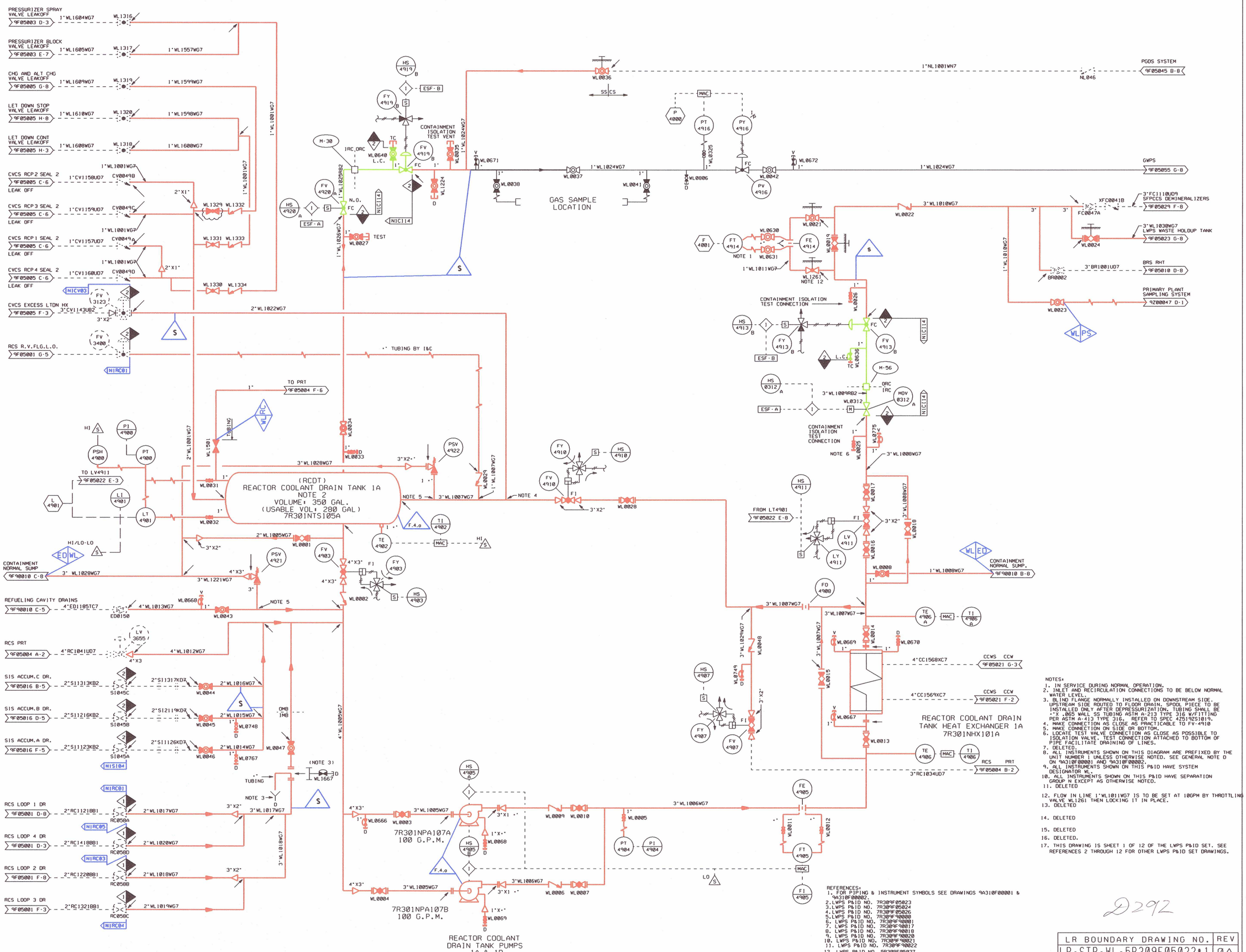

NOTES:
1. IN SERVICE DURING NORMAL OPERATION.
2. INLET AND RECIRCULATION CONNECTIONS TO BE BELOW NORMAL WATER LEVEL.
3. BLIND FLANGE NORMALLY INSTALLED ON DOWNSTREAM SIDE. UPSTREAM SIDE ROUTED TO FLOOR DRAIN. SPOOL PIECE TO BE INSTALLED ONLY AFTER DEPRESSURIZATION. TUBING SHALL BE ••X .065 WALL SS TUBING ASTM A-213 TYPE 316 W/FITTING PER ASTM A-413 TYPE 316. REFER TO SPEC 4Z519ZS1019.
4. MAKE CONNECTION AS CLOSE AS PRACTICABLE TO FV-4910
5. MAKE CONNECTION ON SIDE OR BOTTOM.
6. LOCATE TEST VALVE CONNECTION AS CLOSE AS POSSIBLE TO ISOLATION VALVE. TEST CONNECTION ATTACHED TO BOTTOM OF PIPE FACILITATE DRAINING OF LINES.
7. DELETED.
8. ALL INSTRUMENTS SHOWN ON THIS DIAGRAM ARE PREFIXED BY THE UNIT NUMBER 1 UNLESS OTHERWISE NOTED. SEE GENERAL NOTE D ON 9A310F00001 AND 9A310F00002.
9. ALL INSTRUMENTS SHOWN ON THIS P&ID HAVE SYSTEM DESIGNATOR WL.
10. ALL INSTRUMENTS SHOWN ON THIS P&ID HAVE SEPARATION GROUP N EXCEPT AS OTHERWISE NOTED.
11. DELETED
12. FLOW IN LINE 1"WL101WG7 IS TO BE SET AT 10GPM BY THROTTLING VALVE WL1261 THEN LOCKING IT IN PLACE.
13. DELETED
14. DELETED
15. DELETED
16. DELETED.
17. THIS DRAWING IS SHEET 1 OF 12 OF THE LWPS P&ID SET. SEE REFERENCES 2 THROUGH 12 FOR OTHER LWPS P&ID SET DRAWINGS.

REFERENCES:
1. FOR PIPING & INSTRUMENT SYMBOLS SEE DRAWINGS 9A310F00001 & 9A310F00002.
2. LWPS P&ID NO. 7R309F05023
3. LWPS P&ID NO. 7R309F05024
4. LWPS P&ID NO. 7R309F05026
5. LWPS P&ID NO. 7R309F90000
6. LWPS P&ID NO. 7R309F90001
7. LWPS P&ID NO. 7R309F90017
8. LWPS P&ID NO. 7R309F90018
9. LWPS P&ID NO. 7R309F90020
10. LWPS P&ID NO. 7R309F90021
11. LWPS P&ID NO. 7R309F90022
12. LWPS P&ID NO. 5R309F05027

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LR BOUNDARY DRAWING NO.	REV
LR-STP-WL-5R309F05022*1	0A

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
18		INCORP. DCN 0601036	JSH				
17	7-31-03	INCORP. DCN 0301392.	VJM	ON FILE			
16	10-7-97	EDITORIAL/AS-BUILT CHANGE PER CR* 97-14931 & ENGINEERING WALKDOWN.	KS	ON FILE			
0-15	5-31-96	ISSUED FOR CONSTRUCTION.	SIGNATURES ON FILE				

ESSEO.DGN

SOUTH TEXAS PROJECT
NUCLEAR OPERATING COMPANY

PIPING AND INSTRUMENTATION DIAGRAM
LIQUID WASTE PROCESSING SYSTEM

PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.	SCALE	DWG. NO.	SHT.	REV.
1	FJA195.181	D070928		NONE	5R309F05022*1		18