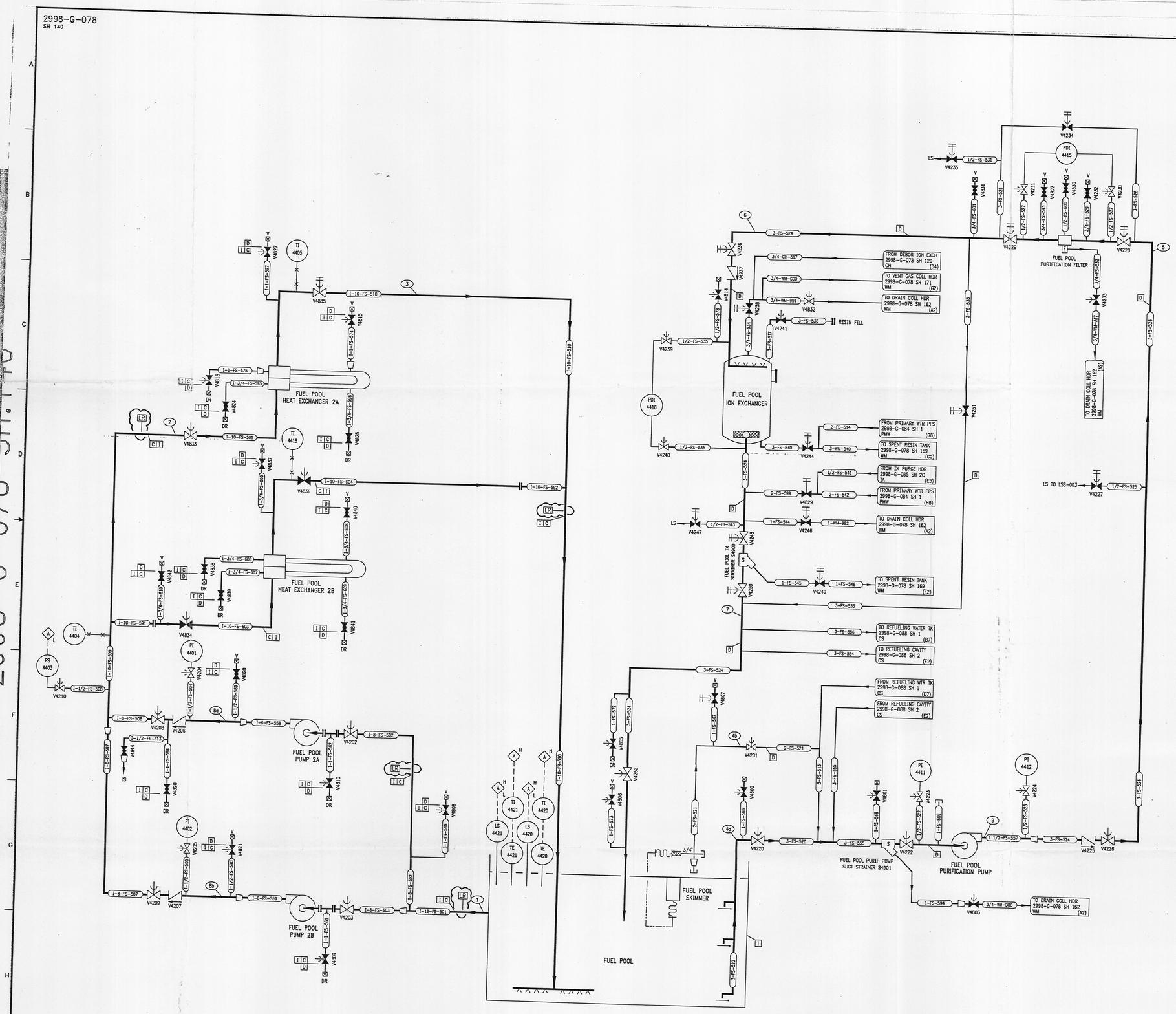
2998-G-078
SH 140

REVISIONS						
NO	DATE	DESCRIPTION	BY	CH	APPROVED	
5	7/24/95	DCR-SLM-94-057: REDRAWN	BB	WUP / HS		JJZ
6	5/15/01	DCR 010021 REV:(D3) CLASS FLAG LOCATION.	GM	GW		SHC
7	7/19/01	DCR 010005 ADD:(G3,F3,D4 & D2) LICENSE RENEWAL FLAGS.	GM	HP		SWC



NOTES

1. THE FUEL POOL PURIFICATION SUCTION LINE (3-FS-520) HAS A 1/4" DIAMETER SYPHON BREAKER HOLE LOCATED 1'-2 1/2" BELOW THE NORMAL POOL WATER LEVEL.
2. THE FUEL POOL COOLING RETURN LINE (1-10-FS-510) HAS A 1/2" DIAMETER SYPHON BREAKER HOLE LOCATED 1'-0" BELOW NORMAL POOL WATER LEVEL.
3. THE FUEL POOL PURIFICATION RETURN LINE (3-FS-524) DOES NOT REQUIRE A SYPHON BREAKER SINCE THE PIPE TERMINATES AT A SUBMERGENCE ELEVATION THAT WOULD PRECLUDE EXCESSIVE DRAINAGE BY SYPHON ACTION.

REFERENCE DRAWINGS

PIPE, VALVE & INSTRUMENT SYMBOLS	2998-G-078 SH 100
VALVE LIST	2998-A-051
LINE LIST	2998-B-052
VALVE OPERATIONAL NUMBER INDEX	2998-B-057A
INSTRUMENT INSTALLATION DETAILS	2998-B-231
INSTRUMENT LIST	2998-B-270C

NOTE:
THIS DRAWING IS MADE FROM REV. 4 OF DRAWING 2998-G-078 SH 140

REVISION OF THIS DRAWING MAY REQUIRE UPDATE OF THE FOLLOWING DOCUMENTS: FSAR FIGURE 9.1-6

NUCLEAR SAFETY RELATED IN PART ONLY

FLORIDA POWER & LIGHT COMPANY
ST LUCIE PLANT
1983 - 890 MWe EXTENSION - UNIT 2

FLOW DIAGRAM
FUEL POOL
SYSTEM

RAYTHEON ENGINEERS & CONSTRUCTORS, INC

SCALE: NONE	APPROVAL	DATE:
DN: MECH		2998-G-078
DR: B BLUM		SHEET 140 / 7
CH: W PELPHREY		

USM00153.DWG

D-01