



| CS | IB/DI | IS/CI |
|----|-------|-------|
| TR | TR/DI | TR/CI |
| CV | CV-1 | CV-6 |

SYSTEM SYMBOL FIRST NO. LAST NO.
VALVE NUMBERING

HYDROTEST TEMP. 40°F (MIN)

| 4 | 390 | 300 | 600 | 302 | 11% | 750 | 750 |
|---|-----|-----|-----|-----|-----|-----|-----|
| 3 | 20 | 140 | 150 | 140 | 21% | 190 | 22 |
| 2 | 250 | 140 | 800 | 580 | 11% | 315 | 330 |
| 1 | 250 | 140 | 300 | 160 | 11% | 290 | 275 |

DESIGN DATA

1/4" = 1'-0"

- NOTES:-
- THIS DRAWING IS BASED UPON SPEC. 114E073, SHEET 4 OF 5, REVISION 16 ("MAKE DRAWING") BY WESTINGHOUSE ELECTRIC CORPORATION, INCLUDING DESIGN SYSTEMS, PATTERNS, AND IS SOLELY RESPONSIBLE FOR THE ACCURACY AND RELIABILITY OF THE DESIGN INFORMATION SET FORTH IN THE BACK DRAWING.
 - FOR ALPHA REFERENCES, SEE INT. E-302-002, PLAN DRAWING LEGEND.
 - ALL VALVES ALLOWED FOR HUMAN MANUAL (HUMAN).
 - SEE INT. E-302-002.
 - FOR CONVENTIONAL PIPING SPECIFICATIONS, SEE SPECIFICATION 12-270-440-00, PAGE 72 (EXCEPT WHERE SHOWN OTHERWISE TO INDICATE A DIFFERENT SPECIFICATION).
 - STRESS AND COMPONENTS SHOWN AS HAVING BEEN RECALCULATED BY HUMANITY RELATED AS ORDERED BY INT.-4.
 - CHILLER SURGE TANK MUST BE THE HIGH POINT IN THE CHILLER CIRCUIT.
 - INSURE 3-1/2" VALVE TO FAIL WITH FLOW STOPPING DOWNSTREAM.
 - TEMPORARY STRAINER IS PLACED IN SPILL PIPES DURING INITIAL FLUING OPERATIONS. STRAINER MUST BE REMOVED BEFORE PLANT START-UP.
 - DRAIN BAND CONNECTION TO BE PROVIDED NEAR BY FOR CONNECTING USE FOR MAINTENANCE BY GAINITY.
 - PROVIDE 4" OF PIPE BETWEEN DENORMALIZER AND HUMANITY.
 - WPT CONTACTS: VALVE TO LATCH CLOSED. MANUAL RESET TO BE PROVIDED.
 - LETDOWN REHEAT HI SIDE OF BLANKED OFF FLANGES NOT HYDRO TESTED. BLANKING PLATES MAY NOT BE REMOVED.

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PLEX Drawing TR00160-002

F-SAI Figure 9-3-16 SH. 4

SAINT LOUIS ELECTRIC & GAS COMPANY

WESTINGHOUSE NUCLEAR DIVISION

DESIGN ENGINEERING

DESIGNER: JMC

CHECKER: JMC

DATE: 11/11/78

PROJECT: E-302-676