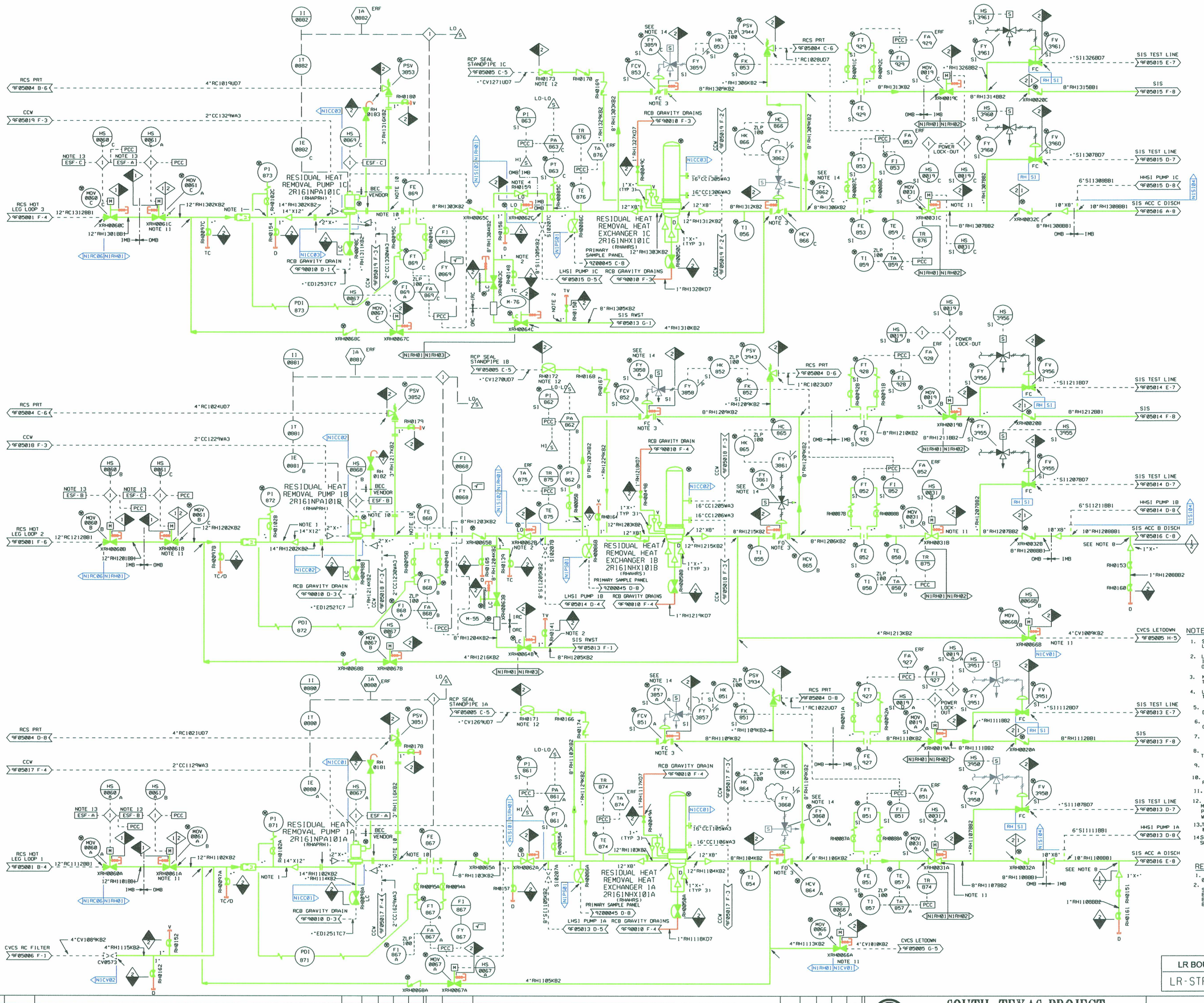

NOTES:

1. SEE Ⓦ NSSS SYS. STANDARD DESIGN CRITERIA 1.12. LAYOUT GUIDELINES.
2. LOCATE TEST CONNECTION AS CLOSE AS POSSIBLE TO ISOLATION VALVE. TEST CONNECTIONS ATTACHED TO BOTTOM OF PIPING TO FACILITATE DRAINING OF LINES.
3. MATING FLANGE FOR VALVE MUST BE 300#. GRADE F316 TO MEET Ⓦ PIPE SPEC. G-678854. REV.2 REQUIREMENTS.
4. LOCATE RH0159 AS CLOSE AS POSSIBLE TO THE RH0148 TEST CONNECTION.
5. ALL INSTRUMENTS ON THIS P & ID HAVE SYSTEM DESIGNATOR RH UNLESS OTHERWISE NOTED.
6. ALL INSTRUMENTS ON THIS P & ID HAVE SEPARATION GROUP DESIGNATOR N UNLESS OTHERWISE NOTED.
7. DELETED.
8. PROVIDE •'• ID FLOW RESTRICTOR FOR TRANSITION FROM SAFETY CLASS 1 TO SAFETY CLASS 2.
9. DELETED.
10. BREAKOUT FLANGES ARE REQUIRED FOR PUMP REMOVAL FOR MAINTENANCE.
11. THIS VALVE IS POWER LOCKED OUT AT THE MCC.
12. STANDPIPE VALVE IS TO BE LOCKED CLOSED IN MODES 5 AND 6. AND IN MODE 4 WHEN THE RCS PRESSURE IS LESS THAN THE STATIC HEAD OF THE WATER COLUMN IN THE STANDPIPE.
13. THE AUTO CLOSURE FEATURE FOR MOV'S 0060A. B. C & 0061A. B. C HAS BEEN DELETED.
14. SOLENOID IS DE-ENERGIZED IN MODES 1.2 AND 3 TO SUPPORT EMERGENCY CORE COOLING.

REFERENCES:

1. FOR PIPING & INSTRUMENT SYMBOLS SEE DRAWINGS 0-F-00001 & 0-F-00002.
2. WESTINGHOUSE DRAWING NO. 1207E17 SHEETS 1.2. & 3.
   BEC NO. 14926-0284(1)00001-WN
   BEC NO. 14926-0284(1)00002-WN
   BEC NO. 14926-0284(1)00003-WN

LR BOUNDARY DRAWING NO.	REV.
LR-STP-RH-5R169F20000*1	0A

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
24		INCORP. DCN 0401277. 0401279 & 0401287	KS				
23	5-26-05	INCORP. DCN 0401278 & 0401286	KS ON FILE				
22	1-6-00	INCORP. DCN 9901832.	VJM ON FILE				
0-21	2-24-83	ISSUED FOR CONSTRUCTION.	SIGNATURES ON FILE				

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE

SOUTH TEXAS PROJECT
NUCLEAR OPERATING COMPANY

PIPING AND INSTRUMENTATION DIAGRAM
RESIDUAL HEAT REMOVAL SYSTEM

PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.	SCALE	DWG. NO.	SHT.	REV.
1	FJA208.241	D070928		NONE	5R169F20000*1		24

ESEED.DGN