



NOTES

1. FOR NOTES, SEE SHEET 1 OF THIS DRAWING.

REFERENCE DRAWINGS

NUMBER	TITLE
81	FOR ADDITIONAL REFERENCE DRAWINGS, SEE SHEET 1 OF THIS DRAWING.
82	11448-FM-0718 FLOW/ION DIAGRAM/CALCULATING & SERVICE WATER SYSTEM
83	11448-FM-0720 FLOW & VOLUME DIAGRAM/GENERATING COOLING WATER SYSTEM
84	11448-FM-0848 FLOW/ION DIAGRAM/CALCULATING SPRAY SYSTEM
85	11448-FM-1304 FLOW/ION DIAGRAM/CALCULATING HEATED SYSTEM
86	11448-FM-0714 FLOW/ION DIAGRAM/CALCULATING & SERVICE WATER SYSTEM

BYPRODUCT DRAWINGS

1	11448-CM-0714-S1-3	ISI CLASSIFICATION BOUNDARY DRAWING
2	11448-PP-0714-S1-3	ISI HYDROSTATIC/PNEUMATIC PRESSURE TESTING DRAWING
3	11448-SP-0714-S1-3	ISI SYSTEM PRESSURE TESTING DRAWING

- BYPRODUCT NOTES**
- (A) ISI CLASS 3 SYSTEMS AND/OR PORTIONS OF SYSTEMS THAT PENETRATE REACTOR CONTAINMENT USED, REVIEWED AND APPROVED BY THE NRC AT INDEPENDENT POWER REACTORS AT SURRY ON APRIL 23, 1984 AND AT BELLEVILLE ON SEPTEMBER 24, 1984. THE NRC HAS NOT WRITTEN A SAFETY EVALUATION REPORT TO SUPPORT THEIR REVIEW AND APPROVAL.
 - (B) PORTIONS OF THIS SYSTEM ARE PART OF THE REACTOR CONTAINMENT BOUNDARY AND HAVE BEEN CLASSIFIED ISI CLASS 2 IN ACCORDANCE WITH 10 CFR 50.41(a)(1).
 - (C) ISI BOUNDARY INFORMATION FOR THE SHELL SIDE OF THE RECIRCULATION SPRAY HEAT EXCHANGERS IS PROVIDED ON 11448-CM-0848, SHEETS 1 AND 2.
 - (D) PORTIONS OF THIS SYSTEM HAVE BEEN CLASSIFIED ISI CLASS 3 IN ACCORDANCE WITH REGULATORY GUIDE 1.6, ARTICLE C.2.A.
 - (E) THE DESIGN BASES AND DESCRIPTION FOR THE SERVICE WATER SYSTEM ARE PROVIDED IN USAR SECTIONS 9%1 AND 9%2, RESPECTIVELY.

FOR ISI CLASSIFICATION BOUNDARY DRAWING LEGEND AND SYMBOLS, SEE 11448-CM-145.

CONTRIBUTION DRAWING READERS REFER TO PH OR PB DRAWINGS THE CORRESPONDING CLASSIFICATION BOUNDARY SYMBOLS OR CASE CAN BE DETERMINED BY SUBSTITUTING CM OR CB FOR PH OR PB.

CAUTION: THE BACKGROUND PORTION OF THIS BYPRODUCT DRAWING IS FOR REFERENCE ONLY. THE SPECIFICATION INFORMATION IS NOT CONTROLLED AND MAY NOT REFLECT THE ACTUAL PLANT CONFIGURATION. REFER TO THE CURRENT FLOW/ION OPERATING NUMBERS DIAGRAM FOR CONTROLLED BACKGROUND INFORMATION.

REVISION DESCRIPTION

NO.	DATE	DESCRIPTION
1		

**VIRGINIA POWER
NORTH CAROLINA POWER**
ENGINEERING AND CONSTRUCTION
RICHMOND, VIRGINIA

**ISI CLASSIFICATION BOUNDARY DRAWING
CIRCULATING AND SERVICE WATER SYSTEM
SURRY POWER STATION UNIT 1
VIRGINIA POWER**

REV	DATE	BY	CHKD	APP'D	DESCRIPTION
1					

REV	DATE	BY	CHKD	APP'D	DESCRIPTION
1					

INITIAL ISSUE FOR REVISION 08 OF 11448-FM-0714

DATE: 7-3-88

SCALE: NONE

UNLESS OTHERWISE NOTED

SH 3 OF 3

PDR RIDS

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