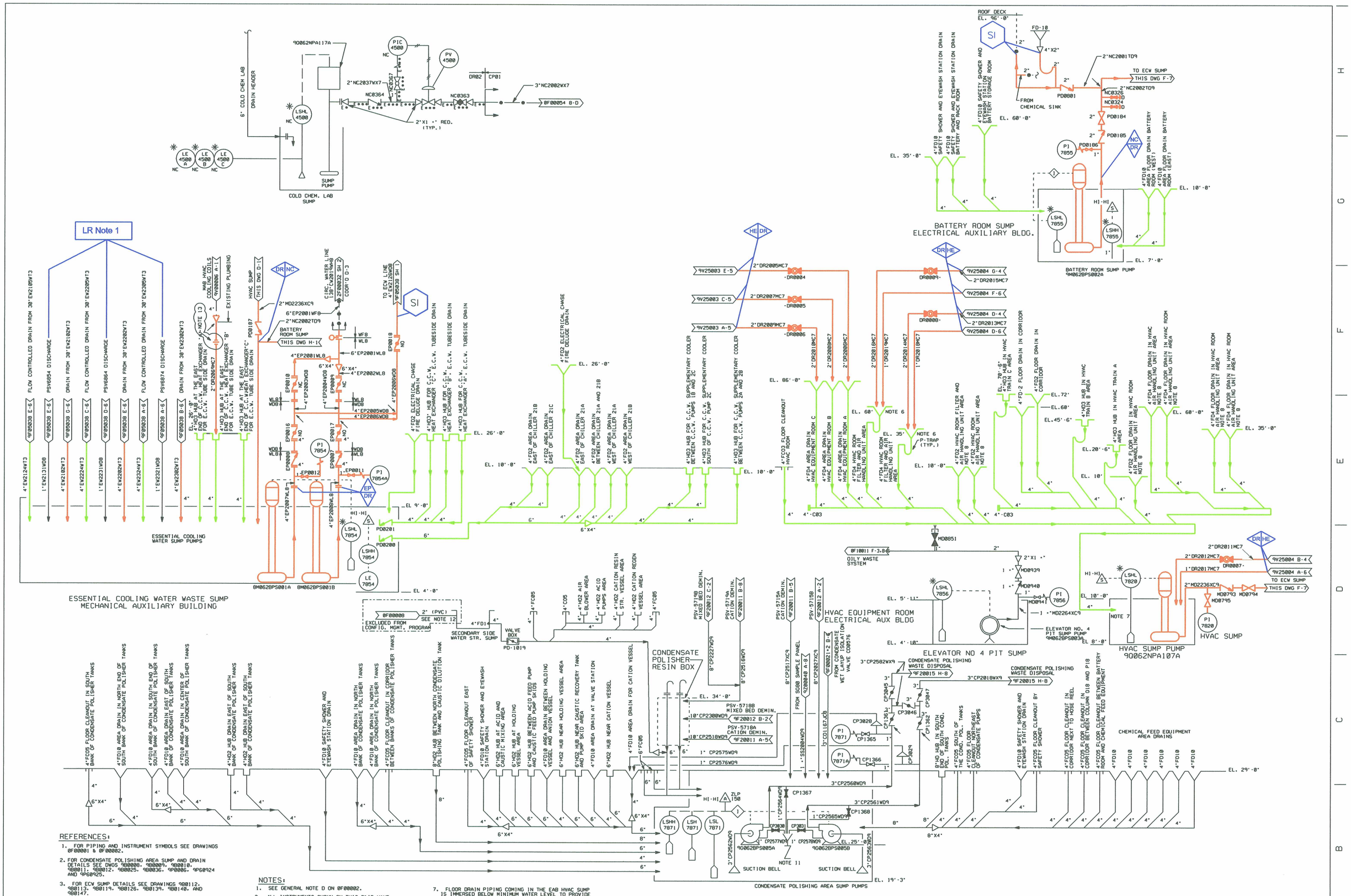

REFERENCES:

1. FOR PIPING AND INSTRUMENT SYMBOLS SEE DRAWINGS 0F00001 & 0F00002.
2. FOR CONDENSATE POLISHING AREA SUMP AND DRAIN DETAILS SEE DWGS 980008, 980009, 980010, 980011, 980012, 980025, 980036, 9P0006, 9P60924 AND 9P60925.
3. FOR ECW SUMP DETAILS SEE DRAWINGS 980112, 980113, 980119, 980126, 980139, 980140, AND 980147.
4. DELETED
5. FOR HVAC EQUIPMENT ROOM DRAINS SEE DRAWINGS 980150, 980152, 980156, 980158, AND 980160, AND 980161.

INTERFACING AND/OR REFERENCE DRAWING NUMBERS LISTED ON THIS DRAWING MAY HAVE BEEN UNITIZED. IN SUCH CASES USE THE UNIT SPECIFIC DRAWING.

NOTES:

1. SEE GENERAL NOTE D ON 0F00002.
2. ALL INSTRUMENTS SHOWN ON THIS P&ID HAVE SYSTEM DESIGNATOR DR.
3. ALL INSTRUMENTS SHOWN ON THIS P&ID HAVE SEPARATION GROUP N.
4. ONE (1) EXTRA CONTACT PER PUMP SYSTEM SHALL BE PROVIDED FOR HIGH-HIGH ALARM SIGNAL.
5. REFER TO DRAWINGS 9A310F00001 & 9A310F00002 FOR IDENTIFICATION NUMBER DETAILS.
6. THE P-TRAPS IN EAB FLOOR DRAINS AT ELEVATION 35' AND 60' ARE SEISMICALLY SUPPORTED. SUCH THAT THEY WILL MAINTAIN THEIR INTEGRITY FOLLOWING SEISMIC EVENT.
7. FLOOR DRAIN PIPING COMING IN THE EAB HVAC SUMP IS IMMERSED BELOW MINIMUM WATER LEVEL TO PROVIDE AIR SEAL FOR CONTROL ROOM HVAC ENVELOPE.
8. FLOOR DRAIN IS PROVIDED WITH REMOVABLE CAP TO PROVIDE AIR SEAL FOR CONTROL ROOM HVAC ENVELOPE
9. CONTROL ROOM HVAC FILTER UNIT DRAIN VALVES ARE LOCATED AT LEAST 1 FT AWAY FROM THE CORRESPONDING CARBON FILTER AND EASILY ACCESSIBLE FROM THE ENTRANCE DOOR. WHEN THESE VALVES ARE OPENED TO DRAIN FIRE PROTECTION WATER FROM CARBON FILTER UNITS, THE WATER WILL BE DISCHARGED FROM THE ECW SUMP ONLY AFTER SAMPLING SINCE IT COULD BE POTENTIALLY CONTAMINATED.
10. DELETED
11. BALL/FLOAT CHECK BACKWATER VALVE, 4" PD-450 AS PER DWG. NO. 9-A-06-9-8-0036 (SEE PLUMBING VALVE LIST, DWG. NO. 9-A-31-9-8-0206).
12. SEE DWG. 7P109C3602J FOR DETAIL.
13. 2" CARBON STEEL THREADED UNION.

LR Note 1:
PSV6854, PSV6864 and PSV6874 have been removed. The associated drain lines are no longer connected to any process lines and have no LR intended function.

2088

LR BOUNDARY DRAWING NO.	REV.
LR-STP-DR-6Q069F20005#2	0A

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
25		INCORP. DCN 0501261.	LNB				
24	6-8-00	INCORP. DCN 0001787.	JSH	ON FILE			
0-23	12-8-82	ISSUED FOR CONSTRUCTION.	SIGNATURES ON FILE				

ESEED.DCN

SOUTH TEXAS PROJECT
NUCLEAR OPERATING COMPANY

PIPING AND INSTRUMENT DIAGRAM
NON-RADIOACTIVE DRAINS
MECH. AND ELEC. AUX. BLDG. AND TURBINE GEN. BLDG.

PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.	SCALE	DWG. NO.	SHT.	REV.
1	FJA710.251	D070928		NONE	6Q069F20005#2	--	25