERS</i>	<i>N/A</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>1ACS29A-AT</i>	<i>FA 2569</i>	↓	↓	↓	↓	↓	↓
<i>1ACS29-AT</i>	<i>FA 2569</i>	↓	↓	↓	↓	↓	↓
<i>1ACS38A-BT</i>	<i>FA 2481</i>	↓	↓	↓	↓	↓	↓
<i>1ACS38-BT</i>	<i>FA 2481</i>	↓	↓	↓	↓	↓	↓
<i>1ACS37A-AQ</i>	<i>FA 0432</i>	↓	↓	↓	↓	↓	↓
<i>1ACS37-AQ</i>	<i>FA 0432</i>	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 167

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 18 OF 33

REV. 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRE FOR INSTRUMENT	CABLE FROM GENERIC GROUPINGS	AUX. BLDG. 45 AND OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1ACS35A-AQ	FA 1416	↓	↓	↓	↓	↓	↓
1ACS35-AQ	FA 1416	↓	↓	↓	↓	↓	↓
1ACS81A-AQ	FA 1422	↓	↓	↓	↓	↓	↓
1ACS81-AQ	FA 1422	↓	↓	↓	↓	↓	↓
1ACS83A-BQ	FA 1423	↓	↓	↓	↓	↓	↓
1ACS83-BQ	FA 1423	↓	↓	↓	↓	↓	↓
1ACS84A-BQ	FA 1419	↓	↓	↓	↓	↓	↓
1ACS84-BQ	FA 1419	↓	↓	↓	↓	↓	↓

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 19 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
LIMIT SWITCH FOR VALVES	CONTROL/POSITION INDICATION FOR VALVE	LIMITORQUE SMB (LIMITSWITCH INTERNAL TO MOTOR)	AUX. BLDG-55 ↓	RECIRC. <7X10 ⁶ R	PAGE 631 PAGE 632	BASIS #1 ↓	
11RH4 12RH4	#11 & 12 RHR PUMP SUCTION VALVES	↓	AUX. BLDG-45 ↓		↓	↓	
11SJ44 12SJ44	CONTAINMENT SUMP SUCTION VALVES	↓	MECH. PEN-78 ↓	NEBA 212°F 1 PSIG <5X10 ⁶ R	↓	↓	
11SJ49 12SJ49	ISOLATION VALVES BETWEEN RHY'S AND COLD LEGS	↓	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5X10 ⁷ R	↓	↓	
1RH26	ISOLATION VALVE BETWEEN RHY'S AND HOT LEGS	↓					

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 162

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 20 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFICATION	OUTSTANDING ITEMS	REMARKS
LIMIT SWITCHES FOR VALVES	CONTROL/POSITION INDICATION FOR VALVE	LIMITORQUE SMB (LIMIT SWITCH INTERNAL TO MOTOR)	AUX. BLDG.-45	RECIRC. < 6 x 10 ⁶ R	PAGE 63-1 PAGE 63-2	BASIS #1	
11 RH 29 12 RH 23	11/12 RNX RECIRC. ISOLATION VALVES	↓	↓	↓	↓	↓	
1 RH 1 1 RH 2	RNR PUMPS SUCTION FROM HOT LEGS ISOLATION VALVES	↓	CONTAINMENT ↓	LOCA/MSLB 271°/350°F 432/42.8 PSIG < 5 x 10 ⁷ R	↓	↓	
11 RH 19 12 RH 19	RNX'S OUTLET CROSSCONNECT VALVES	↓	↓	↓	↓	↓	
1 RH 20	RNX'S BYPASS VALVE	↓	AUX. BLDG.-45	RECIRC < 6 x 10 ⁶ R	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 170

REVISION 1

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 21 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>CONTROL/INDICATION WIRE FOR LIMIT SWITCH FOR VALVE</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>AUX. BLDG.-55 AND OTHERS</i>	<i>N/A</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>1A3YBF2-AT</i>	<i>11RH4</i>	↓	↓	↓	↓	↓	↓
<i>1A3YBD2A-AT</i>	<i>11RH4</i>	↓	↓	↓	↓	↓	↓
<i>1B3YBL2-BT</i>	<i>12RH4</i>	↓	↓	↓	↓	↓	↓
<i>1B3YBN2A-BT</i>	<i>12RH4</i>	↓	↓	↓	↓	↓	↓
<i>1A3YBE2P-AT</i>	<i>11SJ44</i>	↓	<i>AUX. BLDG.-45 AND OTHERS</i>	↓	↓	↓	↓
<i>1A3YBE2-AT</i>	<i>11SJ44</i>	↓	↓	↓	↓	↓	↓
<i>1A3YBD2A-AT</i>	<i>11SJ44</i>	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 171

REVISION 1

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 22 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>1ANN610P-GT</i>	<i>CONTROL/INDICATION WIRE FOR LIMIT SWITCH FOR VALVE 115J44</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>CONTAINMENT AUX. BLD'G. 45 & OTHERS</i>	<i>LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5 x 10⁷ R (CONTAINMENT ONLY)</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>1ANN610-GT</i>	<i>115J44</i>						
<i>1ANN612P-GT</i>	<i>115J44</i>						
<i>1ANN612-GT</i>	<i>115J44</i>						
<i>1ANN599P-FT</i>	<i>115J44</i>						
<i>1ANN599-FT</i>	<i>115J44</i>						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 23 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1ANN601-FT	CONTROL/INDICATION WIRE FOR LIMIT SWITCH FOR VALVE 11S J44	CABLE FROM GENERIC GROUPINGS	CONTAINMENT AUX. BLDG-45 & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1ANN601-FT	12S J44						
1A3YAK2P-AT	12S J44						
1A3YAK2-AT	12S J44						
1A3YAK2A-AT	12S J44						
1ACS73P-BT	12S J44						
1ACS73-BT	12S J44						

Revision T

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 173

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

REVISION 1

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 24 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1B3YBH2P-BT	CONTROL/INDICATION WIRE FOR LIMIT SWITCH FOR VALVE 125J44	CABLE FROM GENERIC GROUPINGS	CONTAINMENT AUX. BLDG. 45' & OTHERS	LOCA/MS&B 271°/350°F 43.2/42.8PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1B3YBH2-BT	125J44	↓	↓	↓	↓	↓	↓
1B3YBH2A-BT	125J44	↓	↓	↓	↓	↓	↓
1ANN611P-GT	125J44	↓	↓	↓	↓	↓	↓
1ANN611-GT	125J44	↓	↓	↓	↓	↓	↓
1ANN600P-FT	125J44	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 174

REVISION 1

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 25 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITMS	REMARKS
	CONTROL/INDICATION WIRE FOR LIMIT SWITCH FOR VALVE	CABLE FROM GENERIC GROUPINGS		N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1ANN600-FT	12SJ44	↓	MECH. PEN-78 & OTHERS	↓	↓	↓	↓
1A3YAH2-AT	11SJ49	↓	↓	↓	↓	↓	↓
1A3YAH2A-AT	11SJ49	↓	↓	↓	↓	↓	↓
1ANN607-FT	11SJ49	↓	↓	↓	↓	↓	↓
1ANN609-FT	11SJ49	↓	↓	↓	↓	↓	↓
1ANN609-FT	12SJ49	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 175

REVISION 1

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 26 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
	CONTROL/INDICATION WIRE FOR LIMIT SWITCH FOR VALVE	CABLE FROM GENERIC GROUPINGS	MECH. PEN-70 & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1ANN619-GT	11SJ49	↓	↓	↓	↓	↓	↓
1ANN621-GT	11SJ49	↓	↓	↓	↓	↓	↓
1ANN621-GT	12SJ49	↓	↓	↓	↓	↓	↓
1B3YBE2-BT	12SJ49	↓	↓	↓	↓	↓	↓
1B3YBE2A-BT	12SJ49	↓	↓	↓	↓	↓	↓
1ANN608-FT	12SJ49	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 27 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODFL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>IANN620-GT</i>	<i>CONTROL/INDICATION WIRE FOR LIMIT SWITCH FOR VALVE 125J49</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>CONTAINMENT & OTHERS</i>	<i>LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5 x 10⁷ R (CONTAINMENT ONLY)</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>IC3YAV2P-CT</i>	<i>1RH26</i>						
<i>IC3YAV2-CT</i>	<i>1RH26</i>						
<i>IC3YAV2A-CT</i>	<i>1RH26</i>						
<i>IANN490E-GT</i>	<i>1RH26</i>						
<i>IANN490P-GT</i>	<i>1RH26</i>						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

REVISION 1

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 28 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IANN490-GT	CONTROL/INDICATION WIRE FOR LIMIT SWITCH FOR VALVE 1RH26	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IANN491E-FT	1RH26	↓	↓	↓	↓	↓	↓
IANN491P-FT	1RH26	↓	↓	↓	↓	↓	↓
IANN491 - FT	1RH26	↓	↓	↓	↓	↓	↓
IA3YBK2-AT	11RH29	↓	↓	↓	↓	↓	↓
IA3YBK2A-AT	11RH29	↓	↓	↓	↓	↓	↓

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 178

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

REVISION 1

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 29 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1B3YBT2-BT	CONTROL/INDICATION WIRE FOR LIMIT SWITCH FOR VALVE 12RH29	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271/350° F 43.2/42.8 PSIG <5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1B3YBT2A-BT	12RH29						
1B3YAH2P-BT	1RH1						
1B3YAH2-BT	1RH1						
1B3YAH2A-BT	1RH1						
1ACS72P-AT	1RH1						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 30 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IACS72-AT	CONTROL/INDICATION WIRE FOR LIMIT SWITCH FOR VALVE 1RH1	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271/350°F 43.2/42.8 PSIG (5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IA3YAK2P-AT	1RH2	↓	↓	↓	↓	↓	↓
IA3YAK2-AT	1RH2	↓	↓	↓	↓	↓	↓
IACS73P-BT	1RH2	↓	↓	↓	↓	↓	↓
IACS73-BT	1RH2	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

PAGE 180

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

REVISION 1

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 31 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A3YBK2A-AT	CONTROL / INDICATION WIRE FOR LIMIT SWITCH FOR VALVE 11RH19	CABLE FROM GENERIC GROUPINGS	AUX. BLDG. 45' AND OTHER AREAS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1B3YBX2-BT	12RH19	↓	↓	↓	↓	↓	↓
1ACS74-DT	1RH20	↓	↓	↓	↓	↓	↓

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 181

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 32 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET 1-37	ELECTRICAL CONNECTION FOR ASSOCIATED CABLES IRH26	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT & ELEC. PENET.	LOCA/MSLB 371°/350°F 43.2/42.8 PSIG (5 X 10 ⁻⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
PENET 1-48	IRH26	↓	↓	↓	↓	↓	↓
PENET 1-41	IRH1	↓	↓	↓	↓	↓	↓
PENET 1-41	IRH2	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 182

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

REVISION 1

SYSTEM RESIDUAL HEAT REMOVAL

SHEET 33 OF 33

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET. 1-43	ELECTRICAL CONNECTION FOR ASSOCIATED CABLES OF: 1RH2	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT & ELEC. PENET.	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
PENET. 1-43	1RH1	↓	↓	↓	↓	↓	↓
PENET 1-E1	11SJ44	↓	↓	↓	↓	↓	↓
PENET 1-E2	12SJ44	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 183

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT SPRAY

SHEET 1 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
11 C.S. PUMP MOTOR	MOTOR ↓	WESTINGHOUSE SPIN # UNIT #1 PSESIAPCS SPIN # UNIT #2 PNJSIAPCS ↓	AUX. BLDG. 84 ↓	RECIRC. <10 ³ R SHORT TERM. ↓	PAGE 79 ↓	NONE ↓	
12 C.S. PUMP MOTOR							

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 184

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT SPRAY

SHEET 2 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A2D-A	POWER CABLES FOR MOTOR FOR: 11 C.S. PUMP	CABLE FROM GENERIC GROUPINGS ↓	AUX. BLDG. 84 & OTHERS ↓	N/A ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
1C2D-C	12 C.S. PUMP						

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 105

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT SPRAY

SHEET 3 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
FA0218 (FT-930)	C.S. ADDITIVE TANK FLOW	DIFFERENTIAL PRESSURE TRANSMITTER F&P [10B2495]A,C	AUX. BLDG: 84	RECIRC. <10 ⁵ R SHORT TERM	PAGE 5B (UNIT 1) PAGE 5BA (UNIT 2)	BASIS #27	
LA0217 (LT-931)	C.S. ADDITIVE TANK LEVEL	LEVEL TRANSMITTER BARTON 332/952	AUX. BLDG: 84	RECIRC. <10 ³ R SHORT TERM	PAGE 53	BASIS #23	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS.

PAGE 186

REVISION 1

SYSTEM CONTAINMENT SPRAY

SHEET 4 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JS-596 (UNIT #1) JS-620 (UNIT #2)	ELECTRICAL CONNECTION FA0218/ 1S175A-AQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE 34 DESIGN WITH BUCHANAN BLOCK(S) 2B112N	AUX. BLDG. 84	RECIRC. <105R SHORT TERM	PAGE 64	NONE	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 187

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT SPRAY

SHEET 5 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 211	ENCLOSURE FOR LA0217 AND ELECTRICAL CONNECTIONS LA0217 1SI75A-AQ / 1SI75-AQ	INSTRUMENT RACK PSE §6 DESIGN AND BUCHANAN BLOCK 2B112N	AUX. BLDG. 84	RECIRC. <10 ³ R SHORT TERM.	PAGE 62 AND PAGE 64	NONE NONE	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 188

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT SPRAY

SHEET 6 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
	SIGNAL WIRE FOR INSTRUMENT	CABLE FROM GENERIC GROUPINGS	AUX. BLDG. 84 & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1S175A-AQ	FA 0218	↓	↓	↓	↓	↓	↓
1S175-AQ	FA 0218	↓	↓	↓	↓	↓	↓
1S175-AQ	LA 0217	↓	↓	↓	↓	↓	↓

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 189

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT SPRAY

SHEET 7 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
11 C 536	11 RNX RECIRC. SPRAY ISOLATION VALVE	MOTOR OPERATED VALVE LIMITORQUE SMB2	MECH. PENET. 78'	HEBA 212°F 1 PSIG L5X107R	PAGE 63-1 PAGE 63-2	BASIS #1	
12 C 636	12						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT SPRAY

SHEET 8 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITMS	REMARKS
1A3YAB-A	POWER CABLE FOR MOTOR OPERATED VALVE	CABLE FROM GENERIC GROUPINGS	ELECT. PENET. & OTHERS	N/A	PAGE 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1B3YBK-B	11CS36		AUX. BLDG. & OTHERS				

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 191

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT SPRAY

SHEET 9 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>MOTORS FOR VALVES:</i>	<i>MOTOR OPERATED VALVE</i>					
		<i>LIMITORQUE SMB</i>					
<i>11CS2</i>	<i>11 C.S. PUMP DISCH.</i>	↓	<i>Aux. BLDG. 8Y'</i>	<i>RECIRC.</i>	<i>PAGE 63-1</i>	<i>BASIS #1</i>	
<i>12CS2</i>	↓	↓	↓	<i>< 10³ R</i>	<i>PAGE 63-2</i>	↓	
<i>1CS17</i>	<i>C.S. SPRAY ADDITIVE</i>	↓	↓	<i>SHORT TERM</i>	↓	↓	
<i>1CS16</i>	<i>TANK</i>	↓	↓	↓	↓	↓	
<i>1CS14</i>	↓	↓	↓	↓	↓	↓	

Revision 2

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 192

SYSTEM CONTAINMENT SPRAY

SHEET 10 OF 16

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POWER CABLES FOR MOTOR OPERATED VALVE	CABLE FROM GENERIC GROUPINGS		N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1A3YBG-A	11CS2	↓	AUX.BLDG.-84 ↓	↓	↓	↓	↓
1C3YBF-C	12CS2						
1C3YBE-C	1CS17						
1A3YBA-A	1CS16						
1B3YBJ-B	1CS14						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 193

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT SPRAY

SHEET 11 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A WEST MOTOR CONTROL CENTER	POWER/CONTROL FOR MOTOR OPERATED VALVES: 11CS2, 1CS16	GENERAL ELECTRIC 7700 LINE	AUX. BLDG. 84	RECIRC <10 ⁵ R	PAGE 74 (UNIT 1) PAGE 74A (UNIT 2)	NONE	
1B WEST MOTOR CONTROL CENTER	1CS14						
1C WEST MOTOR CONTROL CENTER	12CS2, 1CS17						
1A EAST MOTOR CONTROL CENTER	1CS36, 12CS36		ELEC. TEN-78	RECIRC <10 ⁵ R	BASIS #7		

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 124

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT SPRAY

SHEET 12 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVE 11C52 CONTAINMENT SPRAY PUMP DISCHARGE	LIMITORQUE LIMIT SWITCH INTERNAL TO MOTOR	AUX. BLDG. 84	RESID. < 10 ⁸ R SHORT TERM	PAGE 631 PAGE 632	BASIS #1	
	CONTROL/POSITION INDICATION FOR VALVE 12C52 CONTAINMENT SPRAY PUMP DISCHARGE	↓	↓	↓	↓	↓	
	CONTROL/POSITION INDICATION FOR VALVE 1C517 SPRAY ADDITIVE TANK DISCHARGE	↓	↓	↓	↓	↓	
	CONTROL/POSITION INDICATION FOR VALVE 1C516 SPRAY ADDITIVE TANK DISCHARGE	↓	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 195

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT SPRAY

SHEET 13 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVE 1C514 CONTAINMENT SPRAY PUMP DISCHARGE	LIMTORQUE LIMIT SWITCH INTERNAL TO MOTOR	AUX. BLDG. 84'	RECIRC. < 10 ³ R SHORT TERM	PAGE 657 PAGE 682	BASIS #1	VALVE IS N.O. WITH POWER LOCKED OUT
	CONTROL/POSITION INDICATION FOR VALVE 11C536 CONTAINMENT SPRAY PUMP DISCHARGE	↓	MECH. PEN. 78' ↓	NBSA 213°F 1751G. < 5x10 ³ R ↓	↓	↓	
	CONTROL/POSITION INDICATION FOR VALVE 12C536 CONTAINMENT SPRAY PUMP DISCHARGE	↓	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 136

REVISION 1

SYSTEM CONTAINMENT SPRAY

SHEET 14 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR	CABLE FROM GENERIC GROUPINGS	AUX. BLDG. 84' & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1A3YBG2-AT	11C52	↓	↓	↓	↓	↓	↓
1A3YBG2A-AT	11C52	↓	↓	↓	↓	↓	↓
1RP55-AT	11C52	↓	↓	↓	↓	↓	↓
1C3YBF2-CT	12C52	↓	↓	↓	↓	↓	↓
1C3YBF2A-CT	12C52	↓	↓	↓	↓	↓	↓
1RP61-CT	12C52	↓	↓	↓	↓	↓	↓
1C3YBE2-CT	1C517	↓	↓	↓	↓	↓	↓
1C3YBE2A-CT	1C517	↓	↓	↓	↓	↓	↓
1RP61-CT	1C517	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

REVISION 1

SYSTEM CONTAINMENT SPRAY

SHEET 15 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
	<i>CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>AUX. BLDG. 84 & OTHERS</i>	<i>N/A</i>	<i>PAGE 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>1A3YBA2-AT</i>	<i>1CS16</i>	↓	↓	↓	↓	↓	↓
<i>1A3YBA2A-AT</i>	<i>1CS16</i>	↓	↓	↓	↓	↓	↓
<i>1EP55-AT</i>	<i>1CS16</i>	↓	↓	↓	↓	↓	↓
<i>1B3YBJ2-BT</i>	<i>1CS14</i>	↓	↓	↓	↓	↓	↓
<i>1ANN 499-FT</i>	<i>1CS14</i>	↓	↓	↓	↓	↓	↓
<i>1ANN 496-GT</i>	<i>1CS14</i>	↓	↓	↓	↓	↓	↓
<i>1B3YBJ2A-BT</i>	<i>1CS14</i>	↓	↓	↓	↓	↓	↓
<i>1EP57-BT</i>	<i>1CS14</i>	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 138

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT SPRAY

SHEET 16 OF 16

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A3YAB2-AT	CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR 11CS36	CABLE FROM GENERIC GROUPINGS ↓	ELEC. PENET. & OTHERS	N/A ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
1B3YBK2-BT	12CS36		AUX. BLDG. & OTHERS				

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 133

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM COMPONENT COOLING

SHEET 1 OF 5

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
11CC16	11 RESIDUAL HEAT EXCHANGER COMPONENT COOLING WATER	MOTOR OPERATED VALVE LIMITORQUE SMB-0 ↓	AUX. BLDG. 55' ↓	RECIRC. < 7X10 ⁶ E SHORT TERM ↓	PAGE 631 PAGE 632 ↓	BASIS #1 ↓	
12CC16	12 RESIDUAL HEAT EXCHANGER COMPONENT COOLING WATER	↓	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 200

SYSTEM COMPONENT COOLING

SHEET 2 OF 5

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A WEST MOTOR CONTROL CENTER	POWER/CONTROL FOR MOTOR OPERATED VALVE 11CC 16	GENERAL ELECTRIC 7700 LINE ↓	AUX. BLDG. 8A' ↓	RECIEC. L 10 ³ R ↓	PAGE 74 (UNIT 1) PAGE 74A (UNIT 2) ↓	NONE ↓	
1B WEST MOTOR CONTROL CENTER	12CC 16	_____	_____	_____	_____	_____	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 201

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM COMPONENT COOLING

SHEET 3 OF 5

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A3YBD-A	POWER CABLE FOR VALVE 11CC16	CABLE FROM GENERIC GROUPINGS	AUX.BLDG-55 {OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1B3YBU-B	12CC16						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 202

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM COMPONENT COOLING

SHEET 4 OF 5

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POSITION INDICATION FOR VALVE I1CC 16 I2CC 16	LIMIT SWITCH LIMITORQUE LIMIT SWITCH INTERNAL TO MOTOR ↓ _____	AUX.BLDG.-55 ↓ _____	RECIRC CTX10 ⁶ R SHORT TERM ↓ _____	PAGE G3-1 PAGE G3-2 ↓ _____	BASIS #1 ↓ _____	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM COMPONENT COOLING

SHEET 5 OF 5

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A3YBD2-AT	CONTROL/INDICATION WIRE FOR LIMIT SWITCH FOR VALVE 11CC16	CABLE FROM GENERIC GROUPINGS	AUX.BLDG-55 & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1A3YBD2A-AT	11CC16	↓	↓	↓	↓	↓	↓
1B3YBU2-BT	12CC16	↓	↓	↓	↓	↓	↓
1B3YBE2A-BT	12CC16	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 1 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICC117	RCP C.C.W. INLET ISOLATION	MOTOR OPERATED VALVE LIMITORQUE 5MB-00	MECH. PEN.-78	HEBA 212°F 1 PSIG < 5x10 ⁷ R	PAGE 63-1 PAGE 63-2	BASIS #1	
ICC118							
ICC136	RCP C.C.W. OUTLET ISOLATION						
ICC187			CONT.	LOCA/MELB 271°/350°F 48.2/42.8 PSIG < 5x10 ⁷ R		BASIS #1 BASIS #28	
ICC131	RCP THERMAL BARRIER C.C.W. ISOLATION		MECH PEN.-78	HEBA 212°F 1 PSIG < 5x10 ⁷ R		BASIS #1	
ICC190			CONT.	LOCA/MELB 271°/350°F 48.2/42.8 PSIG < 5x10 ⁷ R		BASIS #1 BASIS #28	Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROL EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
IC WEST MOTOR CONTROL CENTER	POWER/CONTROL FOR MOTOR OPERATED VALVES ICCI17, ICC136	GENERAL ELECTRIC 7700 LINE ↓	AUX. BLDG. 84	RECIRC<10 ⁵ R	PAGE 74 (UNIT 1) PAGE 74A (UNIT 2)	NONE ↓	
1A EAST MOTOR CONTROL CENTER	ICCI18, ICC187, ICC190	↓	ELEC. PEN. 7B ↓	RECIRC<10 ⁵ R ↓	↓	BASIS 7 ↓	
1C EAST MOTOR CONTROL CENTER	ICC131	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 206

SYSTEM CONTAINMENT ISOLATION

SHEET 3 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1C3YAK-C	POWER CABLE FOR VALVE 1CC117	CABLE FROM GENERIC GROUPINGS	MECH.PEN.-78 { OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1A3YAN-A	1CC118	↓	↓	↓	↓	↓	↓
1C3YAL-C	1CC136	↓	↓	↓	↓	↓	↓
1A3YAPP-A	1CC187	↓	CONT.	↓	↓	↓	↓
1A3YAP-A	1CC187	↓	ELEC.PEN.-78 { OTHERS	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 4 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1C3YAS-C	POWER CABLE FOR VALVE ICC131	CABLE FROM GENERIC GROUPINGS ↓	MECH.PEN.-78 { OTHERS	N/A	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
1A3YAMP-A	ICC190		CONT.	↓			
1A3YAM-A	ICC190		ELEC.PEN.-78 { OTHERS	↓			

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 5 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
SV0688	PILOT VALVE CONTROL FOR ICC215 EXCESS LETDOWN N.X. CC.W. INLET	SOLENOID VALVE ASCO FT831654	MECH RM-70 ↓	NEBA 212°F 1PSIG <5X10 ⁷ R ↓	PAGE 96 (UNIT 1) PAGE 96A (UNIT 2)	BASIS # 17 ↓	
SV0164	PILOT VALVE CONTROL FOR ICC113 EXCESS LETDOWN NX CCW OUTLET	ASCO FT831654 (UNIT # 2) ASCO - 831654 (UNIT # 1)			PAGE 57A (UNIT # 2) PAGE 91A (UNIT # 1)		

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 209

REVISION 1

SYSTEM CONTAINMENT ISOLATION

SHEET 6 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 743	ENCLOSURE FOR SV0688 SV0164 AND ELECTRICAL CONNECTION SV0688 SV0164/1ACS86-AT	NEMA 12 INSTRUMENT ENCLOSURE PSE/G DESIGN AND BUCHANAN BLOCK 2B112N	MECH.PEN.-78	HEBA 212°F 1 PSIG < 5X10 ⁷ R	PAGE 62 AND PAGE 64 ↓	NONE ↓	
PANEL 311	ELECTRICAL CONNECTIONS 1ACS86-AT 1ACS11-AT 1ACS12-AT/ITRA1-AT	3 BAY INSTRUMENT PANEL AND BUCHANAN BLOCK 2B112N	MECH.PEN.-100	HEBA 285°F 1 PSIG < 5X10 ⁷ R	↓	↓	

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 210

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 7 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1ACSB6-AT	CONTROL WIRE FOR SOLENOID SV0688 SV0164	CABLE FROM GENERIC GROUPINGS	MECH.PEN.-78 & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS 1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1TRAI-AT	SV0688 SV0164	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 8 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/ POSITION INDICATION FOR VALVE	LIMITORQUE LIMIT SWITCH INTERNAL TO MOTOR	MECH. PEN-78	HEBA 212°F 1 PSIG 2.5X10 ⁷ R	PAGE 63 PAGE 63-2	BASIS #1	
	ICC117	↓	↓	↓	↓	↓	
	ICC118	↓	↓	↓	↓	↓	
	ICC136	↓	↓	↓	↓	↓	
	ICC187	↓	CONT.	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG 2.5X10 ⁷ R	↓	BASIS #1 BASIS #2B	
	ICC131	↓	MECH. PEN-78	HEBA 212°F 1 PSIG 2.5X10 ⁷ R	↓	BASIS #1	

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 212

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 9 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVE	LIMIT SWITCH LIMITORAVE (LIMIT SWITCH INTERNAL TO MOTOR)	CONT.	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG LSX107R	PAGE G3-1 PAGE G3-2	BASIS #1 BASIS #2B	
ICC190							
ICC215		NAMCO D-2400X (UNIT 2) EA-180 (UNIT 1)	MECH. PEN 7B ↓	HEBA 212°F 1 PSIG LSX107R ↓	PAGE 45 (UNIT 1) PAGE 48A (UNIT 2) ↓	BASIS #18A ↓	
ICC113							

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 213

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 10 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR VALVE</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>MECH. PEN-78 / OTHERS</i>	<i>N/A</i>	<i>PAGE 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLE QUALIFIED TO WREST CASE ENVIRONMENT</i>
<i>1C3YAK2-CT</i>	<i>1CC117</i>	↓	↓	↓	↓	↓	↓
<i>1C3YAK2A-CT</i>	<i>1CC117 1CC136</i>	↓	↓	↓	↓	↓	↓
<i>1A3YAN2-AT</i>	<i>1CC118</i>	↓	↓	↓	↓	↓	↓
<i>1A3YAN2A-AT</i>	<i>1CC118, 1CC187</i>	↓	↓	↓	↓	↓	↓
<i>1C3AL2-CT</i>	<i>1CC136</i>	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 214

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 11 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR VALVE</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>CONTAINMENT & OTHERS</i>	<i>LOCA/MSLB 271°/350°F 43.2/42.8 PSIG L5X10⁹R (CONTAINMENT ONLY)</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>1A3YAP2P-AT</i>	<i>ICC187</i>	↓	↓	↓	↓	↓	↓
<i>1A3YAP2-AT</i>	<i>ICC187</i>						
<i>1C3YAS2-CT</i>	<i>ICC131</i>						
<i>1C3YAE2A-CT</i>	<i>ICC131</i>						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 215

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 12 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
	CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR VALVE	CABLE FROM GENERIC GROUPINGS	CONTAINMENT / OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG ≤ 5x10 ⁻⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLEING QUALIFIED TO WORST CASE ENVIRONMENT
1A3YAM2P-AT	ICC190	↓	↓	↓	↓	↓	↓
1A3YAM2-AT	ICC190	↓	↓	↓	↓	↓	↓
1A3YAK2A-AT	ICC190	↓	↓	↓	↓	↓	↓
1ACS17-AT	ICC215	↓	↓	↓	↓	↓	↓
1TRA1-AT	ICC215, ICC113	↓	↓	↓	↓	↓	↓
1ACS12-AT	ICC113	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 13 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>PENET. 1-43</i>	<i>ELECTRICAL CONNECTION FOR ASSOCIATED CABLES OF POWER, CONTROL & POSITION INDICATION FOR ICC187 & ICC190</i>	<i>CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE</i>	<i>CONTAINMENT (ELEC. PENET)</i>	<i>LOCA/MSLB 271°/350°F 43.2/42.8 PSIG 2.5 x 10⁻⁷R (CONTAINMENT ONLY)</i>	<i>PAGE 66</i>	<i>NONE</i>	<i>QUALIFIED TO WORST CASE ENVIRONMENT</i>

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 217

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 14 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1CV284	R.C.P. SEAL WATER DISCHARGE INSIDE ISOLATION	MOTOR OPERATED VALVE LIMITORQUE SMB-00	CONT.	LOCA/MSLB 271°/350°F 45.2/42.8 PSIA LSX10 ⁹ R	PAGE 63-1 PAGE 63-2 ↓	BASIS #1 BASIS #20	
1CV116	R.C.P. SEAL WATER DISCHARGE OUTSIDE ISOLATION	LIMITORQUE SMB-00 (#5)	MECH. RM-78	NEBA 212°F 1 PSIA LSX10 ⁹ R		BASIS #1	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 218

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 15 OF 96

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1B EAST MOTOR CONTROL CENTER	POWER/CONTROL FOR MOTOR OPERATED VALVE 1CV284	GENERAL ELECTRIC 7700 LINE ↓	ELEC. RM-78 ↓	RECIRC. 6105R ↓	PAGE 7A (UNIT 1) PAGE 7HA (UNIT 2) ↓	BASIS #7 ↓	
1C EAST MOTOR CONTROL CENTER	1CV116						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 219

REVISION 1

SYSTEM CONTAINMENT ISOLATION

SHEET 16 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1B3YALP-B	POWER CABLE FOR VALVE ICV284	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/48.8 PSIA < 5X10 ⁻⁷ R (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
1B3YAL-B	ICV284						
1C3YAM-C	ICV116						

Revision

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 220

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

REVISION 1

SYSTEM CONTAINMENT ISOLATION

SHEET 17 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
PENET. 1-41	ELECTRICAL CONNECTION FOR ASSOCIATED CABLES OF POWER, CONTROL & POSITION INDICATION FOR VALVE ICV284	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT & ELECT. PENET.	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG <5X10 ⁻⁶ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 221

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 18 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVE 1CV284	LIMITORQUE - LIMIT SWITCH INTERNAL TO MOTOR ↓	CONT.	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG <5X10 ⁷ R	PAGE 63-1 PAGE 63-2 ↓	BASIS #1 BASIS #28	
	1CV116	↓	MECH. PEN-78	NEBR 212° F 1 PSIG <5X10 ⁷ R	↓	BASIS #1	

Revision 2

HALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 222

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 19 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1B3YAL2P-BT	CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR VALVE ICV284	CABLE FROM GENERIC GROUPINGS ↓	CONTAINMENT + OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG (5X10 ⁷ R (CONTAINMENT ONLY)) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
1B3YAL2-BT	ICVC284						
1C3YAM2-CT	ICVC116						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 20 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0491	PILOT VALVE CONTROL FOR ICV3	SOLENOID VALVE ASCO NP831654E (UNIT 1)	CONT. ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG ≤5X10 ³ R	PAGE 60 (UNIT 1) PAGE 60C (UNIT 2) ↓	BASIS #28 ↓	
SV0492	ICV4 CYCS LETDOWN LINE	NP SERIES (UNIT 2) ↓					
SV0493	ICV5						
SV0425	ICV7	ASCO LB831654 (UNIT #2) ASCO FT831654 (UNIT #1)	MECH. PEN. -100	HEBA 285°F 1 PSIG ≤5X10 ³ R	PAGE 32 (UNIT #2) PAGE 57 (UNIT #1)	BASIS #17	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 224

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 21 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVE ICV3	LIMIT SWITCH NAMCO EA180	CONT.	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5X10 ⁷ R	PAGE 61	BASIS*29	
	ICV4						
	ICV5						
	ICV7	NAMCO D-2400X (UNIT 2) EA-180 (UNIT 1)	MECH. PEN.-100	NEBA 285°F 1 PSIG <5X10 ⁷ R	PAGE 45 (UNIT 1) PAGE 45A (UNIT 2)	BASIS*18A	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 225

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 22 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 238	ENCLOSURE FOR SVO491 SVO492 SVO493 AND ELECTRICAL CONNECTIONS SVO491/ICVC49P-BT SVO492 ICVC51-AT/ICVC52P-BT SVO493 ICVC55-CT/ICVC56P-CT	2 BAY INSTRUMENT PANEL PSE&G DESIGN AND CABLE SPLICE RAYCHEM WCSF-N	CONT.	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG 6.5X10 ⁷ R	PAGE 62 AND PAGE 65	BASIS # 28 NONE	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 23 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 311	ENCLOSURE FOR SV0425 AND ELECTRICAL CONNECTIONS SV0425 ICVC35-GT/ICVC36-DT	3 BAY INSTRUMENT PANEL PSE & G DESIGN AND BUCHANAN BLOCK 2B112N	MECH. PEN.-100	NEBA 285°F 1 PSIG <5X10 ⁷ R	PAGE 62 AND PAGE 69	NONE NONE	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 227

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 24 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICVC49P-BT	CONTROL WIRES FOR SOLENOID VALVES SV0491	CABLES FROM GENERIC GROUPINGS	CONTAINMENT + OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICVC49-BT	SV0491	↓	↓	↓	↓	↓	↓
ICVC52P-BT	SV0492	↓	↓	↓	↓	↓	↓
ICVC52-BT	SV0492	↓	↓	↓	↓	↓	↓
ICVC56P-CT	SV0493	↓	↓	↓	↓	↓	↓
ICVC56-CT	SV0493	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 228

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 25 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICVC36-DT	CONTROL WIRES FOR SOLENOID VALVE SVO425	CABLE FROM GENERIC GROUPINGS	MECH. PEN.-100 & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 229

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 26 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>ICVC49P-BT</i>	<i>CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR VALVE ICV3</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>CONTAINMENT + OTHERS</i>	<i>LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10⁷R (CONTAINMENT ONLY)</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>ICVC49-BT</i>	<i>ICV3</i>	↓	↓	↓	↓	↓	↓
<i>ICVC51-AT</i>	<i>ICV4</i>	↓	↓	↓	↓	↓	↓
<i>ICVC52P-CT</i>	<i>ICV4</i>	↓	↓	↓	↓	↓	↓
<i>ICVC52-AT</i>	<i>ICV4</i>	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 230

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 27 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICVC55-CT	CONTROL/SIGNAL WIRES FOR LIMIT SWITCH FOR VALVE ICV5	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSI (5X10'R (CONTAINMENT ONLY)	PAGES 6T THROUGH 7S	BASIS#1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICVC56P-CT	ICV5						
ICVC56-CT	ICV5						
ICVC35-GT	ICV7						
ICVC36-DT	ICV7						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 231

SYSTEM CONTAINMENT ISOLATION

SHEET 28 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
PENET. 1-41	ELECTRICAL CONNECTION FOR ASSOCIATED CABLES FOR CONTROL & POSITION INDICATION FOR VALVE ICV3	CONTAINMENT ELECTRICAL PENETRATION	CONTAINMENT & ELEC. PENET.	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG 2.5x10 ⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
PENET. 1-43	CONTROL & POSITION INDICATION FOR VALVE ICV4	↓	↓	↓	↓	↓	↓
PENET. 1-37	CONTROL & POSITION INDICATION FOR VALVE ICV5						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 29 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0427	PILOT VALVE CONTROL FOR VALVE 15J123 S.I. TEST LINE INSIDE ISOL.	SOLENOID VALVES ASCO NP831654E (UNIT 1) NP SERIES (UNIT 2)	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8PSIG <5X10 ⁷ R	PAGE 60 (UNIT 1) PAGE 60C (UNIT 2)	BASIS #28	
SV0114	15J53 S.I. TEST LINE OUTSIDE ISOL.	ASCO LB831654 (UNIT 2) NP831654E (UNIT 1)	MECH. PEN-78	HEBA 212°F 1-PSIG <5X10 ⁷	PAGE 32 (UNIT 1) PAGE 32B (UNIT 2)	BASIS #17	
SV0575	15J60 S.I. TEST LINE OUTSIDE ISOL.	ASCO LB831654 (UNIT #2) NP-831654E (UNIT 1)	MECH. PEN-100	HEBA 285°F 1-PSIG <5X10 ⁷	PAGE 32B (UNIT #2) PAGE 57 (UNIT #1)		
SV0249	INT32 ACCUMULATOR N ₂ SUPPLY OUTSIDE ISOL.	ASCO 831654 (UNIT 2) NP831654E (UNIT 1)			PAGE 91 (UNIT 2) PAGE 91A (UNIT 1)		

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 30 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 245	ENCLOSURE FOR SVO427 AND ELECTRICAL CONN'S. SVO427 ISI86B-AT/ISI86P-AT	1-BAY INSTRUMENT PANEL P.S.E.E.G. DESIGN AND SPLICE RAYCHEM WCF-N	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8751g <5X10 ⁷ R	PAGE 62 AND PAGE 65	BASIS # 28 NONE	
PANEL 208	ENCLOSURE FOR SVO114 AND ELECTRICAL CONN'S. SVO114 ISI123A-DT/ /ISI123-DT	INSTRUMENT ENCLOSURE P.S.E.E.G. DESIGN AND BUCHANAN BLOCK 2B112N	MECH. TEN-78	HEBA 212°F 1.751g <5X10 ⁷ R	PAGE 62 AND PAGE 64	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 234

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 31 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
PANEL 311	ENCLOSURE FOR SV0575 SV0249	3 BAY ELECTRICAL PANEL P.S.E. & G. DESIGN	MECH. PEN-100	HEBA 285°F 1-PSIG 4.5X10 ⁷ R	PAGE 62	NONE	
	AND ELECTRICAL CONN'S. SV0575 1S1113-BT / ITRBI-BT SV0249 1S184-AT / ITRAI-AT	AND BUCHANAN BLOCK 2B112N			AND PAGE 64	NONE	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 235

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 32 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ISI86P-AT	SV0427	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSCB 271°/350° F 43.2/42.8 PSIG <5x10 ¹² R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ISI86-AT	SV0427	↓	↓	↓	↓	↓	↓
ISI123-DT	SV0114	↓	↓	↓	↓	↓	↓
ITRBI-BT	SV0575	↓	↓	↓	↓	↓	↓
ITRAI-AT	SV0249	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 33 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET. 1-43	ELECTRICAL CONNECTION FOR ASSOCIATED CABLES OF CONTROL & POSITION INDICATION FOR VALVE 15J 123	CONTAINMENT ELECTRICAL PENET. CONAX CANISTER TYPE	CONTAINMENT & ELECT. PENET.	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG L5X10 ⁷ R CONTRINMENT ONLY	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS.

SYSTEM CONTAINMENT ISOLATION

SHEET 34 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVE 15J123	LIMIT SWITCH NAMCO EA180-11302	CONTAINMENT	LOCA/MSLB 271°/350° 43.2/42.87PSIG <5X10 ⁻³ R	PAGE 61	BASIS # 29	
	15J53	NAMCO D-2400X (UNIT 2) EA-180 (UNIT 1)	MECH. TEN-78	HEBA 212°F 1.7PSIG <5X10 ⁻³ R	PAGE 45 (UNIT 1) PAGE 45A (UNIT 2)	BASIS # 18A	
	15J60	↓	MECH. TEN-100	HEBA 285°F 1.7PSIG <5X10 ⁻³ R	↓	↓	
	INT32	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 238

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 35 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
15I86B-AT	CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR VALVE 15J123	CABLE FROM GENERIC GROUPINGS	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8PSIG <5X10 ⁻⁶ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
15I86P-AT	15J123	↓	↓	↓	↓	↓	↓
15I86-AT	15J123	↓	↓	↓	↓	↓	↓
15I123A-DT	15J53	↓	↓	↓	↓	↓	↓
15I123-DT	15J53	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 239

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 36 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ISI 113 - BT	CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR VALVE ISJ60	CABLE FROM GENERIC GROUPINGS	MECH. PEN-100 & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WOST CASE ENVIRONMENT
ITRBI - BT	ISJ60	↓	↓	↓	↓	↓	↓
ISI 84 - AT	INT32	↓	↓	↓	↓	↓	↓
ITRAI - AT	INT32	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 240

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 37 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0706	PILOT VALVE CONTROL FOR 11GB4 11 S.G. BLOW DOWN ISOLATION	SOLENOID VALVE ASCO FT-8321A2 (UNIT 2) 200-381-6RF (UNIT 1)	MECH. PEN.-100	HEBA 285°F 1 PSIG <5x10 ⁷ R	PAGE 39 (UNIT 1) PAGE 39A (UNIT 2)	BASIS #17	
SV0707	12GB4 12 S.G. BLOW DOWN ISOLATION	↓	↓	↓	↓	↓	
SV0708	13GB4 13 S.G. BLOW DOWN ISOLATION	↓	↓	↓	↓	↓	
SV0709	14GB4 14 S.G. BLOW DOWN ISOLATION						

Revision 2

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 241

SYSTEM CONTAINMENT ISOLATION

SHEET 38 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL / POSITION INDICATION FOR VALVE	LIMIT SWITCH MASONBILAN 496-2 (UNIT 2)	MECH. PEN.100	NEBA 285°F 1PSIG	PAGE 44 (UNIT 1)	BASIS #18A	
	11GB4	NAMCO ER480 (UNIT 1)	↓	↓	PAGE 44A (UNIT 2)	↓	
	12GB4						
	13GB4						
	14GB4						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 39 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 325	ENCLOSURE FOR SV0706 SV0707 SV0708 SV0709	2 BAY INSTRUMENT PANEL PSE & G DESIGN	MECH.PEN100	HEBA 285°F 1 PSIG <5x10 ⁷ R	PAGE 62	NONE	
	AND ELECTRICAL CONNECTIONS SV0706 SV0707 SV0708 SV0709 1GB2-CT 1GB3-CT 1GB4-CT 1GB5-CT 1GB1-CT	AND BUCHANAN BLOCK 2B112N			AND PAGE 64	NONE	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 243

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 40 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
19B1-CT	CONTROL WIRES FOR SOLENOID VALVES SV0706 SV0707 SV0708 SV0709	CABLE FROM GENERIC GROUPINGS	MECH. PEN-100 & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 41 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1GB2-CT	CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR VALVE 11GB4	CABLE FROM GENERIC GROUPINGS	MECH.PEN-78 & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1GB3-CT	12GB4	↓	↓	↓	↓	↓	↓
1GB4-CT	13GB4	↓	↓	↓	↓	↓	↓
1GB5-CT	14GB4	↓	↓	↓	↓	↓	↓
1GB1-CT	11GB4 12GB4 13GB4 14GB4	↓	MECH.PEN-100 & OTHERS	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 245

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 42 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0510	PILOT VALVE CONTROL FOR 11SS94	SOLENOID VALVE ASCO FT8320A101 (UNIT 2)	MECH. PEN-7B	HEBA 212°F 1PSIG < 5 x 10 ⁷ R	PAGE 3A (UNIT 1) PAGE 88A (UNIT 2)	BASIS #17	
SV0511	SAMPLE LINES FOR S.G. BLOWDOWN OUTSIDE ISOLATION 12SS94						
SV0512	13SS94						
SV0513	14SS94						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 247

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 44 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0514	PILOT VALVE CONTROL FOR ISS64 SAMPLE LINE FROM PRESSURIZER STEAM SPACE OUTSIDE ISOLATION	SOLENOID VALVE ASCO L8X83146 (UNIT 2) NP8320A184E (UNIT 1)	MECH. PEN-78	HEBA 212°F 1PSIG ≤ 5 x 10 ⁷ R	PAGE 37 (UNIT 1) PAGE 37A (UNIT 2)	BASIS #17	
SV0515	ISS49 SAMPLE LINE FROM PRESSURIZER LIQUID OUTSIDE ISOLATION						
SV0516	ISS33 SAMPLE LINE FROM HOT LEGS OUTSIDE ISOLATION						
SV0517	ISS27 SAMPLE LINE FROM ACCUMULATORS OUTSIDE ISOLATORS						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 248

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 45 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POSITION INDICATORS FOR VALVES 15564	LIMIT SWITCH NAMCO D-2400X (UNIT 2) EA-180 (UNIT 1)	MICH. PEN-7B	HEBA 212°F 1 PSIG LS110R	PAGE 45 (UNIT 1) PAGE 45A (UNIT 2)	BASIS # 18 A	
	15549	↓	↓	↓	↓	↓	
	15533						
	15527						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 249

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 46 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 218	RACK FOR SV0510 SV0511 SV0512 SV0513 SV0514 SV0515 SV0516 SV0517 AND	INSTRUMENT RACK	MECH. PEN. 78'	HEBA 213°F 1 PSIG. 2.5X10 ⁷ R	PAGE 62	NONE	
	ELECTRICAL CONNECTION SV0510 SV0511 SV0512 SV0513 15547-BT 15548-BT 15549-BT 15550-BT 15546-BT	TERMINAL BLOCK(S) BUCHANAN MODEL 2B112N			PAGE 64		

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 47 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 218 (CONT'D)	ELECTRICAL CONNECTIONS SV0514 SV0515 SV0516 SV0517 ISS51-BT ISS52-BT ISS53-BT ISS54-BT ISS45-BT						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 251

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 48 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
15546-BT	CONTROL WIRES FOR SOLENOID VALVES SV0510 SV0511 SV0512 SV0513	CABLES FROM GENERIC GROUPINGS	MECH. PEN-7B & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
15545-BT	SV0514 SV0515 SV0516 SV0517						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 252

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 49 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
15547-BT	CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR VALVE 115594	CABLES FROM GENERIC GROUPINGS	MECH. PEN-78 & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
15548-BT	125594	↓	↓	↓	↓	↓	↓
15549-BT	135594	↓	↓	↓	↓	↓	↓
15550-BT	145594	↓	↓	↓	↓	↓	↓
15546-BT	115594 125594 135594 145594	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 50 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
	<i>POSITION INDICATION WIRE FOR LIMIT SWITCH FOR VALVE</i>	<i>CABLES FROM GENERIC GROUPINGS</i>	<i>MECH. PEN. 78' & OTHERS</i>	<i>N/A</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>ISS51-BT</i>	<i>ISS64</i>	↓	↓	↓	↓	↓	↓
<i>ISS52-BT</i>	<i>ISS49</i>						
<i>ISS53-BT</i>	<i>ISS33</i>						
<i>ISS54-BT</i>	<i>ISS27</i>						
<i>ISS45-BT</i>	<i>ISS64 ISS49 ISS33 ISS27</i>						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

PAGE 254

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 51 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0518	PILOT VALVE CONTROL FOR 1SS110 SAMPLE LINE FROM PRESSURIZED STEAM SPACE INSIDE ISO4.	SOLENOID VALVE RSC0 206-381-3F (UNIT1) NP SERIES (UNIT2)	CONT.	LOCA/MSLB 2719/3500A 432/42.8A/16 45X107R	PAGE 60A (UNIT 1) PAGE 60C (UNIT 2)	BASE IS #28	
SV0519	1SS107 SAMPLE LINE FROM PRESSURIZED LIQUID INSIDE ISOLATION						
SV0520	1SS104 SAMPLE LINE FROM HOT LEGS INSIDE ISOLATION						
SV0521	1SS103 SAMPLE LINE FROM ACCUMULATORS INSIDE ISOLATION						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION +
 ENVIRONMENTAL

PAGE 255

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 52 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POSITION INDICATION FOR VALVE	LIMIT SWITCH NAMECO D-2400X (UNIT 2) EA-180 (UNIT 1)	FENT.	LOCA/MSLB 27N/3500A 432/42.8 PSIA 65X107R	PAGE 99 (UNIT 1) PAGE 97A (UNIT 2)	BASIS 180	ONLY POSITION INDICATION ADDRESSED IN RESPONSE TO PSAR 97.35
	155110	↓	↓	↓	↓	↓	↓
	155107						
	155104						
	155103						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 256

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 53 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JT-479 (UNIT 1) JT-480 (UNIT 2)	ELECTRICAL CONNECTIONS ISS65-AT / ISS30P-AT / ISS31P-AT / ISS32P-AT ISS37-AT / ISS38-AT / ISS30P-AT ISS36-AT/ /ISS31P-AT ISS39-AT/ /ISS32P-AT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE&G DESIGN WITH BUCHANAN BLOCKS 2B112N	CONTAINMENT	LOCA /MSLB 271°/350°F 43.2 /42.8 PSIG <5x10 ⁷ R	PAGE 64	NONE	

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 257

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 54 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0399	PILOT VALVE CONTROL FOR 1W698 N ₂ SUPPLY TO R.C.P.T. INSIDE ISOLATION	SOLENOID VALVE ASCO 206-381-3F (UNIT1) NP-SERIES (UNIT2)	CONT.	LOCA/MSCB 271°/350° F 43.2/42.8/51.4 < 5x10 ⁻⁴ R	PAGE 60A (UNIT 1) PAGE 60C (UNIT 2) PAGE 60B (UNIT 1)	BASIS #20	
SV0397	1W618 R.C.D.J. PUMP DISCH. INSIDE ISOLATION	ASCO LB-8319G (UNIT1) NP-SERIES (UNIT2)	↓	↓	↓	↓	
SV0394	1W616 REACTOR CAVITY SUMP PUMP DISCHARGE TO WASTE DISPOSAL INSIDE ISOLATION	ASCO 206-381-3F (UNIT2) 206-381-3F (UNIT1)	↓	↓	↓	↓	
SV0401	1W696 GAS ANALYSER FROM R.C.P.T. INSIDE ISOL.	ASCO 206-381-3F (UNIT 1) NP-SERIES (UNIT 2)	↓	↓	↓	↓	

Revision 2

BALEN GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 55 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL / POSITION INDICATION FOR VALVE 1WL98	LIMIT SWITCH NAMCO EA180-14302 EA180-15302 (EA180-11302 UNIT#2)	CENT. ↓	LOCAL/MSLA 871/19302 422/428 PS16 LSX107R ↓	PAGE 61	BASIS# 89	
	1WL12	NAMCO EA180-14302 EA180-24302			PAGE 61	NONE	
	1WL16	MASONILAN 496-2 (UNIT 2) NAMCO EA-180 (UNIT 1)			PAGE 77 (UNIT 1) PAGE 71C (UNIT 3)	BASIS# 18B	
	1WL96	NAMCO EA180-14302 EA180-15302 (EA180-11302 UNIT#2)			PAGE 61	NONE	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 259

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 56 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 241	ENCLOSURE FOR SV0518 SV0519 SV0520 SV0521 SV0399 SV0397 SV0394 SV0401 AND	4 BAY INSTRUMENT PANEL PSE & G DESIGN AND	CONTAINMENT	LOCA/MSLB 270°/350°F 43.2/42.8 PSIG C5X107R	PAGE 62	BASIS #28	
	ELECTRICAL CONNECTIONS SV0518 SV0519 SV0520 SV0521 / 1SS65-AT SV0399 SV0397 SV0394 SV0401 1WD10-CT 1WD12-CT 1WD9-CT 1WD3-CT / 1WD4P-CT	RAYCHEM WCSF-N SPLICES AND BUCHANAN BLOCKS 2B112N			AND	PAGE 65 AND PAGE 64	NONE NONE

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 260

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 57 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>1SS65-AT</i>	<i>CONTROL WIRES FOR SOLENOID VALVES</i> <i>SV0518 SV0519 SV0520 SV0521</i>	<i>CABLES FROM GENERIC GROUPINGS</i>	<i>CONTAINMENT & OTHERS</i>	<i>LOCA/MSLB 271°/350°R 43.2/42.8 PSIG. < 5 x 10⁷R (CONTAINMENT ONLY)</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLES QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>1SS30P-AT</i>	<i>SV0518 SV0519</i>						
<i>1SS30-AT</i>	<i>SV0518 SV0519</i>						
<i>1SS31P-AT</i>	<i>SV0520</i>						
<i>1SS31-AT</i>	<i>SV0520</i>						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 58 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1SS32P-AT	CONTROL WIRES FOR SOLENOID VALVES SV0521	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG 2.5x10 ⁷ R (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLES QUALIFIED TO WORST CASE ENVIRONMENT ↓
1SS32-AT	SV0521						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 59 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>POSITION INDICATION WIRE FOR LIMIT SWITCH FOR VALVE</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>CONTAINMENT & OTHERS</i>	<i>LOCA/MSLB 271/350°F 43.2/42.8 PSIG (5x10⁷R (CONTAINMENT ONLY)</i>	<i>PAGE 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>15537-AT</i>	<i>155110</i>	↓	↓	↓	↓	↓	↓
<i>15538-AT</i>	<i>155107</i>						
<i>15530P-AT</i>	<i>155110 155107</i>						
<i>15530-AT</i>	<i>155110 155107</i>						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 263

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 60 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POSITION INDICATION WIRE FOR LIMIT SWITCH FOR VALVE	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271 /350°F 43.2/42.8 PSIG (5 x 10 ⁷ R (CONTAINMENT ONLY)	PAGE 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
15536-AT	155104	↓	↓	↓	↓	↓	↓
15531P-AT	155104	↓	↓	↓	↓	↓	↓
15531-AT	155104	↓	↓	↓	↓	↓	↓
15539-AT	155103	↓	↓	↓	↓	↓	↓
15532P-AT	155103	↓	↓	↓	↓	↓	↓
15532-AT	155103	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 264

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 61 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET. 1 - 14	ELECTRICAL CONNECTION FOR ASSOCIATED CABLES FOR CONTROL & POSITION INDICATION FOR VALVES 155110, 155107, 155104 {155103	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT {ELEC. PENET.	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5X 10 ⁷ R {CONTAINMENT ONLY}	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 62 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1WD4P-CT	CONTROL WIRES FOR SOLENOID VALVES	CABLES FROM GENERIC. GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271 / 350 °F 43.2 / 42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGE 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1WD4-CT	SV0399 SV0397 SV0394 SV0401						
	SV0399 SV0897 SV0894 SV0401						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 366

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 63 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1WD10-CT	CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR VALVE	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271/350°F 43.2/42.8 PSIG (5X10 ⁷ R (CONTAINMENT ONLY)	PAGE 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1WD12-CT	1WL12						
1WD9-CT	1WL16						
1WD3-CT	1WL96						
1WD4P-CT	1WL98 1WL12 1WL16 1WL96						
1WD4-CT	1WL98 1WL12 1WL16 1WL96						

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 64 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET. 1-16	ELECTRICAL CONNECTION FOR ASSOCIATED CABLES FOR CONTROL & POSITION INDICATION FOR VALVES IWL98 IWL12 IWL16 IWL96	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT (ELEC. PENET.)	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁻⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 65 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0805	PILOT VALVE CONTROL FOR IVC4 PURGE AIR OUTLET OUTSIDE ISOLATION	SOLENOID VALVE ASCO NT 834475 (UNIT 2) NP834474E (UNIT 1)	MECH. PEN. 100' ↓	NEBA 225°F 1 PSIA < 5X10 ⁻² R ↓	PAGE 36 (UNIT 1) PAGE 36A (UNIT 2)	BASIS #17 ↓	
SV1024	↓	ASCO NT 834477 (UNIT 2) NP834476E (UNIT 1)	↓	↓	PAGE 35 (UNIT 1) PAGE 35A (UNIT 2)	↓	
SV0803	IVC3 PURGE AIR OUTLET INSIDE ISOLATION	ASCO NP 834474E	CONTAINMENT ↓	LOCA/MSLB 571°/350°F 4.8/42.75KG < 5X10 ⁻² R ↓	PAGE 60 ↓	NONE ↓	
SV1022	↓	ASCO NP 834476E	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVES	LIMIT SWITCH	MECH. PEN. 100'	HEBA 285°F 1 PSIG < 5x10 ³ R	PAGE 4A (UNIT 1) PAGE 44A (UNIT 2)	BASIS #18A	
1VC1		MASONIELAN 496-2 (UNIT 2) NAMCO EA-180 (UNIT 1)					
1VC2		MASONIELAN 496-2	CONTAINMENT	LOCA / MELB 871° / 950°F 43.2 / 42.8 PSIG < 5x10 ³ R	PAGE 71B (UNIT 1) PAGE 77L (UNIT 2)	BASIS #18B	
1VC3							
1VC4		MASONIELAN 496-2 (UNIT 2) NAMCO EA-180 (UNIT 1)	MECH. PEN. 100'	HEBA 285°F 1 PSIG < 5x10 ³ R	PAGE 4A (UNIT 1) PAGE 44A (UNIT 2)	BASIS #18A	

Revision 2

SALEM GENERATING STATION
UNITS 1 AND 2
EQUIPMENT QUALIFICATION -
ENVIRONMENTAL

PAGE 270

MASTER LIST
ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 67 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>(INTENTIONALLY LEFT BLANK)</i>							

Revision

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND EXPECTED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 68 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
SV0804	PILOT VALVE CONTROL FOR IVC1 PURGE AIR INLET OUTSIDE ISOLATION	SOLENOID VALVE UNIT-1- ASCO NP8344A74E UNIT-2- ASCO NT8344A75	MECH. PEN. 100' ↓	HEBA 885°F 1 PSIG < 5X10 ⁻² R ↓	PAGE 35C (UNIT-1) PAGE 94A (UNIT-2)	BASIS #17 ↓	
SV1023	↓	UNIT-1- ASCO NP8344A76E UNIT-2- ASCO NT8344A77	↓	↓	PAGE 34A (UNIT-1) PAGE 93 (UNIT-2)	↓	
SV0802	IVC2 PURGE AIR INLET INSIDE ISOLATION ↓	ASCO NP8344A74E (UNIT2) NP831054E (UNIT1) 200-381-3F (UNIT1) LB-88146 (UNIT1) NP80065 (UNIT2)	CONTAINMENT ↓	LOCA / NSLB 871° / 350°F 43.2 / 42.8 PSIG < 5X10 ⁻² R ↓	PAGE 60 THRU PAGE 60B (UNIT1) PAGE 60C (UNIT2)	NONE ↓	
SV1021	↓	ASCO NP8344A76E (UNIT2)	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 272

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 69 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SOLENOID JUNCTION Box FOR IVC1	ENCLOSURE FOR IVC1 L. SW. SV0804 SV1023 AND ELECTRICAL CONNECTIONS IVC1 L. SW. SV0804 SV1023 / IVNT21A-BT	JUNCTION Box WITH INTEGRAL TERMINAL BLOCK(S) PSE & G DESIGN WITH BUCHANAN BLOCK 2B112N AND RAYCHEM CABLE SPICES WCSF-N	MECH. PENET. 100'	HEBRA 285°F 1 PSIG ≤ 5x10 ⁷ R	PAGE 64 AND PAGE 65	NONE	
SOLENOID JUNCTION Box FOR IVC4	ENCLOSURE FOR IVC4 L. SW. SV0805 SV1024 AND ELECTRICAL CONNECTIONS IVC4 L. SW. SV0805 SV1024 / IVNT21B-BT						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 70 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SOLENOID JUNCTION BOX FOR IVC2	ENCLOSURE FOR IVC2 L. SW. SV0802 SV1021 AND ELECTRICAL CONNECTIONS IVC2 L. SW. SV0802 SV1021 / IVNT26PA-AT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE&G DESIGN WITH BUCHANAN BLOCKS 2B112N AND RAYCHEM CABLE SPLICES WCSF-N	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG L 5X10 ⁷ R	PAGE 64 AND PAGE 65	NONE	
SOLENOID JUNCTION BOX FOR IVC3	ENCLOSURE FOR IVC3 L. SW. SV0803 SV1022 AND ELECTRICAL CONNECTIONS IVC3 L. SW. SV0803 SV1022 / IVNT26PB-AT						

Revision 1

SALEM GENERATING STATION
UNITS 1 AND 2
EQUIPMENT QUALIFICATION -
ENVIRONMENTAL

MASTER LIST
ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 274

SYSTEM CONTAINMENT ISOLATION

SHEET 71 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
		<i>INTENTIONALLY</i>	<i>LEFT</i>	<i>BLANK</i>			

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 275

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 72 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JT-527(UNIT1) JT-529(UNIT2)	ELECTRICAL CONNECTIONS IVNT21A-BT IVNT21B-BT IVNT21-BT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE & G DESIGN WITH BUCHANAN BLOCK: 2B112N	MECH. PENET. 100'	HEBA 285°F 1 PSIG < 5x10 ⁷ R	PAGE 64 ↓	NONE ↓	
JT-526(UNIT1) JT-528(UNIT2)	ELECTRICAL CONNECTIONS IVNT26PA-AT IVNT26PB-AT IVNT26-AT	↓	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R	↓	↓	

Revision 1

SALEM GENERATING STATION
UNITS 1 AND 2
EQUIPMENT QUALIFICATION -
ENVIRONMENTAL

MASTER LIST
ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 276

SYSTEM CONTAINMENT ISOLATION

SHEET 73 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
		<u>INTENTIONALLY</u>	<u>LEFT</u>	<u>BLANK</u>			

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 277

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 74 OF 126

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
IVNT21A-BT	CONTROL WIRES FOR SOLENOID VALVES	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271 /350°F 43.2/42.8 PSIG < 5x10 ² R (CONTAINMENT ONLY)	PAGE 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IVNT21B-BT	SV0804 SV1023	↓	↓	↓	↓	↓	↓
IVNT21-BT	SV0805 SV1024	↓	↓	↓	↓	↓	↓
IVNT26PA-AT	SV0804 SV1023 SV0805 SV1024	↓	↓	↓	↓	↓	↓
IVNT26PB-AT	SV0802 SV1021	↓	↓	↓	↓	↓	↓
IVNT26PB-AT	SV0803 SV1022	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 75 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
1VNT26P-AT	CONTROL WIRES FOR SOLENOID VALVES SV0802 SV1021 SV0803 SV1022	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSEB 271 / 350°F 43.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
1VNT26-AT	SV0802 SV1021 SV0803 SV1022						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 279

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 76 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>IVNT21A-BT</i>	<i>CONTROL / SIGNAL WIRE FOR LIMIT SWITCH FOR VALVE IVC1</i>	<i>CABLE FROM GENERIC GROUPINGS</i>	<i>MECH. PENET. 100' & OTHERS</i>	<i>N/A</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>IVNT21B-BT</i>	<i>IVC4</i>	↓	↓	↓	↓	↓	↓
<i>IVNT21-BT</i>	<i>IVC1 IVC4</i>	↓	↓	↓	↓	↓	↓
<i>IVNT26PA-AT</i>	<i>IVC2</i>	↓	<i>CONTAINMENT</i>	<i>LOCA / MSLB 271° / 350° F 43.2 / 42.8 PSIG < 5x10⁷ R</i>	↓	↓	↓
<i>IVNT26PB-AT</i>	<i>IVC3</i>	↓	↓	↓	↓	↓	↓
<i>IVNT26-AT</i>	<i>IVC2 IVC3</i>	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 77 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IVNT26-AT	CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR VALVE 1VC2 1VC3	CABLE FROM GENERIC GROUPINGS	ELEC. PENET. & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS # 1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT

Revision 1

SALEM GENERATING STATION
UNITS 1 AND 2
EQUIPMENT QUALIFICATION -
ENVIRONMENTAL

MASTER LIST
ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 281

SYSTEM CONTAINMENT ISOLATION

SHEET 78 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
		<i>INTENTIONALLY</i>	<i>LEFT</i>	<i>BLANK</i>			

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 282

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 79 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET. 1-14	ELECTRICAL CONNECTION FOR ASSOCIATED CABLES FOR CONTROL & POSITION INDICATION FOR VALVES IVC2 IVC3	CONTAINMENT ELECTRICAL PENETRATION CONAX CANNISTER TYPE	CONTAINMENT & ELEC. PENET	LOCA/MSLB 2717350°F 43.2/42.8 PSI < 5A107R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 283

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 80 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0558	PILOT VALVE CONTROL FOR 11CA 330 INSTRUMENT AIR OUTSIDE ISOLATION	SOLENOID VALVE ASCO X8342B22 (UNIT 2) WP8342B23E (UNIT 1)	MECH PEN-100	HEBA 285°F 1 PSI < 5X10 ⁷ R	PAGE 33 (UNIT 1) PAGE 33A (UNIT 2)	Basis #17	
SV0559	12CA 330 INSTRUMENT AIR OUTSIDE ISOLATION	↓	MECH. PEN-78	HEBA 212°F 1 PSI < 5X10 ⁷ R	↓	↓	

REVISION 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 284

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 81 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POSITION INDICATION FOR VALVE 11CA380	LIMIT SWITCH MASONIELAN 996-2 (UNIT 1) NAMCO EA-180 (UNIT 2)	MECH PEN-100	HEBA 285°F 1 PSIG < 6X10 ³ R	PAGE 44 (UNIT 1) PAGE 44A (UNIT 2)	BASIS #10A	
	125A339	↓	MECH PEN-75	HEBA 212°F 1 PSIG < 6X10 ³ R	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 82 OF 120

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL-713	ENCLOSURE FOR SVO658 AND ELECTRICAL CONNECTIONS SVO658 ICA2B-AT / ICA2L-AT	INSTRUMENT ENCLOSURE PSE&G DESIGN AND BUCHANAN BLOCK 2B112N ↓	MECH. PEN.-100	HEBA 285°F 1 PSIG L5x10'R	PAGE 62 AND PAGE 64 ↓	NONE ↓	
PANEL-714	ENCLOSURE FOR SVO659 AND ELECTRICAL CONNECTIONS SVO659 ICA2J-BT / ICA2M-BT	↓	MECH. PEN.-78	HEBA 212°F 1 PSIG L5x10'R	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 83 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1CA2L-AT	CONTROL WIRES FOR SOLENOID VALVES SV0558	CABLES FROM GENERIC GROUPINGS ↓	MECH. PEN-100 & OTHERS	N/A ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
1CA2M-BT	SV0559	↓	MECH. PEN-78 & OTHERS	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 287

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 84 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1CA2B-AT	POSITION INDICATION WIRE FOR LIMIT SWITCH FOR VALVE 11CA330	CABLE FROM GENERIC GROUPINGS	MECH.PEN.-100 & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1CA2L-AT	11CA330	↓	↓	↓	↓	↓	↓
1CA2J-BT	12CA330	↓	MECH.PEN.-78 & OTHERS	↓	↓	↓	↓
1CA2M-BT	12CA330	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 85 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0395	PILOT VALVE CONTROL FOR IWL17 REACTOR CAVITY SUMP PUMP DISCHARGE TO WASTE DISPOSAL OUTSIDE ISOLATION	SOLENOID VALVE ASCO MV202-302-1F (UNIT 2) ASCO FT8321A2 (UNIT 2) 200-381-GRF (UNIT 1)	MECH. RM. - 100	HEBA 285°F 1 PSI 45X10 ⁷ R	PAGE 84 (UNIT 2) PAGE 39A (UNIT 2) PAGE 89 (UNIT 1)	BASIS 17	
SV0402	IWL108 N ₂ SUPPLY R.C.D.T. OUTSIDE ISOLATION	ASCO FT8321A2 (UNIT 2) 200-381-GRF (UNIT 1)	↓		PAGE 89 (UNIT 1) PAGE 39A (UNIT 2)		
SV0396	IWL13 RCPT PUMP DISCH. OUTSIDE ISOLATION	ASCO LB8300B64RU (UNIT 2) ASCO 200-381-GRF (UNIT 1)			PAGE 95 (UNIT 2) PAGE 89 (UNIT 1)		
SV0400	IWL97 GAS ANALYZER FROM R.C.D.T. OUTSIDE ISOL.	ASCO FT8314B6 (UNIT 2) 200-381-GRF (UNIT 1)			PAGE 97 (UNIT 1) PAGE 97A (UNIT 2)		
SV0398	IWL99 R.C.D.T. VENT OUTSIDE ISOLATION	ASCO FT8321A2 (UNIT 2) 200-381-GRF (UNIT 1)		↓			PAGE 89 (UNIT 1) PAGE 39A (UNIT 2)

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 289

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 86 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL / POSITION INDICATION FOR VALVE IWL17	LIMIT SWITCH MASONELLAN 496-2 (UNIT 2) NAMCO EA-180 (UNIT 1)	MECH, PEN-75	HEBA 212°F 1 PSIG 5.5X10 ⁷ R	PAGE 44 (UNIT 1) PAGE 44A (UNIT 2)	BASIS #18A	
	IWL108	NAMCO D-2400X-ST & D-2400X-ST-SR (for UNIT 2 only) EA-180 (UNIT 1)			PAGE 42 PAGE 43 (UNIT 1) PAGE 42A PAGE 43A (UNIT 2)		
	IWL13						
	IWL97						
	IWL99						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 290

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 87 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JT-56 (UNIT 1) JT-57 (UNIT 2)	ELECTRICAL CONN. IWD25-BT IWD15-BT IWD29-BT / IWD65-BT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE&G DESIGN WITH BUCHANAN BLOCKS 2B112N	MECH. PEN- 78	HEBA 212°F 1PSIG < 5X10 ⁷ R	PAGE 64	NONE	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 291

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 88 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 311	ENCLOSURE FOR SV0395 SV0402 SV0396 SV0400 SV0398	3 BAY INSTRUMENT PANEL PSE&G DESIGN	MECH. PEN-100	HEBA 285°F 1PSIG C5X107R	PAGE 62	NONE	
	AND ELECTRICAL CONNECTIONS SV0395 SV0402 SV0396 SV0400 SV0398 IND65-BT IND16-BT	AND BUCHANAN BLOCKS 28112N			AND	PAGE 64	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 292

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 89 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>IWD16-BT</i>	<i>CONTROL WIRES FOR SOLENOID VALVES SV0395 SV0402 SV0396 SV0400 SV0398</i>	<i>CABLES FROM GENERIC GROUPINGS</i>	<i>MECH.PEN.100 & OTHERS</i>	<i>N/A</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>

Revision 1

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 90 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IWD25-BT	CONTROL/SIGNAL WIRE FOR LIMIT SWITCH FOR VALVE	CABLE FROM GENERIC GROUPINGS	MECH. PEN. TB & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IWD15-BT	IWL17 IWL97	↓	↓	↓	↓	↓	↓
IWD29-BT	IWL108 IWL99	↓	↓	↓	↓	↓	↓
IWD65-BT	IWL13	↓	↓	↓	↓	↓	↓
IWD16-BT	IWL17 IWL108 IWL13 IWL97 IWL99	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 91 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0928	PILOT VALVE CONTROL FOR IVCS PRESSURE + VACUUM RELIEF DAMPER	SOLENOID VALVE ASCO HT8344A75 (UNIT 2) NP8344A79E (UNIT 1)	MECH. PEN.-100	NEBA 285°F 1 PSIG <5X10 ⁷ R	PAGE 94 (UNIT 1) PAGE 94A (UNIT 2)	BASIS 417	
SV1025		ASCO, NP 8344A79E (UNIT 1) HT-8344A75 (UNIT 2)					
SV0927	IVC6	ASCO NP-8316S4E 206-881-0F LB-83146 (UNIT 1)	CONT.	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5X10 ⁷ R	PAGE 60 PAGE 60A PAGE 60B (UNIT 1) PAGE 60C (UNIT 2)	NONE	
SV1026	IVC6	NP SERIES (UNIT 2)					

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 295A

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND QUALIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 22 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFS	REMARKS
	CONTROL / POSITION INDICATION FOR VALVES IVC5	LIMIT SWITCH MASON EILEN 496-2 (UNIT 2) NAMCO EA-180 (UNIT 1)	MECH. PEN.-190	HEBA <10 ⁵ R	PAGE 44 (UNIT 1) PAGE 44F (UNIT 2)	BASIS #18A	
	IVC6	MASON EILAN 496-2 (UNIT 2) NAMCO EA740 (UNIT 1)	CONT.	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁷ R	PAGE 77A (UNIT 1) PAGE 77C (UNIT 2)	BASIS #18B	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 93 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SOLENOID VALVE JUNCTION BOX	ENCLOSURE FOR SV0928 SV1025 L.SW FOR IVCS AND ELECTRICAL CONNECTION SV0928 SV1025 L.SW(IVCS) / IVNT20A-8T	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE+G DESIGN WITH BUCHANAN BLOCK(S) ZB112N	MECH.PEN.-100	HEBA 285°F 1 PSIG <5X10 ⁷ R	PAGE 64	NONE	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 295C

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 94 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
PANEL 317	ELECTRICAL CONNECTION INVT20A-BT/ /INVT20-BT	INSTRUMENT RACK PSE #6 DESIGN WITH BUCHANAN BLOCK(S) 2B112N	MECH.PEN-100	HEBA 285°F 1 PSIG <5X10 ⁷ R	PAGE 62 PAGE 64	NONE NONE	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 95 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITMS	REMARKS
SOLENOID VALVE JUNCTION BOX	ENCLOSURE FOR SV0927 SV1026 L.S.W. FOR IVC6 AND ELECTRICAL CONNECTION SV0927 SV1026 L.S.W. (IVC6) / INVT29PA-CT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) P.S.E. 46 DESIGN WITH BUCHANAN BLOCK(S) MODEL 28112N ↓	CONTAINMENT ↓	LOCA / MSLB 271° / 350° F 43.2 / 42.8 PSIG ≤ 5x10 ⁷ R ↓	PAGE 64 ↓	NONE ↓	
JT 524 (UNIT-1) JT 525 (UNIT-2)	ELECTRICAL CONNECTION / INVT29PA-CT / INVT29P-CT	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 295E

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 96 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>PENET. 1-16</i>	<i>ELECTRICAL CONNECTION FOR ASSOCIATED CABLES FOR CONTROL & POSITION INDICATION FOR VALVE 1VC6</i>	<i>CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE</i>	<i>CONTAINMENT & ELEC. PEN.</i>	<i>LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10⁻⁷R (CONTAINMENT ONLY)</i>	<i>PAGE 66</i>	<i>NONE</i>	<i>QUALIFIED TO WORST CASE ENVIRONMENT</i>

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 295F

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 97 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
1VNT20A-BT	CONTROL WIRE FOR SOLENOID VALVES SV 0928 SV 1025 AND CONTROL / INDICATION WIRE FOR LIMIT SWITCH FOR VALVE	CABLE FROM GENERIC GROUPINGS	MECH. PEN. 100' & OTHERS	N/A	PAGE 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1VNT20-BT							

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 2956

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 98 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
IVNT29PA-CT	CONTROL WIRE FOR SOLENOID VALVES SV0927 & SV1026 ↓ CONTROL/INDICATION WIRE FOR LIMIT SWITCH FOR VALVE	CABLE FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.0 PSIG < 5x10 ² R (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
IVNT29P-CT							
IVNT29-CT							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 29 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV1077	PILOT VALVE CONTROL FOR CONTAINMENT ATMOS. SAMPLE OUT ISOLATION VALVE IVC7 11 - REGULAR CONTROL	SOLENOID VALVES ASCO 206-391-6F	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIA ≤ 5 X 10 ⁷ R	PAGE 60	NONE	
SV1078	IVC8 12 - REGULAR CONTROL	ASCO X 834253 (UNIT #2) 206-381-6F (UNIT #1)	ELEC. PENET.	RECIRC. ≤ 10 ⁵ R	PAGE 89 (UNIT #2) PAGE 32A (UNIT #1)	BASIS #17	
SV1079	IVC9 11 - BACK-UP CONTROL	ASCO NP-831654E2 206-381-3F (UNIT #1) LB-83146 } NP SERIES (UNIT #2)	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIA ≤ 5 X 10 ⁷ R	PAGE 60 T-20 PAGE 60B (UNIT #1) PAGE 60C (UNIT #2)	NONE	
SV1080	IVC10 12 - BACK-UP CONTROL	ASCO X 834253 (UNIT #2) 206-381-6F (UNIT #1)	ELEC. PENET.	RECIRC. ≤ 10 ⁵ R	PAGE 89 (UNIT #2) PAGE 32A (UNIT #1)	BASIS #17	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION *
 ENVIRONMENTAL

PAGE 297A

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 100 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVES IVC7	LIMIT SWITCH NAMCO EA180-11302	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R	PAGE 61	NONE	
	IVC8	NAMCO D-2400X (UNIT 2) EA-180 (UNIT 1)	ELEC. PENET.	RECIRC. < 10 ⁶ R	PAGE 45 (UNIT 1) PAGE 45A (UNIT 2)	BASIS # 18A	
	IVC9	NAMCO EA180-11302	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R	PAGE 61	NONE	
	IVC10	NAMCO D-2400X (UNIT 2) EA-180 (UNIT 1)	ELEC. PENET.	RECIRC. < 10 ⁶ R	PAGE 45 (UNIT 1) PAGE 45A (UNIT 2)	BASIS # 18A	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 297B

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 101 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JT-576 (UNIT #1)	ELECTRICAL CONNECTIONS IRMS111-BT/ IRMS106P-BT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCKS PSE & G DESIGN WITH BUCHANAN BLOCK(S) 2B112N	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R	PAGE 64	NONE	
JT-578 (UNIT #2)	2RMC4PB-BT/ 2RMC4P-BT	↓			↓	↓	
JT-580 (UNIT #1)	IRMS94-AT/ IRMS91-AT		ELEC. PENET.	RECIRC. < 10 ⁵ R			
JT-582 (UNIT #2)	2RMC2B-AT/ 2RMC2-AT						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 297C

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 102 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JT-577 (UNIT #1) JT-579 (UNIT #2)	ELECTRICAL CONNECTIONS IRMS177-CT/ /IRMS176P-CT 2RMC3PB-CT/ /2RMC3P-CT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) P.S.E & G. DESIGN WITH BUCHANAN BLOCK(S) 2B112N ↓	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG ≤ 5 x 10 ⁷ R	PAGE 64 ↓	NONE ↓	
JT-581 (UNIT #1) JT-583 (UNIT #2)	IRMS181-CT/ /IRMS179-CT 2RMC18-CT/ /2RMC1-CT	↓	ELEC. PENET.	RECIRC. ≤ 10 ⁵ R	↓	↓	

REVISION 1

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 297D

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 103 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET 1-41	IVCT	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT'S ELECT. PEN.	LOCA/MSLB 271°/350°F 43.2/42.8 PPM 2.5 x 10 ⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
PENET 1-37	IVC9						

REVISION 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 297E

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 104 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1RMS111-BT (UNIT #1) 2RMC4PB-BT (UNIT #2) 1RMS106P-BT (UNIT #1) 2RMC4P-BT (UNIT #2) 1RMS106-BT (UNIT #1) 2RMC4-BT (UNIT #2)	CONTROL WIRES FOR SOLENOID VALVE SV1077 AND CONTROL/INDICATION WIRES FOR LIMIT SWITCH FOR VALVE IVC7	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8PSIG $< 5 \times 10^7 R$ (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
							REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 297F

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT Isolation

SHEET 105 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1RMS94-AT (UNIT #1) 2RMC2B-AT (UNIT #2) 1RMS91-AT (UNIT #1) 2RMC2-AT (UNIT #2)	CONTROL WIRES FOR SOLENOID VALVE SV1078 AND CONTROL/INDICATION WIRES FOR LIMIT SWITCH FOR VALVE IVC8	CABLE FROM GENERIC Groupings ↓	ELEC. PEN. & OTHERS ↓	N/A ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 297G

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 106 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1RMS177-CT (UNIT #1) 2RMC3PB-CT (UNIT #2) 1RMS176P-CT (UNIT #1) 2RMC3P-CT (UNIT #2) 1RMS176-CT (UNIT #1) 2RMC3-CT (UNIT #2)	CONTROL WIRES FOR SOLENOID VALVE SV1079 AND CONTROL/INDICATION WIRES FOR LIMIT SWITCH FOR VALVE 1VC9	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.0 PSIA < 5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
							REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 297 H

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 107 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1RMS1B1-CT (UNIT #1)	CONTROL WIRES FOR SOLENOID VALVE SV1080 AND CONTROL/INDICATION WIRES FOR LIMIT SWITCH FOR VALVE IVC10	CABLE FROM GENERIC GROUPINGS	ELEC. PENET. & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
2RMC1B-CT (UNIT #2)							
1RMS179-CT (UNIT #1)							
2RMC1-CT (UNIT #2)							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

PAGE 298

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 108 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV10B1	PILOT VALVE CONTROL FOR CONTAINMENT ATMOS. SAMPLE INLET ISOL. VALVE IVC11 11- REGULAR CONTROL	SOLENOID VALVES ASCO NPTB1654E 200-381-3F (UNIT 1) LB-8314G NP SERIES (UNIT 2)	CONTAINMENT	LOCA/MSLB 271°/350°F 43.8/42.8 PSIG <5x10 ⁵ R	PAGE 60 THRU PAGE 60B (UNIT 1) PAGE 60C (UNIT 2)	NONE	
SV10B2	IVC12 12- REGULAR CONTROL	ASCO XB342B3 (UNIT #2) 200-381-6RF (UNIT #1)	ELEC. PENET.	RECIRC <10 ⁵ R	PAGE 69 (UNIT #2) PAGE 32A (UNIT #1)	BASIS # 17	
SV10B3	IVC13 11- BACK-UP CONTROL	ASCO	CONTAINMENT	LOCA/MSLB 271°/350°F 43.8/42.8 PSIG <5x10 ⁵ R	PAGE 60 THRU PAGE 60B (UNIT 1) PAGE 60C (UNIT 2)	NONE	
SV10B4	IVC14 12- BACK-UP CONTROL	ASCO XB342B3 (UNIT #2) 200-381-6RF (UNIT #1)	ELEC. PENET.	RECIRC <10 ⁵ R	PAGE 69 (UNIT #2) PAGE 32A (UNIT #1)	BASIS # 17	

Revision 2

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 299A

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 109 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL / POSITION INDICATION FOR VALVES IVC11	LIMIT SWITCH NAMCO EA180-11302	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG ≤ 5X10 ⁷ R	PAGE 61	NONE	
	IVC12	NAMCO D-2400X (UNIT2) EA-180 (UNIT1)	ELEC. PENET.	RECIRC ≤ 10 ⁵ R	PAGE 45 (UNIT1) PAGE 45A (UNIT2)	BASIS #18A	
	IVC13	NAMCO EA180-11302	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG ≤ 5X10 ⁷ R	PAGE 61	NONE	
	IVC14	NAMCO D-2400X (UNIT2) EA-180 (UNIT1)	ELEC. PENET.	RECIRC ≤ 10 ⁵ R	PAGE 45 (UNIT1) PAGE 45A (UNIT2)	BASIS #18A	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 299B

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 110 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITMS	REMARKS
JT-576 (UNIT #1)	ELECTRICAL CONNECTIONS IRMS110-BT/IRMS106P-BT	JUNCTION BOX WITH INTEGRAL TERM. BLOCK(S) PSE & G DESIGN WITH BUCHANAN BLOCK(S) 2B112N	CONTAINMENT ↓	LOCA / MSLB 271°/350°F 43.2/42.8 PSIG <5 x 10 ⁷ R ↓	PAGE 64 ↓	NONE ↓	
JT-578 (UNIT #2)	2RMC4PA-BT/2RMC4P-BT	↓	↓	↓	↓	↓	
JT-580 (UNIT #1)	IRMS93-AT/IRMS91-AT	↓	ELEC. PEN. ↓	RECIRC. <10 ⁵ R ↓	↓	↓	
JT-582 (UNIT #2)	2RMC2A-AT/2RMC2-AT	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 299C

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 111 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JT-577 (UNIT #1)	ELECTRICAL CONNECTIONS IRMS178-CT/IRMS176P-CT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE & G DESIGN WITH BUCHANAN BLOCK(S) 2B112N	CONTAINMENT ↓	LOCA/MSLB 271/350°F 43.2/42.8 PSIG <5X10 ⁷ R ↓	PAGE 64 ↓	NONE ↓	
JT-579 (UNIT #2)	2RMC3PA-CT/2RMC3P-CT	↓					
JT-581 (UNIT #1)	IRMS180-CT/IRMS179-CT		ELEC. PEN. ↓	RECIRC. <10 ⁵ R ↓			
JT-583 (UNIT #2)	2RMC1A-CT/2RMC1-CT						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 299D

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 112 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>PENET. 1-41</i>	<i>ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR CONTROL & POSITION INDICATION FOR VALVES</i> <i>IVC11</i>	<i>CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE</i> ↓	<i>CONTAINMENT & ELEC. PENET.</i> ↓	<i>LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5 x 10⁷R (CONTAINMENT ONLY)</i> ↓	<i>PAGE 66</i> ↓	<i>NONE</i> ↓	<i>QUALIFIED TO WORST CASE ENVIRONMENT</i> ↓
<i>PENET. 1-37</i>	<i>IVC13</i>						

REVISION 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 299E

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 113 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1RMS110-BT (UNIT #1)	CONTROL WIRES FOR SOLENOID VALVE SV1077 AND	CABLE FROM GENERIC GROUPING	CONTAINMENT AND OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5 x 10 ⁻⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
2RMC4PA-BT (UNIT #2)	CONTROL/INDICATION WIRES FOR LIMIT SWITCH FOR VALVE IVC7						
1RMS106P-BT (UNIT #1)							
2RMC4P-BT (UNIT #2)							
1RMS106-BT (UNIT #1)							
2RMC4P-BT (UNIT #2)							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 299G

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 115 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1RMS178-CT (UNIT #1)	CONTROL WIRES FOR SOLENOID VALVE SV1079	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271/350°F 43.2/42.8 PSIG (5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
2RMC3PA-CT (UNIT #2)	CONTROL/INDICATION WIRES FOR LIMIT SWITCH FOR VALVE IVC9	↓	↓	↓	↓	↓	↓
1RMS176P-CT (UNIT #1)	↓	↓	↓	↓	↓	↓	↓
2RMC3P-CT (UNIT #2)	↓	↓	↓	↓	↓	↓	↓
1RMS176-CT (UNIT #1)	↓	↓	↓	↓	↓	↓	↓
2RMC3-CT (UNIT #2)	↓	↓	↓	↓	↓	↓	↓
							REVISION 1

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 116 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IRMS180-CT (UNIT #1) 2RMC1A-CT (UNIT #2) IRMS179-CT (UNIT #1) 2RMC1-CT (UNIT #2)	CONTROL WIRES FOR SOLENOID VALVE SV10B0 AND CONTROL/INDICATION WIRES FOR LIMIT SWITCH FOR VALVE IVC10 ↓	CABLE FROM GENERIC GROUPINGS ↓	ELEC. PEN + OTHERS ↓	N/A ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓ REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

PAGE 292I

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 117 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0505	PILOT VALVE CONTROL FOR 1PR18 PRESSURIZER RELIEF TANK TO GAS ANALYZER OUTSIDE ISOLATION	SOLENOID VALVE ASCO NP-8320R184E (UNIT1) ASCO LB831486 (UNIT2)	MECH PEN 7B	HEBA 212°F 1 PSIG (5X10 ⁷ R)	PAGE 37 (UNIT1) PAGE 103 (UNIT2)	BASIS 17	
SV0506	1PR17 PRESSURIZER RELIEF TANK TO GAS ANALYZER INSIDE ISOLATION	ASCO NP831654E 200-381-8F } (UNIT1) LB-83146 } NP SERIES (UNIT2)	CONTAINMENT	LOCA/MSLB 27°/350°F 13.3/42.8 PSIG (5X10 ⁷ R)	PAGE 60 THRU PAGE 60B (UNIT1) PAGE 60C (UNIT2)	NONE	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 299J

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 118 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0423	PILOT VALVE CONTROL FOR INT25 NITROGEN SUPPLY TO PRESSURIZER RELIEF TANK OUTSIDE ISOLATION	SOLENOID VALVE ASCO FTB34B6 (UNIT2) NPB320A184E (UNIT1)	MECH.PEN-100	HEBA 285°F 1PSIG (5X10 ⁷ R)	PAGE 97B (UNIT1) PAGE 97C (UNIT2)	BASIS 17 ↓	
SV0507	IWR80 PRIMARY WATER MAKE-UP STOP TO PRESSURIZER RELIEF OUTSIDE ISOLATION	ASCO 200-391-GRF (UNIT1) ASCO HV 202-302-1F (UNIT2)	MECH.PEN-78	HEBA 212°F 1PSIG (5X10 ⁷ R)	PAGE 39 (UNIT1) PAGE 39 (UNIT2)		

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 299K

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 119 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POSITION INDICATION FOR VALVE IPR18 PRESSURIZER RELIEF TANK TO GAS ANALYZER OUTSIDE ISOLATION	LIMIT SWITCH NAMCO EA-180	MECH.PEN.-78	HEBA 212°F 1PSIG <5x10 ⁷ R	PAGE 102	BASIS # 18A	
	IPR17 PRESSURIZER RELIEF TANK TO GAS ANALYZER INSIDE ISOLATION		CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁷ R	PAGE 191	BASIS # 18B	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 120 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVE INT25 NITROGEN SUPPLY TO PRESSURIZER RELIEF TANK OUTSIDE ISOLATION	LIMIT SWITCH NAMECO D2400X-ST D2400X-ST-SR (UNIT 2) EA-180 (UNIT 1)	MECH.PEN-78	HEBA 212°F 1PSIG <5 X 10 ⁷ R	PAGES 42A3 (UNIT 1) PAGES 42A, 43A (UNIT 2)	BASIS # 17A	
	IWR80 PRIMARY WATER MAKE-UP STOP TO PRESSURIZER RELIEF OUTSIDE ISOLATION						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 299M

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 121 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JN-141 (UNIT #1) JN-149 (UNIT #2)	ELECTRICAL CONNECTIONS IPRZ47A-BT/IPRZ47-BT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE & G DESIGN WITH BUCHANAN BLOCK(S) 2B112N	MECH. PEN - 78	HEBA 212°F 1PSIG (5x10 ⁷ R)	PAGE 64	NONE	
JN-142 (UNIT #1) JN-145 (UNIT #2)	IPRZ45A-BT/IPRZ45-BT						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

PAGE 299N

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 122 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JN-140 (UNIT #1) JN-148 (UNIT #2)	ELECTRICAL CONNECTIONS SV0506 L.S.W. IPR17/ /IPR243P-AT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE39 DESIGN WITH BUCHANAN BLOCK(S) 2B112N AND RAYCHEM SPLICES WCSF-N	CONTAINMENT ↓	LOCA/MSLB 271°/350°F 43.2/42.0 PSSG. 5.5X10 ⁷ R ↓	PAGE 64 PAGE 65	NONE ↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 299 0

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 123 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET. 1-14	ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR CONTROL AND POSITION INDICATION FOR IPR17	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT 3/4 ELEC. PENET.	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG. 5X10 ⁷ R (CONTAINMENT) ONLY	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

PAGE 299 P

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 124 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 311	ENCLOSURE FOR SV0423 AND ELECTRICAL CONNECTIONS SV0423 1PRZ40-BT / 1TRBI-BT	3 BAY INSTRUMENT PANEL PSE'S DESIGN AND BUCHANAN BLOCK(S) 2B112N	MECH. PEN-100 ↓	HEBA 2850F 1PSIG <5X10 ⁷ R ↓	PAGE 62 PAGE 64	NONE ↓	

REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 125 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IPRZ47A-BT	CONTROL / POSITION INDICATION WIRES FOR VALVES IPR18	CABLES FROM GENERIC GROUPINGS	MECH. PEN. 78 & 100 & OTHERS	HEBA 285°F 1 PSIG (5X10 ⁷ R	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IPRZ47 - BT	↓	↓	↓	↓	↓	↓	↓
ITRBI - BT	INT25	↓	↓	↓	↓	↓	↓
IPRZ40-BT	↓	↓	↓	↓	↓	↓	↓
IPRZ45A-BT	IWR80	↓	↓	↓	↓	↓	↓
IPRZ45-BT	↓	↓	↓	↓	↓	↓	↓
							REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT ISOLATION

SHEET 126 OF 126

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IPRZ43P-AT IPRZ43-AT	CONTROL / POSITION INDICATION WIRES FOR VALVES IPR17 ↓	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG (5X10 ⁷ R (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 1 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
#11 FAN COOLER UNIT MOTOR	MOTIVE POWER FOR FAN COOLER UNIT	WESTINGHOUSE SPIN # PSE-RCADCF (UNIT #1) SPIN # PN-J-RCADCF (UNIT #2)	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/428 PSI/G <5X10 ⁷ R	PAGE 75	BASIS #1	
#12 FAN COOLER UNIT MOTOR	↓	↓	↓	↓	↓	↓	
#13 FAN COOLER UNIT MOTOR	↓	↓	↓	↓	↓	↓	
#14 FAN COOLER UNIT MOTOR	↓	↓	↓	↓	↓	↓	
#15 FAN COOLER UNIT MOTOR	↓	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 301

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 2 OF 27

REVISION 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A4XP-A	POWER CABLE FOR #11 FAN COOLER UNIT MOTOR	POWER CABLE FROM GENERIC GROUPINGS	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8 PSIG <5x10 ⁷ R	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1A4X-A	#11		ELECT. PENET. & OTHERS	N/A			
1A2XP-A	#11						
1A2X-A	#11						
1B4XP-B	#12						
1B4X-B	#12						
1B2XP-B	#12						
1B2X-B	#12						
1C4XP-C	#13						
1C4X-C	#13						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 302

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 3 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1C2XP-C	POWER CABLE FOR #13 FAN COOLER UNIT MOTOR	POWER CABLE FROM GENERIC GROUPINGS	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8 PSIG $< 5 \times 10^7$ R	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1C2X-C	#13		ELECT. PENET. & OTHERS	N/A			
1B8XP-B	#14						
1B8X-B	#14						
1B6XP-B	#14						
1B6X-B	#14						
1C8XP-C	#15						
1C8X-C	#15						
1C6XP-C	#15						
1C6X-C	#15						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 4 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV0920	PILOT VALVE FOR #11 FAN COOLER UNIT DAMPERS	SOLENOID VALVES ASCO LB-881 46 200-381-3F NP 831G54E (UNIT1)	CONTAINMENT (INSTR. PANEL)	LOCA/MSLB 271/350°F 43.2/42.8 PSIG <5X10 ⁷ R	PAGE 60 THRU PAGE 60B (UNIT1) PAGE 60C (UNIT2)	NONE	
SV0921	#12	NP SERIES (UNIT2)					
SV0922	#13						
SV0923	#14						
SV0924	#15						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 304

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 5 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 440-A	ENCLOSURE FOR SV0920 AND ELECTRICAL CONNECTION SV0920/IVNT2PD-AT	NEMA 12 INSTRUMENT ENCLOSURE P.S.E & G. DESIGN AND CABLE SPACE RAYCHEM WCSF-N	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8 PSIG ≤ 5 x 10 ⁷ R	PAGE 62 AND PAGE 65	NONE	
PANEL 440-B	ENCLOSURE FOR SV0921 AND ELECTRICAL CONNECTION SV0921/IVNT7PD-BT	↓	↓	↓	↓	↓	
PANEL 440-C	ENCLOSURE FOR SV0922 AND ELECTRICAL CONNECTION SV0922/IVNT12PD-CT	↓	↓	↓	↓	↓	
							REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 305

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 6 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 440 D	ENCLOSURE FOR SV0923 AND ELECTRICAL CONNECTION SV0923/IVNT17PD-BT	NEMA 12 INSTRUMENT ENCLOSURE P.S.E. 4G DESIGN AND CABLE SPLICE RAYCHEM WCSF-N	CONTAINMENT	LOCA/MSLB 27/350°F 43.2/42.8 PSIG < 5 x 10 ⁷ R	PAGE 62 AND PAGE 65	NONE	
PANEL 440-E	ENCLOSURE FOR SV0924 AND ELECTRICAL CONNECTION SV0924/IVNT22PD-CT	↓	↓	↓	↓	↓	

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 306

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 7 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV1120	PILOT VALVE FOR 11SW65 FAN COOLER UNIT FLOW CONTROL	SOLENOID VALVE ASCO X8342 B22 (UNIT2) NP8342B23E (UNIT1)	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG. <5X10 ² R	PAGE 92 (UNIT 1) PAGE 92A (UNIT 2)	BASIS #19	
SV1121	12SW65						
SV1122	13SW65						
SV1123	14SW65						
SV1124	15SW65						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 307

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 8 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JT-455 (UNIT 1) JT-460 (UNIT 2)	ELECTRICAL CONNECTIONS IVNT2PD-AT/IVNT2P-AT IVNT2PE-AT/IVNT2P-AT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) P.S.E #6 DESIGN WITH BUCHANAN BLOCK(S) 2B112N	CONTAINMENT	LOCA/MSLB 271/350°F 43.2/42.8 PSIG < 5 x 10 ⁷ R	PAGE 64	NONE	
JT-456 (UNIT 1) JT-461 (UNIT 2)	IVNT7PD-BT/IVNT7P-BT IVNT7PE-BT/IVNT7P-BT	↓	↓	↓	↓	↓	
JT-457 (UNIT 1) JT-462 (UNIT 2)	IVNT12PD-CT/IVNT12P-CT IVNT12PE-CT/IVNT12P-CT	↓	↓	↓	↓	↓	
JT-458 (UNIT 1) JT-463 (UNIT 2)	IVNT17PD-BT/IVNT17P-BT IVNT17PE-BT/IVNT17P-BT	↓	↓	↓	↓	↓	
JT-459 (UNIT 1) JT-464 (UNIT 2)	IVNT22PD-CT/IVNT22P-CT IVNT22PE-CT/IVNT22P-CT	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 308

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 9 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
IVNT2PD-AT	CONTROL WIRE FOR SV0920	CONTROL CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT
IVNT2PE-AT	SV1120	↓	↓	↓	↓	↓	↓
IVNT2P-AT	SV0920, SV1120	↓	↓	↓	↓	↓	↓
IVNT2-AT	SV0920, SV1120	↓	↓	↓	↓	↓	↓
IVNT7PD-BT	SV0921	↓	↓	↓	↓	↓	↓
IVNT7PE-BT	SV1121	↓	↓	↓	↓	↓	↓
IVNT7P-BT	SV0921, SV1121	↓	↓	↓	↓	↓	↓
IVNT7-BT	SV0921, SV1121	↓	↓	↓	↓	↓	↓
IVNT12PD-CT	SV0922	↓	↓	↓	↓	↓	↓
IVNT12PE-CT	SV1122	↓	↓	↓	↓	↓	↓
							REVISION 1

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 309

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 10 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
IVNT12P-CT	CONTROL WIRE FOR SV0922, SV1122	CONTROL CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIA < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT
IVNT12-CT	SV0922, SV1122						
IVNT17PD-BT	SV0923						
IVNT17PE-BT	SV1123						
IVNT17P-BT	SV0923, SV1123						
IVNT17-BT	SV0923, SV1123						
IVNT22PD-CT	SV0924						
IVNT22PE-CT	SV1124						
IVNT22P-CT	SV0924, SV1124						
IVNT22-CT	SV0924, SV1124						
							REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 310

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 11 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET. 1-64	ELECTRICAL CONNECTION FOR CABLES PENETRATING CONTAINMENT 1A4XP-A/1A4X-A	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT/ ELECT. PENET.	LOCA/MSLB 271/350°F 43.2/42.8 PSIG <5X10 ⁻⁶ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
PENET. 1-34	1B4XP-B/1B4X-B	↓	↓	↓	↓	↓	↓
PENET. 1-1	1C4XP-C/1C4X-C	↓	↓	↓	↓	↓	↓
PENET. 1-49	1B8XP-B/1B8X-B 1VNT7P-BT/1VNT7-BT 1VNT17P-BT/1VNT17-BT	↓	↓	↓	↓	↓	↓
PENET. 1-23	1C8XP-C/1C8X-C	↓	↓	↓	↓	↓	↓
PENET. 1-43	1VNT2P-AT/1VNT2-AT	↓	↓	↓	↓	↓	↓
PENET. 1-37	1VNT12P-CT/1VNT12-CT 1VNT22P-CT/1VNT22-CT	↓	↓	↓	↓	↓	↓

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 311

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 12 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV1115	PILOT VALVE FOR 11 FAN COOLER UNIT BACKPRESSURE VALVE 11SW57	SOLENOID VALVE ASCO X8842822 (UNIT 2) NP8320A184 (UNIT 1)	MECH. PEN-78 ↓	NEBA 212-285°F 1PSIG <5K10°R ↓	PAGE 92B (UNIT 1) PAGE 92C (UNIT 2) ↓	BASIS #19 ↓	
SV1116	12SW57	↓	MECH. PEN-100	↓	↓	↓	
SV1117	13SW57	↓	MECH. PEN-78	↓	↓	↓	
SV1118	14SW57	↓	MECH. PEN-100	↓	↓	↓	
SV1119	15SW57	↓					

Revision 2

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 13 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
FA3160Z-1	*11 FAN COOLER UNIT FLOW/PRESSURE CONTROL 11SW223 ↓	DIFFERENTIAL PRESSURE TRANSMITTER FISCHER & PORTER [1082495] AC	MECH. PEN. 78	HEBA 212°F 1 PSIG <5X10 ⁻⁷ R	PAGE 58	BASIS #27	
FA3160Z-2		SQUARE ROOT EXTRACTOR FISCHER & PORTER 50E5312	MECH. PEN. 78 (INSTR. PANEL)		PAGE 47	BASIS #20	
FA3160C-1		FLOW CONTROLLER FISCHER & PORTER 53E63000			PAGE 48		
FA3160C-2 FA3160C-3 E/P		ELECTRIC - PNEUMATIC CONVERTER FISCHER & PORTER 53E13000			PAGE 49		
SV0621		SOLENOID VALVE ASCO X6342B22			PAGE 92D (UNIT) PAGE 92E (UNIT)	BASIS #19, 20	

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 14 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS	
FA3165Z-1	*12 FAN COOLER UNIT FLOW/PRESSURE CONTROL 12SW223	DIFFERENTIAL PRESSURE TRANSMITTER FISCHER & PORTER [1082495]A,C	MECH. PEN. 7B	NEBA 212°F 1 PSIG <5X10 ⁷ R	PAGE 58	BASIS #27		
FA3165Z-2	↓	SQUARE ROOT EXTRACTOR FISCHER & PORTER 50ES3212	MECH. PEN. 7B (INSTR. PANEL)	↓	PAGE 47	BASIS #20		
FA3165C-1		FLOW CONTROLLER FISCHER & PORTER 53EG3000	↓		PAGE 48	↓		
FA3165C-2 FA3165C-3 E/P		ELECTRIC - PNEUMATIC CONVERTER FISCHER & PORTER 53EI3000			PAGE 49			
SV0624		SOLENOID VALVE ASCO N0342B22	↓		PAGE 92D (UNIT) PAGE 92E (UNIT)	BASIS #19, 20	Revision 2	

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 15 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
FA3169Z-1	#13 FAN COOLER UNIT FLOW/PRESSURE CONTROL 13SW223	DIFFERENTIAL PRESSURE TRANSMITTER FISHER & PORTER [10B2495]A,C	MECH. TEN. 100	NEBA 285°F 1-PSIG <5X10 ⁻²	PAGE 58	BASIS #27	
FA3169Z-2		SQUARE ROOT EXTRACTOR FISHER & PORTER 50ES3212	MECH. TEN. 100 (INSTR. PANEL)		PAGE 47	BASIS #20	
FA3169C-1		FLOW CONTROLLER FISHER & PORTER 53EG3000			PAGE 48		
FA3169C-2							
FA3169C-3							
E/P		ELECTRIC-PNEUMATIC CONVERTER FISHER & PORTER 53E13000			PAGE 49		
5V0627		SOLENOID VALVE ASCO XB342B22			PAGE 92D (UNIT 1) PAGE 92E (UNIT 2)	BASIS #19,20	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 315

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 16 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS	
FA3172Z-1	#19 FAN COOLER UNIT FLOW/PRESSURE CONTROL 1ASW223	DIFFERENTIAL PRESSURE TRANSMITTER FISHER & PORTER [082495]A.C	SW VALVE RM. -78	RECIRC <5X10 ³ R	PAGE 58	BASIS # 27		
FA3172Z-2		SQUARE ROOT EXTRACTOR FISHER & PORTER 50E33212	MECH. TEN-78 (INSTR. PANEL)	NEBA 212° F 1-PSIG <5X10 ³ R	PAGE 47			BASIS # 20
FA3172C-1		FLOW CONTROLLER FISHER & PORTER 53E93000			PAGE 48			
FA3172C-2								
FA3172C-3								
E/P			ELECTRIC-PNEUMATIC CONVERTER FISHER & PORTER 53E13000					PAGE 49
SV0630		SOLENOID VALVE ASCO X8342B22			PAGE 92D (UNIT 1) PAGE 92E (UNIT 2)	BASIS # 19, 20		

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 17 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
FA3176Z-1	#15 FAN COOLER UNIT FLOW/PRESSURE CONTROL 15SW223	DIFFERENTIAL PRESSURE TRANSMITTER FISHER & PORTER [10B2495] AC	SW VALVE RM. -7B	RECIRC <5X10 ³ R	PAGE 58	BASIS #27	
FA3176Z-2		SQUARE ROOT EXTRACTOR FISHER & PORTER 50E53212	MECH. TEN-100 (INSTR. TUNEL)	HEBA 285°F 1-PSIG <5X10 ³ R	PAGE 47	BASIS #20	
FA3176C-1		FLOW CONTROLLER FISHER & PORTER 53E63000			PAGE 18		
FA3176C-2							
FA3176C-3							
E/P			ELECTRIC - PNEUMATIC CONVERTER FISHER & PORTER 53E13000			PAGE 49	
5V0633		SOLENOID VALVE ASCO XB342B22			PAGE 92D (UNIT 1) PAGE 92E (UNIT 2)	BASIS #19, 20	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 317

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 18 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 224-A	ENCLOSURE FOR FA3160 Z2 ↓ C-1 C-2 C-3 E/P (11SW223) SV0621 SV1115 AND ELECTRICAL CONNECTIONS FA3160 Z-2 ↓ C-1 C-2 C-3 INVT67-AQ E IAVAC25-AT INVT67A-AQ/FA3160 Z2 SV0621 SV1115 INVT3-AT PLUS INTER CONNec. AMONG INSTR.	SINGLE BAY INSTRUMENT PANEL, P.S.E.E.G. DESIGN AND TERMINAL BLOCK(S) BUCHANAN ZB112N	MECH. PEN-78	NEBA 212°F 1.7516 65X10"R	PAGE 62 AND PAGE 64	NONE NONE	

REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 318

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 19 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFICATION	OUTSTANDING ITEMS	REMARKS
PANEL 224-B	ENCLOSURE FOR FA 3165 Z2 ↓ C1 C2 C3 E/P (12SW223) SV 0624 SV 1116 AND	SINGLE BAY INSTRUMENT PANEL PSE # 9 DESIGN AND	MECH. PEN. 78	HEBA 212°F 1 PSIG 2.5x10 ⁷ R	PAGE 62	NONE	
	ELECTRICAL CONNECTIONS FA 3165 Z2 ↓ C-1 / IVNT68-BQ C-2 / C-3 / 18VAC23-BT IVNT68A-BQ/FA3165Z-2 SV0624 / SV 1116 / IVNT8-BT PLUS INTERCONNEC. AMONG INSTR.	TERMINAL BLOCK(S) BUCHANAN 28112N			AND	PAGE 64	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 319

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 20 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 316-A	ENCLOSURE FOR FA 3169 Z-2 ↓ C-1 C-2 C-3 E/P (135W223) SV 0627 SV 1117 AND ELECTRICAL CONNECTIONS FA 3169 Z-2 ↓ C-1 / 1VNT69-CQ C-2 / C-3 / 1CVAC23-CT 1VNT69A-CQ/FA3169Z2 SV 0627 / SV 1117 / 1VNT13-CT PLUS INTERCONNEC. AMONG INSTR.	SINGLE BAY INSTRUMENT PANEL PSE&G DESIGN TERMINAL BLOCK(S) BUCHANAN 2B112N	MECH. PEN. 100	HEBA 285°F 1 PSIG 2.5X10 ⁷ R	PAGE 62 AND PAGE 64	NONE NONE	REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 21 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 224-C	ENCLOSURE FOR FA 3172 Z-2 ↓ C-1 C-2 ↓ C-3 E/P (14SW223) SV 0630 SV 1118 AND	SINGLE BAY INSTRUMENT PANEL PSE & G DESIGN AND	MECH. PEN.-7B	HEBA 212°F 1 PSIG 25x10'R	PAGE 62	NONE	
	ELECTRICAL CONNECTIONS FA 3172 Z-2 ↓ C-1 / IVNT70-BQ C-2 / C-3 / 18VAC25-BT IVNT 70A-BQ / FA3172 Z-2 SV 0630 / SV 1118 / IVNT18-BT PLUS INTERCONNEC. AMONG INSTR.	TERMINAL BLOCK(S) BUCHANAN 2B112N			AND	PAGE 64	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 321

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 22 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 316-B	ENCLOSURE FOR FA 3176 Z-2 ↓ C-1 C-2 ↓ C-3 E/P (15 SW 223) SV 0633 SV 1119 AND	SINGLE BAY INSTRUMENT PANEL PSE&G DESIGN AND	MECH. PEN.-100	HEBA 285°F 1 PSIG 25X10 ⁷ R	PAGE 62	NONE	
	ELECTRICAL CONNECTIONS FA 3176 Z-2 ↓ C-1 / IVNT71-CQ C-2 / ↓ C-3 / ICVAC25-CT IVNT71A-CQ/FA3176Z-2 SV 0633 / SV 1119 / IVNT23-CT PLUS INTERCONNEC. AMONG INSTR.	TERMINAL BLOCK(S) BUCHANAN 2B112N			AND	PAGE 64	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 322

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 25 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IVNT 67-AQ	SIGNAL WIRE FOR FA 3160 Z-2 ↓ C-1 C-2 ↓ C-3	INSTRUMENTATION CABLE FROM GENERIC GROUPINGS ↓ ↓ ↓ ↓ ↓	MECH. PEN.-78 & OTHERS ↓	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT
IVNT 68-BQ	FA 3165 Z-2 ↓ C-1 C-2 ↓ C-3		MECH. PEN.-100 & OTHERS	↓	↓	↓	↓
IVNT 69-CQ	FA 3169 Z-2 ↓ C-1 C-2 ↓ C-3		MECH. PEN.-78 & OTHERS	↓	↓	↓	↓
IVNT 70-BQ	FA 3172 Z-2 ↓ C-1 C-2 ↓ C-3		MECH. PEN.-100 & OTHERS	↓	↓	↓	↓
IVNT 71-CQ	FA 3176 Z-2 ↓ C-1 C-2 ↓ C-3		↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 323

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 24 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1AVAC 25-AT	POWER WIRE FOR FA 3160 Z-2 ↓ C-1 C-2 ↓ C-3	POWER CABLE FROM GENERIC GROUPINGS ↓ ↓ ↓ ↓ ↓	MECH. PEN.-78 & OTHERS ↓	N/A ↓ ↓ ↓ ↓ ↓	PAGES 67 THROUGH 73 ↓ ↓ ↓ ↓ ↓	BASIS #1 ↓ ↓ ↓ ↓ ↓	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT ↓ ↓ ↓ ↓ ↓
1BVAC 23-BT	FA 3165 Z-2 ↓ C-1 C-2 ↓ C-3		↓				
1CVAC 23-CT	FA 3169 Z-2 ↓ C-1 C-2 ↓ C-3		MECH. PEN.-100 & OTHERS				
1BVAC 25-BT	FA 3172 - Z-2 ↓ C-1 C-2 ↓ C-3		MECH. PEN.-78 & OTHERS				
1CVAC 25-BT	FA 3176 Z-2 ↓ C-1 C-2 ↓ C-3		MECH. PEN.-100 & OTHERS				

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 25 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
JN-362 (UNIT 1) JN-363 (UNIT 2)	ELECTRICAL CONNECTIONS IVNT67C-AQ/IVNT67A-AQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE&G DESIGN WITH BUCHANAN BLOCK(S) 2B112N	MECH. PEN.-78 ↓	HEBA 212-285°F 1 PSIG 6.5x10 ³ R	PAGE 64 ↓	NONE ↓	
JT-534 (UNIT 1) JT-535 (UNIT 2)	IVNT68C-BQ/IVNT68A-BQ IVNT70C-BQ/IVNT70A-BQ	↓	↓	↓	↓	↓	
JT-536 (UNIT 1) JT-537 (UNIT 2)	IVNT69C-CA/IVNT69A-CA IVNT71C-CA/IVNT71A-CA	↓	MECH. PEN.-100 ↓	↓	↓	↓	

REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 325

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 26 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
IVNT67A-AQ	SIGNAL WIRE FOR FA31602-1	INSTRUMENTATION CABLE FROM GENERIC GROUPINGS	MECH. PEN-78	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT
IVNT67C-AQ	FA31602-1		↓				
IVNT68A-BQ	FA31658-1		↓				
IVNT68C-BQ	FA31652-1		↓				
IVNT69A-CQ	FA31692-1		MECH. PEN-100				
IVNT69C-CQ	FA31692-1		↓				
IVNT70A-BQ	FA31722-1		MECH. PEN-78				
IVNT70C-BQ	FA31722-1		↓				
IVNT71A-CQ	FA31762-1		MECH. PEN-100				
IVNT71C-CQ	FA31762-1		↓				

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 326

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT VENTILATION

SHEET 27 OF 27

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
IVNT3-AT	CONTROL WIRE FOR SV0621, SV1115	CONTROL CABLE FROM GENERIC GROUPINGS ↓	MECH. PEN-7B & OTHERS ↓	N/A ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
IVNT8-BT	SV0624, SV1116						
IVNT13-CT	SV0627, SV1117		MECH. PEN-100 & OTHERS				
IVNT18-BT	SV0630, SV1118		MECH. PEN-7B & OTHERS				
IVNT23-CT	SV0633, SV1119		MECH. PEN-100 & OTHERS				

REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 327

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM COMBUSTIBLE GAS CONTROL

SHEET 1 OF 7

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
XA-8650	SOUTHEAST COMBUSTABLE GAS DETECTOR	HYDROGEN ANALYZER BACHARACH (UNIT 2) SINGLE SETPOINT AC	CONTAINMENT	LOCA/MSLB 271/350 °F 43.2/42.8 PSIG < 5 x 10 ⁻⁷ R	PAGE 98A (UNIT 2)	BASIS #30	
XA-8651	NORTHWEST COMBUSTABLE GAS DETECTOR						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 328

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM COMBUSTIBLE GAS CONTROL

SHEET 2 OF 7

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IVNT114-AQ IVNT114P-AQ IVNT115-BQ IVNT115P-BQ IVNT115A-BQ	SIGNAL WIRES FOR INSTRUMENTS XA-8650 ↓ XA-8651 ↓	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT AND OTHER AREAS ↓	LOCA / MSLB 271 / 350 °F 43.2 / 42.8 PSIG < 5 x 10 ⁷ R (CONTAINMENT ONLY) ↓	PAGE 67 THROUGH 73 ↓	BASIS * 1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 329

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM COMBUSTIBLE GAS CONTROL

SHEET 3 OF 7

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENETRATION 1-65	ELECTRICAL CONNECTION FOR INSTRUMENT WIRES IVNT11A-AR/IVNT11AR-AR	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT & ELCC. PEN.	LOCA/MSLB 271/350°F 43.2/42.8 PSIG. < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
PENETRATION 1-63	IVNT11S-BQ/IVNT11SP-BQ						

REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 330

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM COMBUSTIBLE GAS CONTROL

SHEET 4 OF 7

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
	<i>ELECTRICAL CONNECTION FOR INSTRUMENTS AND SIGNAL WIRES</i>	<i>JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK</i>					
<i>JS - 167 (UNIT 1) JS - 168 (UNIT 2)</i>	<i>XA-8650/IVNT114P-AQ</i>	<i>BUCHANAN TERMINAL BLOCK 2B112N</i>	<i>CONTAINMENT</i>	<i>LOCA/MSLB 271/350°F +3.2/+2.8 PSIG < 5 x 10⁻⁷R</i>	<i>PAGE 64</i>	<i>NONE</i>	
<i>JS - 169 (UNIT 1) JS - 170 (UNIT 2)</i>	<i>IVNT115A-BQ/IVNT115A-BQ</i>						
<i>JS - 682</i>	<i>XA-8651/IVNT115A-BQ</i>						

REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 331

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM COMBUSTIBLE GAS CONTROL

SHEET 5 OF 7

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
11 HYDROGEN RECOMBINER	REMOVAL OF H ₂ FROM CONTAINMENT ATMOSPHERE ↓	WESTINGHOUSE STURTEVANT ↓	CONTAINMENT ↓	LOCA/MSLB 271/350°F 43.2/42.8 PSIG < 5 X 10 ⁷ R ↓	PAGE 76 ↓	BASIS #1 ↓	
12 HYDROGEN RECOMBINER	↓	↓	↓	↓	↓	↓	

REVISION 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 332

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM COMBUSTIBLE GAS CONTROL

SHEET 6 OF 7

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A15XA-A 1A15XAP-A	POWER CABLES FOR HYDROGEN RECOMBINERS 11 H ₂ RECOMBINER ↓	CABLE FROM GENERIC GROUPINGS ↓	CONTAINMENT AND OTHER AREAS ↓	LOCA/MSLB 271/350°F 43.2/42.8 PSIG 2.5 x 10 ⁻⁷ R (CONTAINMENT ONLY) ↓	PAGE 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
1B15XA-B 1B15XAP-B	12 H ₂ RECOMBINER ↓	↓	↓	↓	↓	↓	↓
							Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 333

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONBUSTIBLE GAS CONTROL

SHEET 7 OF 7

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFICATION	OUTSTANDING ITEMS	REMARKS
	<i>ELECTRICAL CONNECTIONS FOR HYDROGEN RECOMBINER CABLES</i>	<i>CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE</i>					<i>QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>PENETRATION 1-57</i>	<i>1A15XA-A/1A15XAP-A</i>	↓	<i>CONTAINMENT + ELEC. PEN.</i>	<i>LOCA/MSLB 271/350°F 43.2/42.8 PSIG 2.5 X 10⁷R (CONTAINMENT ONLY)</i>	<i>PAGE 66</i>	↓	↓
<i>PENETRATION 1-50</i>	<i>1B15XA-B/1B15XAP-B</i>	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 334

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 1 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TA 4312	CONTAINMENT AIR TEMPERATURE WEST ↓	THERMOCOUPLE TEM TEX CO. 304-250-T-6-12-SA2-1H CC-TC ↓	CONTAINMENT ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R ↓	PAGE 80 ↓	BASIS #32 ↓	
TA 4313	↓	↓	↓	↓	↓	↓	
TA 4314	SOUTH ↓	↓	↓	↓	↓	↓	
TA 4315	↓	↓	↓	↓	↓	↓	
TA 4316	EAST ↓	↓	↓	↓	↓	↓	
TA 4318	↓	↓	↓	↓	↓	↓	
TA 4348	↓	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 335

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 2 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TA 4319	CONTAINMENT AIR TEMPERATURE NORTH ↓	THERMOCOUPLE TEM TEX CO. 304-250-T-6-12-SA2-1H CC-TC ↓	CONTAINMENT ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁻⁷ R ↓	PAGE 80 ↓	BASIS # 32 ↓	
TA 4320	↓	↓	↓	↓	↓	↓	
TA 4321	NORTHWEST ↓	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 336

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 3 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET. 1-29	ELECTRICAL CONNECTION FOR ASSOCIATED CABLES FOR THERMOCOUPLE TA 4312	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE ↓	CONTAINMENT & ELECTRICAL PENETRATION ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG ≤ 5x10 ⁷ R (CONTAINMENT ONLY) ↓	PAGE 66 ↓	NONE ↓	QUALIFIED TO WORST CASE ENVIRONMENT ↓
	TA 4313						
	TA 4320						
	TA 4321						
PENET 1-62	TA 4314	↓	↓	↓	↓	↓	↓
	TA 4315						
	TA 4316						
	TA 4318						
	TA 4348						
	TA 4319						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 4 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JX-56 (UNIT#1) JX-94 (UNIT#2)	ELECTRICAL CONNECTIONS ICP482F-GQ ICP482G-GQ ICP482C-GQ ICP482D-GQ /ICP482-GQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE&G DESIGN WITH BUCHANAN BLOCK(S) 2B112N ↓	ELECTRICAL PENET. -78 ↓	RECIRC. < 10 ⁵ R ↓	PAGE 64 ↓	NONE ↓	
JX-57 (UNIT#1) JX-95 (UNIT#2)	ICP483G-HQ ICP483F-HQ ICP483D-HQ ICP483A-HQ ICP483C-HQ ICP483B-HQ /ICP483-HQ						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 338

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 5 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
	SIGNAL WIRES FOR THERMOCOUPLES	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICP482FP-GQ	TA4312	↓	↓	↓	↓	↓	↓
ICP482F-GQ	↓	↓	↓	↓	↓	↓	↓
ICP482GP-GQ	TA 4313	↓	↓	↓	↓	↓	↓
ICP482G-GQ	↓	↓	↓	↓	↓	↓	↓
ICP483GP-HQ	TA 4314	↓	↓	↓	↓	↓	↓
ICP483G-HQ	↓	↓	↓	↓	↓	↓	↓
							Revision 2

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 6 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
ICP483FP-HQ	SIGNAL WIRES FOR THERMOCOUPLES TA 4315	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICP483F-HQ	↓	↓	↓	↓	↓	↓	↓
ICP483DP-HQ	TA 4316	↓	↓	↓	↓	↓	↓
ICP483D-HQ	↓	↓	↓	↓	↓	↓	↓
ICP483BP-HQ	TA 4318	↓	↓	↓	↓	↓	↓
ICP483B-HQ	↓	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 7 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
ICP483CP-HQ	SIGNAL WIRES FOR THERMOCOUPLES TA 4348	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICP483C-HQ	↓						
ICP483AP-HQ	TA 4319						
ICP483A-HQ	↓						
ICP482CP-GQ	TA 4320						
ICP482C-GQ	↓						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 8 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
ICP482DP-GQ	SIGNAL WIRES FOR THERMOCOUPLES TA4321	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5 x 10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICP482D-GQ	↓	↓	↓	↓	↓	↓	↓
ICP482-GQ	TA4312 TA4313 TA4320 TA4321	↓	↓	↓	↓	↓	↓
ICP483-HQ	TA4314 TA4315 TA4316 TA4318 TA4348 TA4319	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 342

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 9 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
LA 0223 (LT-938)	CONTAINMENT SUMP LEVEL	LEVEL SWITCH GEMS LS-800	CONTAINMENT	LOCA / MSLB 271°/350°F 43.2/42.8 PSIG L5 X10 ⁷ R	PAGE 81	BASIS *31	REPLACED BY CONTAINMENT WATER LEVEL SYSTEM. REFER TO PAGES 475-483
LA 0224 (LT-939)	↓	↓	↓	↓	↓	↓	

Revision 3

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 343

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 10 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
JN-106(UNIT1) JN-107(UNIT2)	ELECTRICAL CONNECTIONS LA 0223/ /IACS24P-AT	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE&G DESIGN WITH BUCHANAN BLOCK(S) 2B112N ↓	CONTAINMENT ↓	LOCA /MSLB 271°/350°F 43.2/42.8 PSIG < 5 x 10 ⁻⁷ R. ↓	PAGE 64 ↓	NONE ↓	REPLACED BY CONTAINMENT WATER LEVEL SYSTEM- REFER TO PAGES 475-483
JN-108(UNIT1) JN-109(UNIT2)	LA 0224/ /IACS25P-BT	↓	↓	↓	↓	↓	

Revision 3

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 344

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 11 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
	ELECTRICAL CONNECTION FOR ASSOCIATED CABLES FOR LEVEL SWITCH	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT & ELEC. PEN.	LOCA / MSLB 271°/350°F 43.2/42.8 PSIG L5X10 ⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
PENET. 1-43	LA 0223	↓	↓	↓	↓	↓	
PENET. 1-41	LA 0224	↓	↓	↓	↓	↓	REPLACED BY CONTAINMENT WATER LEVEL SYSTEM- REFER TO PAGES 475-483

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 345

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 12 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITMS	REMARKS
	SIGNAL WIRES FOR INSTRUMENT	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271 / 350° F 43.2 / 42.8 PSIG < 5 x 10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IACS24P - AT	LA-0223	↓	↓	↓	↓	↓	↓
IACS24 - AT	↓	↓	↓	↓	↓	↓	↓
IACS25P - BT	LA-0224	↓	↓	↓	↓	↓	↓
IACS25 - BT	↓	↓	↓	↓	↓	↓	REPLACED BY CONTAINMENT WATER LEVEL SYSTEM - REFER TO PAGES 475-483

Revision 3

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 346

SYSTEM CONTAINMENT PARAMETERS

SHEET 13 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
TA6356-Z	CONTAINMENT HUMIDITY DETECTORS ↓	FOXBORO 2711A9 ↓	CONTAINMENT ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R ↓	PAGE 83 ↓	BASIS # 37 ↓	
TA6357-Z							
TA6358-Z							
TA6359-Z							
TA6360-Z							
							Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 347

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 14 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
JN-340(UNIT#1) JN-345(UNIT#2)	ELECTRICAL CONNECTIONS TA-6356Z/ /IVNT123P-CQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE #G DESIGN WITH BUCHANAN BLOCK(S) 28112N	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5 x 10 ⁷ R	PAGE 64	NONE	
JN-341(UNIT#1) JN-346(UNIT#2)	TA-6357Z/ /IVNT125P-CQ	↓	↓	↓	↓	↓	
JN-342(UNIT#1) JN-347(UNIT#2)	TA-6358Z/ /IVNT127P-CQ	↓	↓	↓	↓	↓	
JN-343(UNIT#1) JN-348(UNIT#2)	TA-6359Z/ /IVNT129P-CQ	↓	↓	↓	↓	↓	
JN-344(UNIT#1) JN-349(UNIT#2)	TA-6360Z/ /IVNT131P-CQ	↓	↓	↓	↓	↓	

Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 15 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
PENET. 1-35	ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR HUMIDITY DETECTORS	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT & ELEC. PENET.	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
	TA-6356 Z						
	TA-6357 Z						
	TA-6358 Z						
	TA-6359 Z						
	TA-6360 Z						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 349

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 16 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
	SIGNAL WIRES FOR DETECTOR	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG ≤ 5 x 10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IVNT123P-CQ	TA-6356 Z	↓	↓	↓	↓	↓	↓
IVNT123-CQ	↓						
IVNT125P-CQ	TA-6357 Z						
IVNT125-CQ	↓						
IVNT127P-CQ	TA-6358 Z						
IVNT127-CQ	↓						
							Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 350

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 17 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRES FOR DETECTOR	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IVNT129P-CQ	TA-6359Z	↓	↓	↓	↓	↓	↓
IVNT129-CQ	↓	↓	↓	↓	↓	↓	↓
IVNT131P-CQ	TA-6360Z	↓	↓	↓	↓	↓	↓
IVNT131-CQ	↓	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 351

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 18 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TA 4112 (T1) TA 4328 (T2) TA 4329 (T3) TA 4330 (T4) TA 4331 (T5) TA 4332 (T6) TA 4333 (T7) TA 4334 (T8) TA 4335 (T9)	INCORE TEMPERATURE INDICATION ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	THERMOCOUPLE WESTINGHOUSE SPIN [®] ECR111 (583 F014) ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	CONTAINMENT ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	LOCA / MSLB 271° / 350°F 43.2 / 42.8 PSIG < 5x10 ⁻⁷ R ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	PAGE 82 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	BASIS #33 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 352

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 19 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TA 4336 (T10)	IN CORE TEMPERATURE INDICATION ↓	THERMOCOUPLE WESTINGHOUSE SPIN [®] RCTIUI (583 FOIA) ↓	CONTAINMENT ↓	LOCA / MSLB 271° / 350°F 43.2 / 42.8 PSIG < 5x10 ⁷ R ↓	PAGE 82 ↓	BASIS # 33 ↓	
TA 4337 (T11)							
TA 4338 (T12)							
TA 4339 (T13)							
TA 4340 (T14)							
TA 4341 (T15)							
TA 4342 (T16)							
TA 4343 (T17)							
TA 4344 (T18)							

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 353

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 20 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TA 4345 (T19)	IN CORE TEMPERATURE INDICATION ↓	THERMOCOUPLE WESTINGHOUSE SPIN [®] RECEIVE (583 FOIA)	CONTAINMENT ↓	LOCA / MSLB 271° / 350° F 43.2 / 42.8 PSIG < 5x10 ⁻⁷ R	PAGE 82 ↓	BASIS # 33 ↓	
TA 4346 (T20)							
TA 4347 (T21)							
TA 4116 (T22)							
TA 4415 (T23)							
TA 4416 (T24)							
TA 4417 (T25)							
TA 4418 (T26)							
TA 4419 (T27)							

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 354

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 21 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TA 4488 (T28)	IN CORE TEMPERATURE INDICATION ↓	THERMOCOUPLE WESTINGHOUSE SPIN # RCR1U1 (533 F014) ↓	CONTAINMENT ↓	LOCA / MSLB 271° / 350° F 43.2 / 42.8 PSIG 2.5 x 10 ⁻⁷ R ↓	PAGE 82 ↓	BASIS # 33 ↓	
TA 4489 (T29)							
TA 4490 (T30)							
TA 4491 (T31)							
TA 4492 (T32)							
TA 4493 (T33)							
TA 4494 (T34)							
TA 4495 (T35)							
TA 4496 (T36)							Revision 1

Revision 1

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 22 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	IN CORE TEMPERATURE INDICATION	THERMOCOUPLE WESTINGHOUSE SPIN [®] KGRVI (583 F014)	CONTAINMENT	LOCA / MSLB 271°/350°F 43.2/42.8 PSIG L5X10 ⁷ R	PAGE 82	BASIS # 33	
TA 4497 (T37)	↓	↓	↓	↓	↓	↓	
TA 4498 (T38)	↓	↓	↓	↓	↓	↓	
TA 4499 (T39)	↓	↓	↓	↓	↓	↓	
TA 4500 (T40)	↓	↓	↓	↓	↓	↓	
TA 4501 (T41)	↓	↓	↓	↓	↓	↓	
TA 4502 (T42)	↓	↓	↓	↓	↓	↓	
TA 4503 (T43)	↓	↓	↓	↓	↓	↓	
TA 4504 (T44)	↓	↓	↓	↓	↓	↓	
TA 4505 (T45)	↓	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 356

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 23 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TA 4506 (T46) TA 4507 (T47) TA 4508 (T48) TA 4509 (T49) TA 4510 (T50) TA 4511 (T51) TA 4536 (T52) TA 4537 (T53) TA 4538 (T54)	INCORE TEMPERATURE INDICATION ↓	THERMOCOUPLE WESTINGHOUSE SPIN [®] RCR101 (583 FOM) ↓	CONTAINMENT ↓	LOCA / MSLB 271° / 350° F 43.2 / 42.8 PSIG < 5 x 10 ⁻⁷ R ↓	PAGE 82 ↓	BASIS # 33 ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 357

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 24 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TA 4539 (T55) TA 4540 (T56) TA 4541 (T57) TA 4542 (T58) TA 4543 (T59) TA 4544 (T60) TA 4545 (T61) TA 4546 (T62) TA 4547 (T63)	INCORE TEMPERATURE INDICATION ↓	THERMOCOUPLE WESTINGHOUSE SPIN [®] BERTH (583 F014) ↓	CONTAINMENT ↓	LOCA / MSLB 271° / 350° F 43.2 / 42.8 PSIG < 5 x 10 ⁻⁷ R ↓	PAGE 82 ↓	BASIS # 33 ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 358

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 25 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TA 4548 (T64) TA 4549 (T65) TA 4550 (T87) TA 4551 (T88) TA 4552 (T89) TA 4553 (T90)	INCORE TEMPERATURE INDICATION ↓	THERMOCOUPLE WESTINGHOUSE SPIN [®] RECITUI (583F014) ↓	CONTAINMENT ↓	LOCA / MSLB 271° / 350° F 43.2 / 42.8 PSIG < 5X10 ⁻² R ↓	PAGE 82 ↓	BASIS # 33 ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 359

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 26 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET 1-39 ↓	ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR THERMOCOUPLES	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT ELECTRICAL PEN.	LOCA / MSLB 271°/350° F 43.2 / 42.8 PSIG < 5x10 ⁻⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
	TA 4112	↓	↓	↓	↓	↓	↓
	TA 4329						
	TA 4330						
	TA 4331						
	TA 4335						
	TA 4336						
	TA 4338						
	TA 4339						
	TA 4343						
	TA 4344						
	TA 4345						
	TA 4346						
	TA 4116						
TA 4416							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 360

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 27 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET 1-39 (CONT'D) ↓	ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR THERMOCOUPLES	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT ELECTRICAL PEN.	LOCA / MSLB 271°/350° F 43.2 / 42.5 PSIG < 5x10 ⁻⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
	TA 4418	↓	↓	↓	↓	↓	↓
	TA 4419	↓	↓	↓	↓	↓	↓
	TA 4488	↓	↓	↓	↓	↓	↓
	TA 4492	↓	↓	↓	↓	↓	↓
	TA 4494	↓	↓	↓	↓	↓	↓
	TA 4496	↓	↓	↓	↓	↓	↓
	TA 4497	↓	↓	↓	↓	↓	↓
	TA 4500	↓	↓	↓	↓	↓	↓
	TA 4503	↓	↓	↓	↓	↓	↓
	TA 4504	↓	↓	↓	↓	↓	↓
	TA 4510	↓	↓	↓	↓	↓	↓
	TA 4511	↓	↓	↓	↓	↓	↓
	TA 4537	↓	↓	↓	↓	↓	↓
TA 4538	↓	↓	↓	↓	↓	↓	

Revision 1

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 28 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET 1-39 (CONT'D) ↓	ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR THERMOCOUPLES TA 4541 TA 4542 TA 4543 TA 4545 TA 4547	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE ↓	CONTAINMENT ELECTRICAL PEN. ↓	LOCA / MSLB 271° / 350° F 43.2 / 42.5 PSIG < 5X10 ⁻⁷ (CONTAINMENT ONLY) ↓	PAGE 66 ↓	NONE ↓	QUALIFIED TO WORST CASE ENVIRONMENT ↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 29 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET. 1-47 ↓	ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR THERMOCOUPLES	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT ELECTRICAL PEN.	LOCA / MSLB 271°/350° F 43.2 / 42.5 PSIG < 5x10 ⁻⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
	TA 4328	↓	↓	↓	↓	↓	↓
	TA 4432	↓	↓	↓	↓	↓	↓
	TA 4433	↓	↓	↓	↓	↓	↓
	TA 4434	↓	↓	↓	↓	↓	↓
	TA 4337	↓	↓	↓	↓	↓	↓
	TA 4340	↓	↓	↓	↓	↓	↓
	TA 4341	↓	↓	↓	↓	↓	↓
	TA 4342	↓	↓	↓	↓	↓	↓
	TA 4347	↓	↓	↓	↓	↓	↓
	TA 4415	↓	↓	↓	↓	↓	↓
	TA 4417	↓	↓	↓	↓	↓	↓
TA 4489	↓	↓	↓	↓	↓	↓	
TA 4490	↓	↓	↓	↓	↓	↓	
TA 4491	↓	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 363

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 30 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET 1-47 (CONT'D) ↓	ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR THERMOCOUPLES	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT & ELECTRICAL PEN.	LOCA / MSLB 271° / 350° F 43.2 / 42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
	TA 4493	↓	↓	↓	↓	↓	↓
	TA 4495	↓	↓	↓	↓	↓	↓
	TA 4498	↓	↓	↓	↓	↓	↓
	TA 4499	↓	↓	↓	↓	↓	↓
	TA 4501	↓	↓	↓	↓	↓	↓
	TA 4502	↓	↓	↓	↓	↓	↓
	TA 4505	↓	↓	↓	↓	↓	↓
	TA 4506	↓	↓	↓	↓	↓	↓
	TA 4507	↓	↓	↓	↓	↓	↓
	TA 4508	↓	↓	↓	↓	↓	↓
	TA 4509	↓	↓	↓	↓	↓	↓
	TA 4536	↓	↓	↓	↓	↓	↓
	TA 4539	↓	↓	↓	↓	↓	↓
TA 4540	↓	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 364

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 31 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET 1-47 CONT'D ↓	ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR THERMOCOUPLES TA4544 TA4546 TA4548 TA4549	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE ↓	CONTAINMENT ELECTRICAL PEN. ↓	LOCA / MSLB 271°/350° F 43.2 / 42.5 PSIG < 5x10 ⁻⁷ R (CONTAINMENT ONLY) ↓	PAGE 66 ↓	NONE ↓	QUALIFIED TO WORST CASE ENVIRONMENT ↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 365

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 32 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
REF. JCT. BOX #12	ELECTRICAL CONNECTIONS / ICT3-EQ ICT34-EQ ICT1-EQ ICT36-EQ ICT5-EQ ICT40-EQ / ICT74P-EQ / ICT63-EQ ICT32-EQ ICT61-EQ ICT57-EQ ICT26-EQ ICT58-EQ ICT27-EQ / ICT75P-EQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE & G DESIGN WITH BUCHANAN BLOCK(S) 2B112N	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁷ R	PAGE 64	NONE	

Revision 2

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 33 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
REF. JCT. BOX #12 (CONTD.)	ELECTRICAL CONNECTIONS / ICT59-EQ ICT28-EQ ICT24-EQ ICT54-EQ ICT19-EQ ICT53-EQ ICT22-EQ / ICT71P-EQ / ICT18-EQ ICT51-EQ ICT17-EQ ICT20-EQ ICT12-EQ ICT50-EQ / ICT72P-EQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE & G DESIGN WITH BUCHANAN BLOCK(S) 2B112N	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8PSIG <5x10 ⁷ R	PAGE 64	NONE	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 367

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 34 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
REF. JCT. BOX #12 (CONTD.)	ELECTRICAL CONNECTIONS ICT13-EQ ICT44-EQ ICT10-EQ ICT9-EQ ICT43-EQ ICT37-EQ ICT4-EQ ICT73P-EQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE & G DESIGN WITH BUCHANAN BLOCK(S) 2B112N	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5X10 ⁷ R	PAGE 64	NONE	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 368

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 35 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
REF. JCT. BOX #11	ELECTRICAL CONNECTIONS / ICT 2-HQ ICT 38-HQ ICT 39-HQ ICT 35-HQ ICT 46-HQ ICT 8-HQ / ICT 69P-HQ / ICT 64-HQ ICT 31-HQ ICT 33-HQ ICT 62-HQ ICT 65-HQ ICT 29-HQ / ICT 70A-HQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE & G DESIGN WITH BUCHANAN BLOCK(S) 2B112N	CONTAINMENT	LOCA /MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁷ R	PAGE 64	NONE	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 369

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 36 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
REF. JCT. BOX #11 (CONT'D)	ELECTRICAL CONNECTIONS / ICT 16-HQ ICT 25-HQ ICT 30-HQ ICT 60-HQ ICT 56-HQ ICT 21-HQ ICT 23-HQ / ICT 66P-HQ / ICT 55-HQ ICT 14-HQ ICT 11-HQ ICT 15-HQ ICT 49-HQ ICT 52-HQ / ICT 67P-HQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE & G DESIGN WITH BUCHANAN BLOCK(S) 2B112N	CONTAINMENT	LOCA / MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁻⁷ R	PAGE 64	NONE	

Revision 2

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 370

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 37 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
REF. JCT. BOX #11 (CONT'D)	ELECTRICAL CONNECTIONS 1CT41-HQ 1CT47-HQ 1CT6-HQ 1CT7-HQ 1CT42-HQ 1CT45-HQ 1CT48-HQ / 1CT68P-HQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE & G DESIGN WITH BUCHANAN BLOCK(S) 2B112N	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG 6.5X10 ⁷ R	PAGE 64	NONE	

Revision 2

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 371

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 38 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRES FOR THERMOCOUPLES	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁷ R (CONTAINMENT) ONLY	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1CT3-EQ	TA 4329	↓	↓	↓	↓	↓	↓
1CT34-EQ	TA 4494	↓	↓	↓	↓	↓	↓
1CT1-EQ	TA 4112	↓	↓	↓	↓	↓	↓
1CT36-EQ	TA 4496	↓	↓	↓	↓	↓	↓
1CT5-EQ	TA 4331	↓	↓	↓	↓	↓	↓
1CT40-EQ	TA 4500	↓	↓	↓	↓	↓	↓

Revision 2

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 372

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 39 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICT 74P-EQ AND ICT 74-EQ ↓	SIGNAL WIRES FOR THERMOCOUPLES TA 4329 TA 4494 TA 4112 TA 4496 TA 4331 TA 4500	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁻⁶ R (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 373

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 40 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRES FOR THERMOCOUPLES	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 291°/350°F 43.2/42.8 PSIG <5x10 ⁷ R (CONTAINMENT) ONLY	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1CT 63-EQ	TA 4547	↓	↓	↓	↓	↓	↓
1CT 32-EQ	TA 4492	↓	↓	↓	↓	↓	↓
1CT 61-EQ	TA 4545	↓	↓	↓	↓	↓	↓
1CT 57-EQ	TA 4541	↓	↓	↓	↓	↓	↓
1CT 26-EQ	TA 4418	↓	↓	↓	↓	↓	↓
1CT 58-EQ	TA 4542	↓	↓	↓	↓	↓	↓
1CT 27-EQ	TA 4419	↓	↓	↓	↓	↓	↓

Revision 2.

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 374

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 41 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICT 75P-EQ AND ICT 75-EQ ↓	TA 4547 TA 4492 TA 4545 TA 4541 TA 4418 TA 4542 TA 4419	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁻² R (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 375

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 42 OF 60

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRES FOR THERMOCOUPLES	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5X10 ⁷ R (CONTAINMENT) ONLY	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICT 2-HQ	TA 4328	↓	↓	↓	↓	↓	↓
ICT 38-HQ	TA 4498	↓	↓	↓	↓	↓	↓
ICT 39-HQ	TA 4499	↓	↓	↓	↓	↓	↓
ICT 35-HQ	TA 4495	↓	↓	↓	↓	↓	↓
ICT 46-HQ	TA 4506	↓	↓	↓	↓	↓	↓
ICT 8-HQ	TA 4334	↓	↓	↓	↓	↓	↓

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 376

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 43 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRES FOR THERMOCOUPLES	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁻⁷ (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICT 69P-HQ AND ICT 69-NQ ↓	TA 4328 TA 4498 TA 4499 TA 4495 TA 4506 TA 4334	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 377

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 44 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRES FOR THERMOCOUPLES	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁻⁶ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICT 64-HQ	TA 4548	↓	↓	↓	↓	↓	↓
ICT 31-HQ	TA 4491	↓	↓	↓	↓	↓	↓
ICT 33-HQ	TA 4493	↓	↓	↓	↓	↓	↓
ICT 62-HQ	TA 4546	↓	↓	↓	↓	↓	↓
ICT 65-HQ	TA 4549	↓	↓	↓	↓	↓	↓
ICT 29-HQ	TA 4489	↓	↓	↓	↓	↓	↓
							Revision 2

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 378

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 45 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICT70P-HQ AND ICT70-HQ ↓	SIGNAL WIRES FOR THERMOCOUPLES TA 4548 TA 4491 TA 4493 TA 4546 TA 4549 TA 4489	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5 x 10 ⁻² R (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 379

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 46 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>SIGNAL WIRES FOR THERMOCOUPLES</i>	<i>CABLES FROM GENERIC GROUPINGS</i>	<i>CONTAINMENT & OTHERS</i>	<i>LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5X10⁻²R (CONTAINMENT ONLY)</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>1CT16-HQ</i>	<i>TA 4342</i>	↓	↓	↓	↓	↓	↓
<i>1CT25-HQ</i>	<i>TA 4417</i>	↓	↓	↓	↓	↓	↓
<i>1CT30-HQ</i>	<i>TA 4490</i>	↓	↓	↓	↓	↓	↓
<i>1CT60-HQ</i>	<i>TA 4544</i>	↓	↓	↓	↓	↓	↓
<i>1CT56-HQ</i>	<i>TA 4540</i>	↓	↓	↓	↓	↓	↓
<i>1CT21-HQ</i>	<i>TA 4347</i>	↓	↓	↓	↓	↓	↓
<i>1CT23-HQ</i>	<i>TA 4415</i>	↓	↓	↓	↓	↓	↓

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 380

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 47 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICT-66P-HQ AND ICT 66-HQ ↓	SIGNAL WIRES FOR THERMOCOUPLES TA 4342 TA 4417 TA 4490 TA 4544 TA 4540 TA 4347 TA 4415	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSELB 271°/350°F 43.2/42.8 PSIG < 5X10 ⁷ R (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS # 1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 381

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 48 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>SIGNAL WIRES FOR THERMOCOUPLES</i>	<i>CABLES FROM GENERIC GROUPINGS</i>	<i>CONTAINMENT & OTHERS</i>	<i>LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10⁹R (CONTAINMENT ONLY)</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>1CT55-HR</i>	<i>TA 4539</i>	↓	↓	↓	↓	↓	↓
<i>1CT14-HR</i>	<i>TA 4340</i>	↓	↓	↓	↓	↓	↓
<i>1CT11-HR</i>	<i>TA 4337</i>	↓	↓	↓	↓	↓	↓
<i>1CT15-HR</i>	<i>TA 4341</i>	↓	↓	↓	↓	↓	↓
<i>1CT49-HR</i>	<i>TA 4509</i>	↓	↓	↓	↓	↓	↓
<i>1CT52-HR</i>	<i>TA 4536</i>	↓	↓	↓	↓	↓	↓

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 382

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 49 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICT67P-HQ AND ICT67-HQ ↓	SIGNAL WIRES FOR THERMOCOUPLES TA 4539 TA 4340 TA 4337 TA 4341 TA 4509 TA 4536	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG (5x10 ⁷ R (CONTAINMENT ONLY) ↓	PAGE 67 THROUGH 73 ↓	BASIS #1 ↓	CABLES QUALIFIED TO WORST CASE ENVIRONMENT ↓

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 383

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 50 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRES FOR THERMOCOUPLES	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA / MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁻⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICT 41-NQ	TA 4501	↓	↓	↓	↓	↓	↓
ICT 47-NQ	TA 4507	↓	↓	↓	↓	↓	↓
ICT 6-NQ	TA 4432	↓	↓	↓	↓	↓	↓
ICT 7-NQ	TA 4433	↓	↓	↓	↓	↓	↓
ICT 42-NQ	TA 4502	↓	↓	↓	↓	↓	↓
ICT 45-NQ	TA 4505	↓	↓	↓	↓	↓	↓
ICT 48-NQ	TA 4508	↓	↓	↓	↓	↓	↓

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 384

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 51 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICT68P-HQ AND ICT68-HQ ↓	SIGNAL WIRES FOR THERMOCOUPLES TA4501 TA4507 TA4432 TA4433 TA4502 TA4505 TA4508	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT ↓ OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5X10 ⁷ R (CONTAINMENT) ONLY ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
							Revision 2 Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 385

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 52 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>ICT59-EQ</i>	<i>SIGNAL WIRES FOR THERMOCOUPLES TA 4543</i>	<i>CABLES FROM GENERIC GROUPINGS</i>	<i>CONTAINMENT & OTHERS</i>	<i>LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5X10⁷R (CONTAINMENT ONLY)</i>	<i>PAGES 67 THROUGH 73</i>	<i>BASIS #1</i>	<i>CABLING QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>ICT28-EQ</i>	<i>TA4488</i>	↓	↓	↓	↓	↓	↓
<i>ICT24-EQ</i>	<i>TA4416</i>	↓	↓	↓	↓	↓	↓
<i>ICT54-EQ</i>	<i>TA4538</i>	↓	↓	↓	↓	↓	↓
<i>ICT19-EQ</i>	<i>TA4345</i>	↓	↓	↓	↓	↓	↓
<i>ICT53-EQ</i>	<i>TA4537</i>	↓	↓	↓	↓	↓	↓
<i>ICT22-EQ</i>	<i>TA4116</i>	↓	↓	↓	↓	↓	↓

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 386

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 53 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICT71P-EQ AND ICT71-EQ ↓	SIGNAL WIRES FOR THERMOCOUPLES TA4543 TA4488 TA4416 TA4538 TA4345 TA4537 TA4116	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG (5X10 ³ R (CONTAINMENT) ONLY ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
							Revision 2

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 387

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 54 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICT18-EQ	SIGNAL WIRES FOR THERMOCOUPLES TA4344	CABLES FROM GENERIC GROUPINGS	CONTAINMENT # OTHERS	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG (5X10 ⁷ R (CONTAINMENT) ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICT51-EQ	TA4511						
ICT17-EQ	TA4343						
ICT20-EQ	TA4346						
ICT12-EQ	TA4338						
ICT50-EQ	TA4510						

Revision 2

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 308

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 55 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICT72P-EQ AND ICT72-EQ ↓	SIGNAL WIRES FOR THERMOCOUPLES TA4344 TA4511 TA4343 TA4346 TA4338 TA4510	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350° F 93.2/42.8 PSIG <5X10 ⁷ R (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 56 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1CT13-EQ	SIGNAL WIRES FOR THERMOCOUPLES TA4339	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG (5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1CT44-EQ	TA4054	↓	↓	↓	↓	↓	↓
1CT10-EQ	TA4336	↓	↓	↓	↓	↓	↓
1CT9-EQ	TA4335	↓	↓	↓	↓	↓	↓
1CT43-EQ	TA4503	↓	↓	↓	↓	↓	↓
1CT37-EQ	TA4497	↓	↓	↓	↓	↓	↓
1CT4-EQ	TA4330	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 390

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 57 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1CT73P-EQ AND 1CT73-EQ ↓	SIGNAL WIRES FOR THERMOCOUPLES TA 4339 TA4504 TA4336 TA4335 TA4503 TA4497 TA4330	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5 x 10 ⁷ R (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 391

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 58 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
RA-2584-1 RA-2586-1 (UNIT #1)	CONTAINMENT RADIATION DETECTOR HIGH RANGE	VICTOREEN 8750-1	CONTAINMENT	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG < 5x10 ⁻⁷ R	PAGE 84	BASIS #35	

Revision 2

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 59 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<p><u>PENET. 1-47</u> <u>PENET 1-63</u></p>	<p><u>RA-2584-1</u> <u>RA-2586-1</u></p>	<p>CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE</p>	<p>CONTAINMENT & ELEC. PEN.</p>	<p>LOCA / MSLB 271°/350° F 43.2 / 42.8 PSIG $< 5 \times 10^{-7}$ (CONTAINMENT ONLY)</p>	<p>PAGE 65</p>	<p>NONE</p>	<p>QUALIFIED TO WORST CASE ENVIRONMENT</p> <p>Revision 2</p>

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 393

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 60 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
1R44 AM1-AQ 1R44 AM2-AQ (UNIT #1) 1R44 BM1-BQ 1R44 BM2-BQ (UNIT #1)	SIGNAL WIRES FOR DETECTOR RA-2584-1 RA-2586-1	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG < 5x10 ⁷ (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT

Revision 2

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 394

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 61 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
RA 4314 (UNIT #2)	CONTAINMENT RADIATION DETECTOR HIGH RANGE	VICTOREEN 877	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁻⁷ R	PAGE 85	BASIS #34	

Revision 1

Revision I

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 395

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 62 OF 60

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
2R21 (UNIT #2)	CONTAINMENT RADIATION MONITOR HIGH RANGE	VICTORSEN M862CD, S, FU M865T M866I M868B	ELEC. PEN.	RECIRC. <10 ⁵ R	PAGE 85A	BASIS #34	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 396

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 63 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET. 2-63 (UNIT #2)	ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR DETECTOR RA 4314	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT & ELEC. PEN.	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 64 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
(UNIT #2)	SIGNAL WIRES FOR DETECTOR	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA / MSLB 271°/350° F 43.2 / 42.8 PSIG < 5x10 ⁻² E (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
2R21M1P-BQ	RA4314	↓	↓	↓	↓	↓	↓
2R21M2P-BQ	↓	↓	↓	↓	↓	↓	↓
2R21M1-BQ	↓	↓	↓	↓	↓	↓	↓
2R21M2-BQ	↓	↓	↓	↓	↓	↓	↓
2RM7A-EQ	↓	↓	↓	↓	↓	↓	↓
2RM7B-EQ	↓	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 398

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 65 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PA 2344 (PT-948A)	CH. IV CONTAINMENT PRESSURE	PRESSURE TRANSMITTER BARTON 332/351	MECH. PEN. 78	HEBA LONG TERM 212°F 1PSIG < 5x10 ⁷ R	PAGE 52 PAGE 54	BASIS #22	
PA 2345 (PT-948B)	CH. III						
PA 2346 (PT-948C)	CH. II						
PA 2568 (PT-948D)	CH. I						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 399

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT PARAMETERS

SHEET 66 OF 66

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRE FOR INSTRUMENT	CABLE FROM GENERIC GROUPINGS	ELEC. PEN. & OTHERS	N/A	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
15I128-DQ	PA 2344	↓	↓	↓	↓	↓	↓
15I129-CQ	PA 2345	↓	↓	↓	↓	↓	↓
15I130-BQ	PA 2346	↓	↓	↓	↓	↓	↓
15I131-AQ	PA 2568	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 400

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 1 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
NOZZLE SUPPORT VENT FAN MOTOR	COOLING FOR REACTOR NOZZLE SUPPORTS	MOTOR WESTINGHOUSE MODEL: TBFC.	CONTAINMENT ↓	MSLB 350°F 42.8 PSIG 6.5x10 ⁷ R ↓	PAGE 8B	BASIS [#] 36 ↓	
REACTOR SHIELD VENT FAN MOTOR	REACTOR SHIELD	WESTINGHOUSE MODEL: TBAM			PAGE 8BA		
CONTROL ROD DRIVE FAN MOTOR	CONTROL ROD	WESTINGHOUSE 77C27257			PAGE 8BB		

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 401

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 2 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITMS	REMARKS
	<i>ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR MOTIVE POWER FOR REACTOR NOZZLE SUPPORT VENT FANS</i>	<i>CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE</i>	<i>CONTAINMENT & ELEC. PEN.</i>	<i>LOCA/MSLB 271°/350°F 43.2/42.8 PSIG 2.5 x 10⁹ R (CONTAINMENT ONLY)</i>	<i>PAGE 66</i>	<i>NONE</i>	<i>QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>PENET. 1-43</i>	<i># 11</i>	↓	↓	↓	↓	↓	↓
<i>PENET. 1-41</i>	<i># 12</i>	↓	↓	↓	↓	↓	↓
<i>PENET. 1-37</i>	<i># 13 & 14</i>	↓	↓	↓	↓	↓	↓

BALEN GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION,
 ENVIRONMENTAL

PAGE 402

MASTER LIST
 ELECTRICAL/CONTROL EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 3 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A VENTILATION 230V VITAL C.C.	POWER / CONTROL FOR REACTOR NOZZLE SUPPORT VENT FANS # 11	GENERAL ELECTRIC 7700 LME ↓	VITAL VENT AREA ↓	RS610C C103R ↓	PAGE 74 (UNIT 1) PAGE 74H (UNIT 2) ↓	NONE ↓	
1B VENTILATION 230V VITAL C.C.	# 12						
1C VENTILATION 230V VITAL C.C.	# 13 & # 14						

Revision 2

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 403

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 4 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POWER/CONTROL CABLES FOR	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PPSIG 2.5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1A13YBP-A	#11 REACTOR NOZZLE SUPPORT VENT FAN ↓						
1A13YB-A							
1A13YA2-RT							
1B13YBP-B	#12 REACTOR NOZZLE SUPPORT VENT FAN ↓						
1B13YB-B							
1B13YA2-BT							

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 5 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POWER/CONTROL CABLES FOR	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG L5X107R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS # 1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IC13YAP-C	#13 REACTOR NOZZLE SUPPORT VENT FAN ↓	↓	↓	↓	↓	↓	↓
IC13YA-C							
IC13YEP-C	#14 REACTOR NOZZLE SUPPORT VENT FAN ↓	↓	↓	↓	↓	↓	↓
IC13YE-C							
IC13YA2-CT	#15/14 REACTOR NOZZLE SUPPORT VENT FAN						

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 405

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 6 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A VENTILATION 230V VITAL G.C.	# 11	GENERAL ELECTRIC 7700 LINE ↓	VITAL VENT AREA ↓	RECIRC. <10%R ↓	PAGE 74 (UNIT 1) PAGE 74A (UNIT 2) ↓	NONE ↓	
1B VENTILATION 230V VITAL G.C.	# 12						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 406

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 7 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JT-547 (UNIT 1) JT-558 (UNIT 2)	ELECTRICAL CONNECTIONS 1E5XPA-E/1E5XP-E	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S)	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG L 5x10 ⁷ R (CONTAINMENT ONLY)	PAGE 69	NONE	
JT-548 (UNIT 1) JT-559 (UNIT 2)	1E17XPA-E/1E17XP-E	↓	↓	↓	↓	↓	
JT-549 (UNIT 1) JT-560 (UNIT 2)	1G5XPA-G/1G5XP-G						
JT-550 (UNIT 1) JT-561 (UNIT 2)	1G17XPA-G/1G17XP-G						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 407

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 8 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>PENET. 1-43</i>	<i># 11</i>	<i>CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE</i>	<i>CONTAINMENT & ELEC. PEN.</i>	<i>LOCA/MSLB 271°/350°F 432/42.8 PSIG < 5x10⁻⁷R (CONTAINMENT ONLY)</i>	<i>PAGE 66</i>	<i>NONE</i>	<i>QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>PENET. 1-41</i>	<i># 12</i>						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 408

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 9 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POWER/CONTROL CABLES FOR:	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG ≤ 5x10 ⁻⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLES QUALIFIED TO WREST CASE ENVIRONMENT
1A13YAP-A	#11 REACTOR SHIELD VENT FAN ↓	↓	↓	↓	↓	↓	↓
1A13YA-A							
1A13YA2-AT							
1B13YAP-B	#12 REACTOR SHIELD VENT FAN ↓	↓	↓	↓	↓	↓	↓
1B13YA-B							
1B13YA2-BT							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 409

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 10 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
<i>PENET. 1-50</i>	<i>ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR CONTROL ROD DRIVE VENT FANS # 11 & 12</i>	<i>CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE ↓</i>	<i>CONTAINMENT & ELEC. PEN. ↓</i>	<i>LCOA/MSLB 271°/350°F 43.2/42.8 PSIG < 5% ID'R (CONTAINMENT ONLY) ↓</i>	<i>PAGE 66 ↓</i>	<i>NONE ↓</i>	<i>QUALIFIED TO WORST CASE ENVIRONMENT ↓</i>
<i>PENET. 1-46</i>	<i># 13 & 14</i>						

Revision I

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 410

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 11 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITFMS	REMARKS
1E5XPA-E 1E5XP-E 1E5X-E	POWER CABLES FOR MOTIVE POWER FOR #11 CONTROL ROD DRIVE VENT FAN	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.0 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1E17XPA-E 1E17XP-E 1E17X-E	#12 CONTROL ROD DRIVE VENT FAN						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 411

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 12 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
165XPA-G 165XP-G 165X-G	POWER CABLES FOR MOTIVE POWER FOR #13 CONTROL ROD DRIVE VENT FAN	CABLES FOR GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG. <5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1917XPA-G 1917XP-G 1917X-G	#14 CONTROL ROD DRIVE VENT FAN						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 412

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 13 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SR#1 (NE-31) IR#1 (NE-35) PR#1 (NE-41A & 41B) PE#4 (NE-44A & 44B)	EXCORE NEUTRON DETECTORS ↓	NEUTRON DETECTORS WESTINGHOUSE WL 23706 WL 23707 WL 23708 ↓	CONTAINMENT ↓	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG < 5x10' R ↓	PAGE 87 ↓	BASIS #13 ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 413

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 14 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SR#2 (NE-32) IR#2 (NE-36) PR#2 (NE-42A & 42B) PR#3 (NE-43A & 43B)	EXCORE NEUTRON DETECTORS ↓	NEUTRON DETECTORS WESTINGHOUSE WL23706 WL23707 WL23708 ↓	CONTAINMENT ↓	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG < 5x10 ⁷ R ↓	PAGE 87 ↓	BASIS #13 ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 414

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 15 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SE#1 PRE-AMP (UNIT#1 ONLY)	EXCORE NEUTRON DETECTOR PRE-AMP ↓	PBE-AMPLIFIER WESTINGHOUSE 1045F14-601 ↓	ELEC. PEN. ↓	RBCIEC. < 10 ⁵ R ↓	PAGE 87A ↓	BASIS #13 ↓	
SE#2 PRE-AMP (UNIT#1 ONLY)							

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 16 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SR#1 (UNIT#2 ONLY)	EXCORE NEUTRON DETECTOR PRE-AMP ↓	PRE-AMPLIFIER WESTINGHOUSE 1045F14-G01 ↓	CONTAINMENT ↓	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG < 5x10 ⁻⁷ R ↓	PAGE 87A ↓	BASIS#13 ↓	
SR#2 (UNIT#2 ONLY)							

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 416

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 17 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
JT-9 (UNIT #2)	ELECTRICAL CONNECTIONS 2NIS48-BQ / 2NIS14A-BQ 2NIS4C-BQ / 2NIS14B-BQ	JUNCTION BOX WITH INTEGRAL TERMINAL BLOCK(S) PSE&G DESIGN WITH BUCHANAN BLOCK(S) 2B112N ↓	ELEC. PEN. ↓	RECIRC. < 10 ⁵ R ↓	PAGE 6A ↓	NONE ↓	
JT-10 (UNIT #2)	2NIS18-AQ / 2NIS13A-AQ 2NIS1C-AQ / 2NIS13B-AQ						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 417

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 18 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR</i>	<i>CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE</i>	<i>CONTAINMENT & ELEC. PEN</i>	<i>LOCA/MSLB 871°/950° F 43.2/43.8 PSIG < 5x10⁷R (CONTAINMENT ONLY)</i>	<i>PAGE 65</i>	<i>NONE</i>	<i>QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>PENET. 1-19</i>	<i>SR #2 IR #2 PR #2</i>	↓	↓	↓	↓	↓	↓
<i>PENET. 1-17</i>	<i>PR #3</i>	↓	↓	↓	↓	↓	↓
<i>PENET. 1-15</i>	<i>SR #1 IR #1 PR #1</i>	↓	↓	↓	↓	↓	↓
<i>PENET. 1-21</i>	<i>PR #4</i>	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 19 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
(UNIT #) ONLY	SIGNAL WIRES FOR DETECTOR	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
INIS1AP-AQ	SR #1	↓	↓	↓	↓	↓	↓
INIS1A-AQ	(UNIT #) ONLY	↓	↓	↓	↓	↓	↓
INIS13A-AQ	↓	↓	↓	↓	↓	↓	↓
INIS13B-AQ	↓	↓	↓	↓	↓	↓	↓
INIS13D-AQ	↓	↓	↓	↓	↓	↓	↓
INIS13E-AQ	↓	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 20 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
(UNIT #2 ONLY)	SIGNAL WIRES FOR DETECTOR	CABLE FROM GENERIC GROUPINGS	CONFINEMENT & OTHERS	LOCA/MSLB 271°/350° F 432/428 PSIG < 5x10 ⁷ R (CONFINEMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
2NIS1D-AQ	SE #1 (UNIT #2 ONLY)	↓	↓	↓	↓	↓	↓
2NIS1RP-AQ	↓	↓	↓	↓	↓	↓	↓
2NIS1CP-AQ	↓	↓	↓	↓	↓	↓	↓
2NIS1B-AQ	↓	↓	↓	↓	↓	↓	↓
2NIS1C-AQ	↓	↓	↓	↓	↓	↓	↓
2NIS13A-AQ	↓	↓	↓	↓	↓	↓	↓
2NIS13B-AQ	↓	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 21 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRES FOR DETECTOR	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350° 43.2/42.8 PSIG (5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BA515 ^{#1}	CABLING QUALIFIED TO WREST CASE ENVIRONMENT
INIS2CP-AQ	IR#1 ↓	↓	↓	↓	↓	↓	↓
INIS2BP-AQ							
INIS2AP-AQ							
INIS2C-AQ							
INIS2B-AQ							
INIS2A-AQ							

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 22 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRES FOR DETECTOR	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG (5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
INIS3CP-AQ	PR #1 ↓	↓	↓	↓	↓	↓	↓
INIS3BP-AQ							
INIS3AP-AQ							
INIS3C-AQ							
INIS3B-AQ							
INIS3A-AQ							

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 422

SYSTEM MISCELLANEOUS

SHEET 23 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRES FOR DETECTOR	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350° F 43.2/42.8 FSIS LSX10 ¹ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
INIS10CP-DQ	PR #4 ↓	↓	↓	↓	↓	↓	↓
INIS10BP-DQ							
INIS10AP-DQ							
INIS10C-DQ							
INIS10B-DQ							
INIS10A-DQ							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 24 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
(UNIT #1) ONLY	SIGNAL WIRES FOR DETECTOR	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG LSX07R (CONTAINMENT) ONLY	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
INIS4AP-BQ	SR #2 (UNIT #1) ONLY	↓	↓	↓	↓	↓	↓
INIS4A-BQ	↓	↓	↓	↓	↓	↓	↓
INIS14A-BQ	↓	↓	↓	↓	↓	↓	↓
INIS14B-BQ	↓	↓	↓	↓	↓	↓	↓
INIS14D-BQ	↓	↓	↓	↓	↓	↓	↓
INIS14E-BQ	↓	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 25 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
(UNIT # 2) ONLY	SIGNAL WIRES FOR DETECTOR	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG ≤5X10 ⁻⁷ R (CONTAINMENT) ONLY	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
2NIS4D-BQ	SR #2	↓	↓	↓	↓	↓	↓
2NIS4BP-BQ	(UNIT # 2) ONLY	↓	↓	↓	↓	↓	↓
2NIS4CP-BQ	↓	↓	↓	↓	↓	↓	↓
2NIS4B-BQ	↓	↓	↓	↓	↓	↓	↓
2NIS4C-BQ	↓	↓	↓	↓	↓	↓	↓
2NIS14A-BQ	↓	↓	↓	↓	↓	↓	↓
2NIS14B-BQ	↓	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 425

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 26 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFICATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRES FOR DETECTOR	CABLE FROM GENERIC GROUPINGS	CONTAINMENT + OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5X10 ⁷ R (CONTAINMENT) ONLY	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
INISSCP-BQ	IR #2						
INISSBP-BQ							
INISSAP-BQ							
INISSC-BQ							
INISSB-BQ							
INISSA-BQ							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 426

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 27 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRES FOR DETECTOR	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <SX107R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
INIS6AP-BQ	PR #2						
INIS6BP-BQ							
INIS6CP-BQ							
INIS6A-BQ							
INIS6B-BQ							
INIS6C-BQ							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 427

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 28 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	SIGNAL WIRES FOR DETECTOR	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁷ R (CONTAINMENT) ONLY	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
INISBAP-CQ	PR #3						
INISBBP-CQ							
INISBCP-CQ							
INISBA-CQ							
INISBB-CQ							
INISBC-CQ							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 428

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 29 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ROD POSITION INDICATING DEVICE	CONTROL ROD POSITION INDICATION	WESTINGHOUSE KD-8805-12	CONTAINMENT	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG L5X10"R	PAGE 86	BASIS # 38	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 30 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	<i>ELECTRICAL CONNECTIONS FOR ASSOCIATED CABLES FOR ROD POSITION INDICATORS</i>	<i>CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE</i>	<i>CONTAINMENT ELEC. PEN.</i>	<i>LOCA/MSLB 291°/350°F 43.2/42.8 PSIG < 5x10⁻⁷R (CONTAINMENT ONLY)</i>	<i>PAGE 65</i>	<i>NONE</i>	<i>QUALIFIED TO WORST CASE ENVIRONMENT</i>
<i>PENET. 1-35</i>	↓	↓	↓	↓	↓	↓	↓
<i>PENET. 1-38</i>	↓	↓	↓	↓	↓	↓	↓
<i>PENET. 1-53</i>	↓	↓	↓	↓	↓	↓	↓
<i>PENET. 1-59</i>	↓	↓	↓	↓	↓	↓	↓

Revision I

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 430

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 31 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
EPI DISCONNECT RACK ↓	ELECTRICAL CONNECTIONS ICR94A-FQ / ICR94P-FQ ICR74A-FQ / ICR74P-FQ ICR117A-FQ / ICR117P-FQ ICR106A-FQ / ICR106P-FQ ICR90A-FQ / ICR90P-FQ ICR86A-FQ / ICR86P-FQ ICR124A-FQ / ICR124P-FQ	INSTRUMENT RACK PSE&G DESIGN WITH PLUG-IN CONNECTORS AMPHENOL 48-06R-14-75 48-00R-14-7P ↓	CONTAINMENT ↓	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG < 5X10 ⁻⁶ R ↓	PAGE 62 AND PAGE 100 ↓	NONE AND BASIS # 38 ↓	
							Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 431

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 32 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
RPI DISCONNECT RACK (CONT'D)	ELECTRICAL CONNECTIONS	INSTRUMENT RACK PSE&G DESIGN WITH PLUG-IN CONNECTORS	CONTAINMENT	LOCA / MSLB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R	PAGE 62 AND	NONE AND	
	1CR110A-FQ/ 1CR110P-FQ						
	1CR121A-FQ/ 1CR121P-FQ	AMPHENOL 48-06R-14-75 48-00R-14-7P			PAGE 100	BASIS # 58	
	1CR82A-FQ/ 1CR82P-FQ						
	1CR102A-FQ/ 1CR102P-FQ						
	1CR78A-FQ/ 1CR78P-FQ						
	1CR98A-FQ/ 1CR98P-FQ						
	1CR83A-FQ/ 1CR83P-FQ						

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 432

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 53 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
RPI DISCONNECT RACK (CONT'D)	ELECTRICAL CONNECTIONS	INSTRUMENT RACK PSE&G DESIGN WITH PLUG-IN CONNECTORS	CONTAINMENT	LOCA / NSLB 271°/350°F 43.2/42.8 PSIG L5X10 ⁷ R	PAGE 62 AND	NONE AND	
	ICR103A-FQ/ ICR103P-FQ	AMPHENOL 48-OGR-14-7S 48-OOR-14-7P			PAGE 100	BASIS # 38	
	ICR79A-FQ/ ICR79P-FQ						
	ICR99A-FQ/ ICR99P-FQ						
	ICR95A-FQ/ ICR95P-FQ						
	ICR75A-FQ/ ICR75P-FQ						
	ICR107A-FQ/ ICR107P-FQ						
	ICR118A-FQ/ ICR118P-FQ						

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 34 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
RPI DISCONNECT RACK (CONT'D)	ELECTRICAL CONNECTIONS	INSTRUMENT RACK PSE&G DESIGN WITH PLUG-IN CONNECTORS	CONTAINMENT	LOCA / MSLB 271°/350° F 43.2/42.8 PSIG < 5X10 ⁻⁷ R	PAGE 62	NONE	
↓	ICR91A-FQ/ /ICR91P-FQ	↓	↓	↓	AND	AND	
↓	ICR87A-FQ/ /ICR87P-FQ	AMPHENOL 48 - OGR - 14 - 75 48 - OOR - 14 - 7P	↓	↓	PAGE 100	BASIS # 38	
↓	ICR114A-FQ/ /ICR114P-FQ	↓	↓	↓	↓	↓	
↓	ICR111A-FQ/ /ICR111P-FQ	↓	↓	↓	↓	↓	
↓	ICR122A-FQ/ /ICR122P-FQ	↓	↓	↓	↓	↓	
↓	ICR84A-FQ/ /ICR84P-FQ	↓	↓	↓	↓	↓	
↓	ICR104A-FQ/ /ICR104P-FQ	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 434

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 35 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
RPI DISCONNECT RACK (CONT'D)	ELECTRICAL CONNECTIONS	INSTRUMENT RACK PSE&G DESIGN WITH PLUG-IN CONNECTORS	CONTAINMENT	LOCA / MSLB 271°/350°F 43.2/42.8 Psig <5X10 ⁷ R	PAGE 62 AND PAGE 100	NONE AND BASIS # 38	
	ICR80A-FQ/ /ICR80P-FQ						
	ICR100A-FQ/ /ICR100P-FQ	AMPHENOL 48-06R-14-75 48-00R-14-7P					
	ICR76A-FQ/ /ICR76P-FQ						
	ICR96A-FQ/ /ICR96P-FQ						
	ICR108A-FQ/ /ICR108P-FQ						
	ICR119A-FQ/ /ICR119P-FQ						
	ICR92A-FQ/ /ICR92P-FQ						
							Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 435

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 36 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
RPI DISCONNECT RACK (CONT'D)	ELECTRICAL CONNECTIONS	INSTRUMENT RACK PSE & G DESIGN WITH PLUG-IN CONNECTORS	CONTAINMENT	LOCA / MSLB 271° / 350°F 43.2 / 42.8 PSIG < 5X10 ⁻⁷ R	PAGE 62 AND PAGE 100	NONE AND BASIS #38	
↓	ICR88A-FQ/ ICR88P-FQ	↓	↓	↓	↓	↓	
↓	ICR125A-FQ/ ICR125P-FQ	↓	↓	↓	↓	↓	
↓	ICR112A-FQ/ ICR112P-FQ	↓	↓	↓	↓	↓	
↓	ICR123A-FQ/ ICR123P-FQ	↓	↓	↓	↓	↓	
↓	ICR115A-FQ/ ICR115P-FQ	↓	↓	↓	↓	↓	
↓	ICR73A-FQ/ ICR73P-FQ	↓	↓	↓	↓	↓	
↓	ICR93A-FQ/ ICR93P-FQ	↓	↓	↓	↓	↓	
↓	ICR116A-FQ/ ICR116P-FQ	↓	↓	↓	↓	↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 436

SYSTEM MISCELLANEOUS

SHEET 37 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
RPI DISCONNECT RACK (CONT'D) ↓	ELECTRICAL CONNECTIONS ICR105A-FQ/ ICR105P-FQ ICR89A-FQ/ ICR89P-FQ ICR85A-FQ/ ICR85P-FQ ICR113A-FQ/ ICR113P-FQ ICR109A-FQ/ ICR109P-FQ ICR120A-FQ/ ICR120P-FQ ICR81A-FQ/ ICR81P-FQ	INSTRUMENT RACK PSE&G WITH PLUG-IN CONNECTORS AMPHENOL 48-06R-14-75 48-00R-14-7P ↓	CONTAINMENT ↓	LOCA / MSLB 271°/350°F 43.2/42.8 PSIG <5x10TR ↓	PAGE 62 AND PAGE 100 ↓	NONE AND BASIS # 58 ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

PAGE 437

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 38 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
RPI DISCONNECT RACK (CONT'D) ↓	ELECTRICAL CONNECTIONS ICR101A-FQ/ICR101P-FQ ICR77A-FQ/ICR77P-FQ ICR97A-FQ/ICR97P-FQ	INSTRUMENT RACK PSE&G DESIGN WITH PLUG-IN CONNECTORS AMPHENOL 48-06R-14-75 48-00R-14-7P	CONTAINMENT ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁷ R ↓	PAGE 62 PAGE 100 ↓	NONE BASIS #38 ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 39 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFICATION	OUTSTANDING ITEMS	REMARKS
1CR94A-FQ 1CR94P-FQ 1CR94-FQ 1CR74A-FQ 1CR74P-FQ 1CR74-FQ 1CR117A-FQ 1CR117P-FQ 1CR117-FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 40 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1CR106A-FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FOR GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLES QUALIFIED TO WORST CASE ENVIRONMENT
1CR106P-FQ							
1CR106-FQ							
1CR90A-FQ							
1CR90P-FQ							
1CR90-FQ							
1CR86A-FQ							
1CR86P-FQ							
1CR86-FQ							

Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 440

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 41 OF 56

Revision 1

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1CR124A-FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSI _G < 5 X 10 ⁷ R (CONTAINMENT) ONLY	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1CR124P-FQ							
1CR124-FQ							
1CR110A-FQ							
1CR110P-FQ							
1CR110-FQ							
1CR121A-FQ							
1CR121P-FQ							
1CR121-FQ							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 42 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1CR82A-FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8PSIG <5X10 ⁻⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1CR82P-FQ							
1CR82-FQ							
1CR102A-FQ							
1CR102P-FQ							
1CR102-FQ							
1CR78A-FQ							
1CR78P-FQ							
1CR78-FQ							

REVISION 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 442

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 43 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1CR98A-FQ 1CR98P-FQ 1CR98-FQ 1CR83A-FQ 1CR83P-FQ 1CR83-FQ 1CR103A-FQ 1CR103P-FQ 1CR103-FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIS. 45X10 ⁷ R (CONTAINMENT) ONLY	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
	↓	↓	↓	↓	↓	↓	↓
	—	—	—	—	—	—	—

Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 443

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 44 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICR79A-FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG (5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICR79P-FQ							
ICR79-FQ							
ICR99A-FQ							
ICR99P-FQ							
ICR99-FQ							
ICR95A-FQ							
ICR95P-FQ							
ICR95-FQ							
							Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 45 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICR75A - FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICR75P - FQ							
ICR75 - FQ							
ICR107A-FQ							
ICR107P-FQ							
ICR107 - FQ							
ICR118A-FQ							
ICR118P-FQ							
ICR118-FQ							

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 46 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICR91A-FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8PSIG (5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICR91P-FQ							
ICR91-FQ							
ICR87A-FQ							
ICR87P-FQ							
ICR87-FQ							
ICR114A-FQ							
ICR114P-FQ							
ICR114-FQ							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 47 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICR111A - FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS ↓	CABLE FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG (5x10 ⁷ R (CONTAINMENT ONLY) ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
ICR111P - FQ							
ICR111 - FQ							
ICR122A - FQ							
ICR122P - FQ							
ICR122 - FQ							
ICR84A - FQ							
ICR84P - FQ							
ICR84 - FQ							

REVISION 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 48 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICR104A-FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICR104P-FQ							
ICR104-FQ							
ICR80A-FQ							
ICR80P-FQ							
ICR80-FQ							
ICR100A-FQ							
ICR100P-FQ							
ICR100-FQ							

REVISOR 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 49 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICR76A-FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG (5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICR76P-FQ							
ICR76-FQ							
ICR96A-FQ							
ICR96P-FQ							
ICR96-FQ							
ICR108A-FQ							
ICR108P-FQ							
ICR108-FQ							

Revision 1

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 50 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICR119A-FR ICR119P-FR ICR119-FR ICR92A-FR ICR92P-FR ICR92-FR ICR88A-FR ICR88P-FR ICR88-FR	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WVEST CASE
	↓	↓	↓	↓	↓	↓	↓
							Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 51 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICR125A-FR	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 432/43.8 PSI (5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS # 1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICR125P-FR							
ICR125-FR							
ICR112A-FR							
ICR112P-FR							
ICR112-FR							
ICR123A-FR							
ICR123P-FR							
ICR123-FR							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 52 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICR115A-FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/43.8 PSIG ≤ 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICR115P-FQ							
ICR115-FQ							
ICR73A-FQ							
ICR73P-FQ							
ICR73-FQ							
ICR93A-FQ							
ICR93P-FQ							
ICR93-FQ							

Revision I

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 53 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICR116A-FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 2710/350°F 43.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICR116P-FQ							
ICR116-FQ							
ICR105A-FQ							
ICR105P-FQ							
ICR105-FQ							
ICR89A-FQ							
ICR89P-FQ							
ICR89-FQ							
							Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 54 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICR85A-FQ	SIGNAL WIRES FOR EOD POSITION INDICATORS	CABLE FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 43.2/42.8 FSIG 2.5x10 ⁷ R (CONTAINMENT) ONLY	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
ICR85P-FQ							
ICR85-FQ							
ICR113A-FQ							
ICR113P-FQ							
ICR113-FQ							
ICR109A-FQ							
ICR109P-FQ							
ICR109-FQ							
							Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 454

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 55 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
ICR120A-FQ	SIGNAL WIRES FOR ROD POSITION INDICATORS ↓	CABLE FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5X10 ⁷ R (CONTAINMENT) ONLY ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
ICR120P-FQ							
ICR120-FQ							
ICR81A-FQ							
ICR81P-FQ							
ICR81-FQ							
ICR101A-FQ							
ICR101P-FQ							
ICR101-FQ							
							Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 455

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM MISCELLANEOUS

SHEET 56 OF 56

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1CR71A-FQ	SIGNAL WIRES FOR EOD POSITION INDICATORS ↓	CABLE FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG 2.5x10 ⁷ R (CONTAINMENT) ONLY ↓	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
1CR77P-FQ							
1CR77-FQ							
1CR97A-FQ							
1CR97P-FQ							
1CR97-FQ							

Revision 4

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 456

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 1 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
11SJ54	ACCUMULATOR ISOLATION VALVE TO 11 COLD LEG	MOTOR OPERATED VALVE LIMITORQUE SMB-0	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5X107 R	PAGE 631 PAGE 632	BASIS #1	
12SJ54	ACCUMULATOR ISOLATION VALVE TO 12 COLD LEG						
13SJ54	ACCUMULATOR ISOLATION VALVE TO 13 COLD LEG						
14SJ54	ACCUMULATOR ISOLATION VALVE TO 14 COLD LEG						

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 457

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 2 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION FOR VALVES	LIMIT SWITCH LIMITORQUE LIMIT SWITCH INTERNAL TO MOTOR	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG < 5X10TR	PAGE 63-1 PAGE 63-2	BASIS #1	
	11 SJ54	↓	↓	↓	↓	↓	
	12 SJ54	↓	↓	↓	↓	↓	
	13 SJ54	↓	↓	↓	↓	↓	
	14 SJ54	↓	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 458

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 3 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	ELECTRICAL CONNECTION FOR ASSOCIATED CABLES FOR VALVES	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT (ELEC. PEN.)	LOCA/MSLB 270°/350° F 43.2/42.8 PSIG < SX10TR (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
PENET. 1-43	11 SJ54	↓	↓	↓	↓	↓	↓
PENET. 1-41	12 SJ54 14 SJ54	↓	↓	↓	↓	↓	↓
PENET. 1-37	13 SJ54	↓	↓	↓	↓	↓	↓

Revision 1

revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION
 ENVIRONMENTAL

PAGE 459

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 4 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POWER/CONTROL FOR ACCUMULATOR ISOLATION VALVES	GENERAL ELECTRIC 7700 LINE	ELEC. PEN.-78	RECIRC. <108R	PAGE 74 (UNIT 1) PAGE 74A (UNIT 2)	BASIS 7	
1A EAST MOTOR CONTROL CENTER	11 SJ 54	↓	↓	↓	↓	↓	
1B EAST MOTOR CONTROL CENTER	12 SJ 54 14 SJ 54	↓	↓	↓	↓	↓	
1C EAST MOTOR CONTROL CENTER	13 SJ 54	↓	↓	↓	↓	↓	

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 5 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	POWER CABLES FOR VALVES	CABLE FOR GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350°F 48.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS 61	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1A3YAEP-A	11 SJ54	↓	↓	↓	↓	↓	↓
1A3YAE-A	↓						
1B3YAEP-B	12 SJ54						
1B3YAE-B	↓						
1C3YAEP-C	13 SJ54						
1C3YAE-C	↓						
1B3YAGP-B	14 SJ54						
1B3YAG-B	↓						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 461

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 6 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A3YAE2P-AT	CONTROL/POSITION INDICATION WIRES FOR LIMIT SWITCH FOR VALVE 11SJ54 ↓	CABLES FROM GENERIC GROUPINGS ↓	CONTAINMENT & OTHERS ↓	LOCA/MSLB 271°/350°F 43.2/42.8PSIG (5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73 ↓	BASIS #1 ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT ↓
1A3YAE2-AT							
1B3YAE2P-BT	12SJ54 ↓	↓	↓	↓	↓	↓	↓
1B3YAE2-BT							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 462

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 7 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
	CONTROL/POSITION INDICATION WIRES FOR LIMIT SWITCH FOR VALVE	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG < 5X10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1C3YAE2P-CT	135J54						
1C3YAE2-CT							
1B3YAG2P-BT	145J54						
1B3YAG2-BT							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 463

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 8 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
LA0241 (LT-934A)	ACCUMULATOR LEVEL # 11	DIFFERENTIAL PRESSURE TRANSMITTER BARTON MODEL 384	CONTAINMENT	LOCA/MELB 271°/360° F 42.2/42.8 PSIG (5X101R)	PAGE 14B (UNIT 1) PAGE 14E (UNIT 2)	BAFIS #24	
LA0242 (LT-935A)	# 11	↓	↓	↓	↓	↓	
LA0237 (LT-934B)	# 12	↓	↓	↓	↓	↓	
LA0238 (LT-935B)	# 12	↓	↓	↓	↓	↓	

Revision 2

BALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

SYSTEM ACCUMULATORS

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER FOULATED ACCIDENT CONDITIONS

SHEET 10 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PA0243 (PT-936A)	ACCUMULATOR # 11	PRESSURE TRANSDUCER FISCHER-TOETHE SD EP10518CA-NS	CONTAINMENT	LOCN/NSLB 211/350 F 432/428 PSYS < 5X10 ⁻²	REGG MC (UNIT) PAGE 14D (UNIT2)	BASIS # 24	
PA0244 (PT-937A)	ACCUMULATOR # 12						
PA0259 (PT-936B)							
PA0240 (PT-937B)							

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 466

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 11 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PA 0235 (PT-936C)	#13 ↓	PRESSURE TRANSMITTER FISHER-PORTER 506P1031BEXA-NS ↓	CONTAINMENT ↓	Loca/MSLB 371°/350°F 482/42.8 PSIG < 5x10 ⁻⁶	PAGE 14C (UNIT 1) PAGE 14D (UNIT 2) ↓	BASIS #24 ↓	
PA 0236 (PT-937C)							
PA 0230 (PT-936D)	#14 ↓						
PA 0231 (PT-937D)							

Revision 2

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 467

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 12 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 233	ENCLOSURE FOR LA 0241 LA 0242 PA 0243 PA 0244 AND ELECTRICAL CONNECTIONS LA 0241 PA 0243 / 15I88P-A9 LA 0242 PA 0244 / 15I89P-B9	2-BAY INSTRUMENT PANEL PSE&G DESIGN TERMINAL BLOCK(S) BUCHANAN 2B112N	CONTAINMENT ↓	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁻² R ↓	PAGE 62 PAGE 6A	NONE ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 468

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 13 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 234	ENCLOSURE FOR LA 0237 LA 0238 PA 0239 PA 0240 AND ELECTRICAL CONNECTIONS LA 0237 PA 0239 / 15I90P-BQ LA 0238 PA 0240 / 15I91P-AQ	2-BAY INSTRUMENT PANEL PSE&G DESIGN TERMINAL BLOCK(S) BUCHANAN 2B112N	CONFINEMENT ↓	LOCAL/MSLB 271°/350°F 43.2/42.8 PSIG ≤ 5x10 ⁻⁷ R ↓	PAGE 62 PAGE 6A	NONE ↓	

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 469

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 14 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 235	ENCLOSURE FOR LA 0233 LA 0234 PA 0235 PA 0236 AND ELECTRICAL CONNECTIONS LA 0233 PA 0235 / 15I92R-C9 LA 0234 PA 0236 / 15I93P-D9	2-BAY INSTRUMENT PANEL PSE&G DESIGN TERMINAL BLOCK(S) BUCHANAN 2B112N	CONTAINMENT ↓	LOCAL/MSLB 271°/350°F 43.2/42.8 PSIG L 5X10 ⁷ R ↓	PAGE 62 PAGE 6A	NONE ↓	
							Revision 1

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 470

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 15 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 236	ENCLOSURE FOR LA 0228 LA 0229 PA 0230 PA 0231	2-BAY INSTRUMENT PANEL PSE&G DESIGN	CONTAINMENT	LOCAL/MSLB 271°/350°F 43.2/42.8 PSIG L 5X10 ⁷ R	PAGE 62	NONE	
	AND ELECTRICAL CONNECTIONS LA 0228 / PA 0230 / LA 0229 / PA 0231 / 15I95P-DQ 15I94P-DQ 15I96P-CQ	TERMINAL BLOCK(S) BUCHANAN 2B112N			PAGE 6A		

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 471

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 16 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET. 1-65	ELECTRICAL CONNECTION FOR ASSOCIATED CABLES FOR ACCUMULATOR LEVEL, PRESSURE TRANSMITTERS LA0241,0235 PA0243,0240	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT & ELECT. PEN	LOCA/MSLB 271°/380°F 42.2/42.8 PSIG <5X10 ⁷ R (CONTAINMENT ONLY)	PAGE 66	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
PENET. 1-63	LA0242,0237 PA0244,0239	↓	↓	↓	↓	↓	↓
PENET. 1-59	LA0233,0229 PA0235,0231	↓	↓	↓	↓	↓	↓
PENET. 1-7	LA0234,0228 PA0236,0230	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 472

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 17 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1S188P-AQ	SIGNAL WIRES FOR ACCUMULATOR LEVEL & PRESSURE TRANSMITTERS	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MSLB 271°/350° F 43.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
1S188-AQ							
1S189P-BQ							
1S189-BQ							
1S190P-BQ							
1S190-BQ							

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 473

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 18 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
15I91P-AQ	SIGNAL WIRES FOR ACCUMULATOR LEVEL PRESSURE TRANSMITTERS LA0238 PA0240	CABLES FROM GENERIC GROUPINGS	CONTAINMENT & OTHERS	LOCA/MELB 271°/350°F 43.2/42.8 PSIG < 5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS #1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
15I91-AQ	↓	↓	↓	↓	↓	↓	↓
15I92P-CQ	LA0233 PA0235	↓	↓	↓	↓	↓	↓
15I92-CQ	↓	↓	↓	↓	↓	↓	↓
15I93P-DQ	LA0234 PA0236	↓	↓	↓	↓	↓	↓
15I93-DQ	↓	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 474

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM ACCUMULATORS

SHEET 19 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
15I95P-DQ	SIGNAL WIRES FOR ACCUMULATOR LEVEL PRESSURE TRANSMITTERS LA0228	CABLES FROM GENERIC GROUPINGS	CONTAINMENT (OTHERS)	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG <5x10 ⁷ R (CONTAINMENT ONLY)	PAGES 67 THROUGH 73	BASIS # 1	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
15I95-DQ	↓	↓	↓	↓	↓	↓	↓
15I96P-CQ	LA0229 PA0231	↓	↓	↓	↓	↓	↓
15I96-CQ	↓	↓	↓	↓	↓	↓	↓
15I94P-DQ	PA0230	↓	↓	↓	↓	↓	↓
15I94-DQ	↓	↓	↓	↓	↓	↓	↓

Revision 1

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 475

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT WATER LEVEL-TMI SHEET 1 OF 9

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
LT-938 ‡ LT-939 (3-STAGE)	CONTAINMENT SUMP LEVEL (LOW STAGE)	LEVEL SWITCH, GEMS, MOD # XM60175 (UNIT2) TRANS AMERICA- DELAVAL XMS4852 (UNIT1)	CONTAINMENT EL 78'	LOCA/HSLB 271°/350°F 432/42.8 PSIG 2.5x10 ⁷ R	Pg. 109 (UNIT1) Pg. 109A (UNIT2)	SEC. II BASIS #31	
LT-938 ‡LT-939	CONTAINMENT SUMP LEVEL (MID-STAGE)	LEVEL SWITCH, GEMS, MOD # XM 60174 (UNIT2) TRANS AMERICA DeLaval XMS4853 (UNIT1)	EL 84'				
LT-938 ‡LT-939	CONTAINMENT SUMP LEVEL (UPPER STAGE)	LEVEL SWITCH, GEMS, MOD # XM 60173 (UNIT2) TRANS AMERICA DeLaval XM-54855 (UNIT1)	EL 86'				

Revision #4

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT WATER LEVEL-THT

SHEET 2 OF 9

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFICATION	OUTSTANDING ITEMS	REMARKS
IACS89AB-AQ IACS89BB-AQ	ELECTRICAL CONNECTION BETWEEN LT-938 LOW STAGE & MID STAGE	CABLES FROM GENERIC GROUPINGS	CONTAINMENT	LOCA/MSLB 271°/350°F 43.2/42.8 PSIg .L5x10 ⁷ R	P65 67-73	NONE	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IACS90AB-BQ IACS90BB-BQ	ELECTRICAL CONNECTION BETWEEN LT-939 LOW STAGE & MID STAGE						

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT WATER LEVEL-TMI

SHEET 3 OF 9

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFICATION	OUTSTANDING ITEMS	REMARKS
IACS89AA-AQ IACS89BA-AQ	ELECTRICAL CONNECTION BETWEEN LT-938 MID-STAGE & UPPER-STAGE	CABLES FROM GENERIC GROUPINGS	CONTAINMENT	LOCA/4SLB 271/350°F 43.2/42.8 PSIG 1.5x10 ⁷ R	P65 67 to 73	NONE	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IACS90AA-BQ IACS90BA-BQ	ELECTRICAL CONNECTION BETWEEN LT-939 MID-STAGE & UPPER STAGE						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 478

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT WATER LEVEL-TMI

SHEET A OF 9

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IACS90AP-BQ IACS90BP-BQ (LT-939)	ELECTRICAL CONNECTION BETWEEN UPPER STAGE & ELECTRICAL PENET. 1-63	CABLES FROM GENERIC GROUP ↓	CONTAINMENT ↓	LOCA/MSLB 271/350°F 43.2/42.8PSIG ↓	PGS 67-73 ↓	NONE ↓	CABLING QUALIFIED TO WORST CASE ENVIRONMENT
IACS89AP-AQ IACS89BP-AQ (LT-938)	PENET. 1-65	↓	↓	↓	↓	↓	

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 479

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT WATER LEVEL-TMI SHEET 5 OF 9

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PENET 1-63	ELECTRICAL CONN BETWEEN UPPER- STAGE AND RECEIVER	CONTAINMENT ELECTRICAL PENETRATION CONAX CANISTER TYPE	CONTAINMENT ELEC. PEN	LOCA/MSLB 271°/350°F 43.2/42.8 PSIG 25x10 ⁷ R (CONTAINMENT) ONLY	PG 66	NONE	
PENET 1-65							

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 480

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT WATER LEVEL-TMI SHEET 6 OF 9

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IACS90A-BQ IACS90B-BQ (LT-939) IACS89A-AQ IACS89B-BQ	ELECTRICAL CONNECTION BETWEEN PENETRATION AND RECIEVER PENET. 1-63 PENET. 1-65	CABLES FROM GENERIC GROUPINGS ↓	ELECTRICAL PENETRATION AREA ↓	RECIRC LIOSR ↓	Pgs 67 to 73 ↓	NONE ↓	QUALIFIED TO WORST CASE ENVIRONMENT ↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 481

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT WATER LEVEL - THI

SHEET 7 OF 9

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
LT-938Z	RELIEVER FOR LT-938 SUMP LEVEL SIGNALS	GEMS MOD# RE-60172 (UNIT 2) TRANS AMERICA De-Laval RE-86562 (UNIT 1)	ELECTRICAL PENETRATION AREA E183	RECIRC. L105R	PG 110 (UNIT 1) PG 110A (UNIT 2)	SEC XI + BASIS # 31	
LT-939Z	LT-939	↓	↓	↓	↓	↓	
JT-884 (UNIT 1)	TERMINAL BOX FOR LT-939Z	P.S.E. & G DESIGN WITH BUCHANAN BLOCKS MODEL 2B112N	↓	↓	PG 64	NONE	
JT-885 (UNIT 1)	LT-938Z	↓	↓	↓	↓	↓	
JT-886 (UNIT 2)	LT-939Z	↓	↓	↓	↓	↓	
JT-887 (UNIT 2)	LT-938Z	↓	↓	↓	↓	↓	

Revision 4

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 482

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT WATER LEVEL - THZ

SHEET 8 OF 9

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
IACS88A-BQ IACS25A-BT IACS25B-BT	ELECTRICAL CONNECTIONS BETWEEN LT-939Z & TERM BOX JT-884	CABLES FROM GENERIC GROUPING	ELECTRICAL PENETRATION AREA	RECIRC L105R	DGS. 67 to 73	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
IACS87A-AQ IACS24A-AT IACS24B-AT	ELECTRICAL CONNECTIONS BETWEEN LT-938Z & TERM BOX JT-885						
IACS25-BT IACS88-BQ	ELECTRICAL CONN BETWEEN JT-884 & TERM CAB TP12-1						
IACS24-AT IACS87-AQ	ELECTRICAL CONN BETWEEN JT-885 & TERM CAB TP11-1						

Revision 3

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM CONTAINMENT WATER LEVEL - THZ

SHEET 9 OF 9

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
2ACS88A-BQ 2ACS25A-BT 2ACS25B-BT	ELECTRICAL CONN BETWEEN LT-939E TERM BOX JT-886	CABLES FROM GENERIC GROUPING	ELECTRICAL PENETRATION AREA	RECIRC L105R	P65 67+73	NONE	QUALIFIED TO WORST CASE ENVIRONMENT
2ACS87A-AQ 2ACS24A-AT 2ACS24B-AT	ELECTRICAL CONN BETWEEN LT-938E TERM BOX JT-887						
2ACS25-BT 2ACS88-BQ	ELECTRICAL CONN BETWEEN JT-886 TERM CAB TP22-1						
2ACS24-AT 2ACS87-AQ	ELECTRICAL CONN BETWEEN JT-887 TERM CAB TP21-1						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 484

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM Auxiliary Building Ventilation

SHEET 1 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
#11 CHARGING PUMP ROOM COOLER	MOTOR ↓	ALUS CHALMERS ↓	AUX. BLDG, 84'-0" ↓	RECIRC. L20 x 10' R. ↓	Per. 106 ↓	SEC XII ↓	
#12 CHARGING PUMP ROOM COOLER							
#13 CHARGING PUMP ROOM COOLER							

Revision 3

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 485

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY BUILDING VENTILATION

SHEET 2 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1B134C-B	POWER CABLE FOR #11 COOLER UNIT MOTOR	POWER CABLE FROM GENERIC GROUPING	AUX. BLDG. 84'-0"	RECIRC L20 x 10' R	PAGES 67 THROUGH 73	NONE	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT
1C134C-C	#12	↓	↓	↓	↓	↓	↓
1A134C-A	#13	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL .

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY BUILDING VENTILATION SHEET 3 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV-808	PILOT VALVE FOR #11 CHARGING PUMP ROOM EXHAUST DAMPERS	SOLENOID VALVES ASCO JX8342A3 (UNIT 2) 206-380-62F (UNIT 1)	AUX. BLDG. 84'-0"	RECIRC. L 2.0x10 ⁶ R	Pg. 107 (UNIT 1) Pg. 107A (UNIT 2)	SEC. XII	
SV-809	#12						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 487

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY BUILDING VENTILATION

SHEET 4 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1B134C2AB-BT	CONTROL WIRE FROM PANEL 229B TO SV-808	CONTROL WIRE FROM GENERIC GROUPING	AUX. BLDG, 84'-0"	RECIRC. 23.3 x 10 ⁶ R	PAGES 67 THROUGH 73	NONE	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT
1C134C2AB-CT	PANEL 229C-SV-809						

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM Auxiliary Building Ventilation

SHEET 5 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV-605 -	PILOT VALVE FOR SERVICE WATER INLET VALVE 15W185 To #11 CHARGING PUMP LUBE OIL COOLER	ASCO TYPE JX8342A3 (UNIT 2) 200-580 GRF (UNIT 1)	AUX. BLDG. 84'-0"	RECIRC. 2.3 x 10 ⁶ R	Pg. 107 (UNIT 1) PG107A (UNIT 2)	SEC XII.	
SV-607 -	15W199 To #12 CHARGING PUMP LUBE OIL COOLER						
SV-606 -	15W191 To #11 CHARGING PUMP ROOM COOLER						
SV-608 -	15W205 To #12 CHARGING PUMP ROOM COOLER			RECIRC. 2.0 x 10 ⁶ R			
SV-610	15W 213 #13 CHARGING PUMP ROOM COOLER						

Revision 4

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 489

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM Auxiliary Building Ventilation

SHEET 6 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1B134C2A-BT	WIRE FOR SV-605, SV-606	POWER CABLE FROM GENERIC GROUPINGS	AUX. BLDG. 84'/100'	RECIRC. $< 3.3 \times 10^{-6}$ R	PAGES 67 THROUGH 73	NONE	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT
1B134C2AB-BT	SV-808	↓	↓	↓	↓	↓	↓
1C134C2A-CT	WIRE FOR SV-607, SV-608,	↓	↓	↓	↓	↓	↓
1C134C2AB-CT	SV-809	↓	↓	↓	↓	↓	↓
1A134C2A-AT	WIRE FOR SV-610	↓	↓	↓	↓	↓	↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 490

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM Auxiliary Building Ventilation

SHEET 7 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TD-7547	CHARGING PUMP Room #11 COOLER CONTROL TEMP. SWITCH	PENN CAT. No. A-19BBC-2	AUX. BLDG, 84'-0"	RECIRC. 2.0x10 ⁶ R	PG. 108	SEC XII	
TD-7554	#12	↓	↓	↓	↓	↓	
TD-7550	#13	↓	↓	↓	↓	↓	
15W88B-BT	WIRE FROM PANEL 229B TO CHARGING PUMP ROOM #11 COOLER CONTROL TEMP. SWITCH (TD-7547)	CONTROL CABLE FROM GENERIC GROUPINGS		RECIRC 2.3x10 ⁶ R	PAGES 67 THROUGH 73	NONE	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT
15W89B-CT	WIRE FROM PANEL 229C TO CHARGING PUMP ROOM #12 COOLER CONTROL TEMP. SWITCH (TD-7554)	↓	↓	↓	↓	↓	↓
1A134C2AA-AT	WIRE FROM PANEL 229A TO CHARGING PUMP ROOM #13 COOLER CONTROL TEMP. SWITCH (TD-7550)	↓	↓	↓	↓	↓	↓

Revision 3

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL.

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

PAGE 491

SYSTEM Auxiliary Building Ventilation

SHEET 8 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 229-A	ENCLOSURE FOR SV-610 AND TD-7557/A13YC2AA-AT	NEMA 12 INSTRUMENT ENCLOSURE PSE #9 DESIGN AND TERMINAL BLOCK BUCHANAN MODEL 2B112N	AUX BLDG EL 84'	L3.3x10 ⁶ R	Pg 62 & Pg 64	NONE	
PANEL 229 B	ENCLOSURE FOR SV-605, SV-606 TD-7547/1SW888-BT						
PANEL 229 C	ENCLOSURE FOR SV-607, SV-608 TD-7557/1SW898-BT						

Revision 3

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 492

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY BUILDING VENTILATION

SHEET 9 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
#11 RHP PUMP RM COOLER UNIT MOTOR #12 RHP PUMP COOLER UNIT MOTOR	MOTOR ↓	ALLIS CHALMERS	AUX. BLDG. EL. 45'-0"	L 6X10' R	Pg. 106 ↓	SEC. XII ↓	
1A134H-A 1B134H-B	POWER CABLE FOR #11 COOLER UNIT MOTOR ↓ #12 ↓	POWER CABLE FROM GENERIC GROUPINGS ↓	↓	↓	PAGES 67 THROUGH 73 ↓	NONE ↓	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT ↓

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 493

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY BUILDING VENTILATION SHEET 10 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
1A13YHZB-AT	CONTROL WIRE FROM PANEL 119 TO SV-783	CABLES FROM GENERIC GROUPING	AUX. BLDG EL. 45'	26x10 ⁶ R	Pgs 67 to 73	NONE	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT
1B13YHZA-BT	CONTROL WIRE FROM PANEL 119 TO SV-784						

Revision 3

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 495

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY BUILDING VENTILATION

SHEET 12 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TD-7555	#11 RNR PUMP ROOM CONTROL TEMP. SWITCH	PENW CAT. NO. A-19 BBC-2	AUX. BLDG, EL. 45'-0"	< 6.0 x 10 ⁶ R	Pg. 108	SEC XII	
TD 7546	#12						
1A13YH2C-AT	CONTROL WIRE FROM PANEL 101 TO TD-7555	CABLE FROM GENERIC GROUPING			PAGES 67 THROUGH 73	NONE	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT
1B13YH2B-BT	CONTROL WIRE FROM PANEL 102 TO TD-7546						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 496

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY BUILDING VENTILATION

SHEET 13 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFICATION	OUTSTANDING ITEMS	REMARKS
PANEL 101	ENCLOSURE FOR SV-596 AND ELECT. CONN. SV-596/1A134HZ-AT TD7555/1A134HZC-AT AND 1A134HZB-AT PLUS TERMINAL BLOCKS	NEMA 12 INSTRUMENT ENCLOSURE P.S.E.#4 DESIGN WITH BUCHANAN MODEL 2B112N	AUX. BLDG, EL. 45'-0"	26.0x10 ⁶ A	Pg 62 Pg 64	NONE	
PANEL 102	ENCLOSURE FOR SV-604 AND ELECT. CONN. SV-604/1B134HZ-BT TD 7546/1B134HZB-BT AND 1B134HZA-BT (UNIT 1) 2B134HZA-BT (UNIT 2) PLUS TERMINAL BLOCKS						

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 497

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM Auxiliary Building Ventilation

SHEET 14 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SAFETY INJECTION PUMP ROOM COOLER	MOTOR	ALLIS CHALMERS	AUX. BLDG. EL. 84'-0"	RECIRC. 2.5x10 ⁶ R	Pa. 106	SEC. XII	
1C134B-C	POWER CABLE FOR COOLER UNIT MOTOR	POWER CABLE FROM GENERIC GROUPINGS	AUX. BLDG EL. 84'/100'-0"	↓	PAGES 62-73	NONE	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT

Revision 3

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 498

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY BUILDING VENTILATION

SHEET 15 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV-810	PILOT VALVE FOR SAFETY INJECTION PUMP ROOM EXHAUST DAMPERS 1ABV25, 1ABV26	SOLENOID VALVES ASCO JX 8342A3 (UNIT 2) 200-380-0RF (UNIT 1)	AUX. BLDG. EL. 84'-0"	RELIEF. 25.0 X 10 ⁶ R	PG. 107 (UNIT 1) PG 107A (UNIT 2)	SEC. XII	
1SW75B-CT	CONTROL WIRE FROM PANEL 202 TO SV-810	CONTROL WIRE FROM GENERIC GROUPINGS	AUX. BLDG. EL. 84'-0"	RELIEF 23.3 X 10 ⁶ R	PAGES 67-73	NONE	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT Revision 4

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM Auxiliary Building Ventilation

SHEET 16 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
SV-598	PILOT VALVE FOR SERVICE WATER INLET VALVE 15W169 TO #11 SI PUMP LUBE OIL COOLER	SOLENOID VALVES ASCO JX8342A3 (UNIT 2) 200-380-GRF (UNIT 1)	AUX. BLDG. EL. 84'-0"	RECIRC. 25.0 x 10 ⁶ R	P2. 107 (UNIT 1) PG107A (UNIT 2)	SEC. XII	
SV-597	15W163 TO #12 SI PUMP LUBE OIL COOLER						
SV-599	15W175 SI PUMP ROOM COOLER						

Revision 4

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY BUILDING VENTILATION

SHEET 17 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFICATION	OUTSTANDING ITEMS	REMARKS
15W74-AT	CONTROL WIRE FOR SV-598 FROM PANEL 202 TO TERMINAL CAB, 1TRA (2TRA)	POWER CABLE FROM GENERIC GROUPINGS	AUX. BLDG, EL. 84'-0"	RECIRC. L 5X10' R	PAGES 67-73	NONE	CABLING QUALIFIED FOR WORST CASE ENVIRONMENT
15W75-CT	CONTROL WIRE FOR SV-810, SV-597, SV-599 FROM PANEL 202 TO TERMINAL CAB, 1TRC (2TRC)						

Revision 3

Revision 3

SALEM GENERATING STATION
 UNITS 1 AND 2
 EQUIPMENT QUALIFICATION -
 ENVIRONMENTAL

PAGE 501

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY BUILDING VENTILATION

SHEET 18 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
TD-7548	SAFETY INJECTION PUMP ROOM COOLER CONTROL TEMP. SWITCH	PENN CAT. NO. A-19BBC-2	AUX. BLDG, EL. 84'-0"	RECIRC. 2.5 x 10 ⁶ R	Pg. 108	SEC. XII	
15W75A-CT	WIRE FROM PANEL 202 TO SAFETY INJECTION PUMP ROOM COOLER CONTROL TEMP. SWITCH (TD-7548)	CONTROL CABLE FROM GENERIC GROUPINGS	↓	↓	PAGES 67-73	NONE	CABLE IS QUALIFIED FOR WORST CASE ENVIRONMENT

Revision 3

MASTER LIST
 ELECTRICAL/CONTROLS EQUIPMENT LOCATED IN AN
 ADVERSE ENVIRONMENT AND SPECIFIED TO FUNCTION
 UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM AUXILIARY BUILDING VENTILATION

SHEET 19 OF 19

IDENTIFICATION	SERVICE	TYPE, MANUFACTURER MODEL	LOCATION	ENVIRONMENT	QUALIFI- CATION	OUTSTANDING ITEMS	REMARKS
PANEL 202	ENCLOSURE FOR TERMINAL BLOCKS ELECT. CONN. 15W75-CT/15W75A-CT 15W75B-CT 15W74-AT/SV-598	NEMA 12 INSTRUMENT ENCLOSURE PSE #6 DESIGN	AUX. BLDG. EL. 84'-0" ↓	RECIRC. 25 X 10 ⁶ R ↓	PAGE 62	NONE ↓	
TB2, TB3	TERMINAL BLOCKS ELECT. CONN.	BUCHANAN 2B112N	↓	↓	PAGE 64	↓	