



**NOTES**

1. 1/2" ETC. SHOWS AT EQUIPMENT CONNECTIONS UNLESS OTHERWISE SPECIFIED.
2. ALL PRESSURE CONNECTIONS TO BE 3/4".
3. ALL TEMPERATURE CONNECTIONS TO BE 1/2" UNLESS OTHERWISE SPECIFIED.
4. ISB INDICATES EQUIPMENT FOR.
5. ISB INDICATES COMPUTER POINT.
6. ISB INDICATES PROCEDURE.

**REFERENCE DRAWINGS**

NUMBER	TITLE
01. 11448-FM-0240	FLOW/VOX DIAGRAM/GENERATOR HEAT EXCHANGER
02. 11448-FM-0241	FLOW/VOX DIAGRAM/GENERATOR HEAT EXCHANGER SYSTEM
03. 11448-FM-0242	FLOW/VOX DIAGRAM/GENERATOR HEAT EXCHANGER SYSTEM
04. 11448-FM-0243	FLOW/VOX DIAGRAM/GENERATOR HEAT EXCHANGER SYSTEM
05. 11448-FM-0244	FLOW/VOX DIAGRAM/GENERATOR HEAT EXCHANGER SYSTEM
06. 11448-FM-0245	FLOW/VOX DIAGRAM/GENERATOR HEAT EXCHANGER SYSTEM
07. 11448-FM-0246	FLOW/VOX DIAGRAM/GENERATOR HEAT EXCHANGER SYSTEM
08. 11448-FM-0247	FLOW/VOX DIAGRAM/GENERATOR HEAT EXCHANGER SYSTEM

**BYPRODUCT DRAWINGS**

1. 11448-FM-068A, SH.1	ISI CLASSIFICATION BOUNDARY DRAWING
2. 11448-FM-068A, SH.2	ISI HYDRAULIC/PNEUMATIC PRESSURE TESTING DRAWING
3. 11448-FM-068A, SH.3	ISI SYSTEM PRESSURE TESTING DRAWING

- BYPRODUCT NOTES**
- (A) PORTIONS OF THE FEEDWATER SYSTEM AND ASSOCIATED PIPING HAVE BEEN CLASSIFIED IS1 CLASS 2 IN ACCORDANCE WITH REGULATORY GUIDE 1.26, ARTICLE C.1.2.
  - (B) THOSE PORTIONS OF PIPING CONNECTED TO THE AUXILIARY STEAM GENERATOR FEED PUMP SECTION OF THE FEEDWATER SYSTEM HAVE BEEN CLASSIFIED IS1 CLASS 3 IN ACCORDANCE WITH REGULATORY GUIDE 1.26, ARTICLE C.1.2.
  - (C) THE TUBE (PUMP-OUT) SIDE OF EACH STEAM GENERATOR IS PART OF THE POPS. SEE 11448-FM-068A, SH.3 FOR UNIT 1 / UNIT 2 BOUNDARY.
  - (D) SEE 11448-FM-068A, SH.3 FOR UNIT 1 / UNIT 2 BOUNDARY.
  - (E) THE "DESIGN BASIS" AND "DESCRIPTION" FOR THE FEEDWATER AND AUXILIARY FEEDWATER SYSTEMS ARE PROVIDED IN USARJ SECTIONS 18.3.3.1 AND 18.3.3.2, RESPECTIVELY.

FOR IS1 CLASSIFICATION BOUNDARY DRAWING LEGEND AND SYMBOLS, SEE 11448-FM-068A, SH.1.

**CAUTION:**  
CONTINUATION DRAWING NUMBER REFER TO PIPING OR EQUIPMENT. THE CORRESPONDING CLASSIFICATION BOUNDARY DRAWING (SH.1 OR SH.2) CAN BE DETERMINED BY SUBSTITUTING ONE OF THE FOLLOWING:

**REVISION DESCRIPTION**

REV.	DATE	DESCRIPTION
1	12-23-01	ISSUED PER REVISION 23 OF 11448-FM-068A
2	12-23-01	ISSUED PER REVISION 22 OF 11448-FM-068A

**VIRGINIA POWER  
NORTH CAROLINA POWER**  
POWER ENGINEERING SERVICES  
RECONSTRUCTION, VIRGINIA  
**ISI CLASSIFICATION BOUNDARY DRAWING  
FEEDWATER SYSTEM  
SURRY POWER STATION UNIT 1  
VIRGINIA POWER**

DRWN	DRWN SUPV	CDR NO.	SIB86A/FM/ST
DRWN	DRWN SUPV	11448-FM-068A	1
CHKD	DISPL ENGR	11448-FM-068A	1
DATE	SCALE	UNLESS OTHERWISE NOTED	SH.1 OF 4



PDR RIDS

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