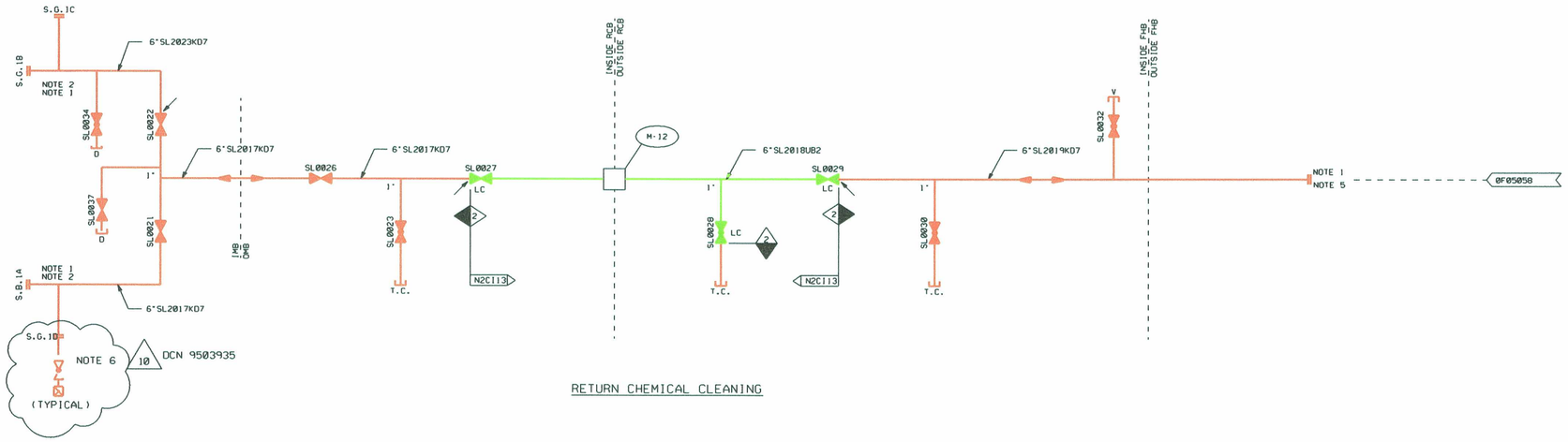
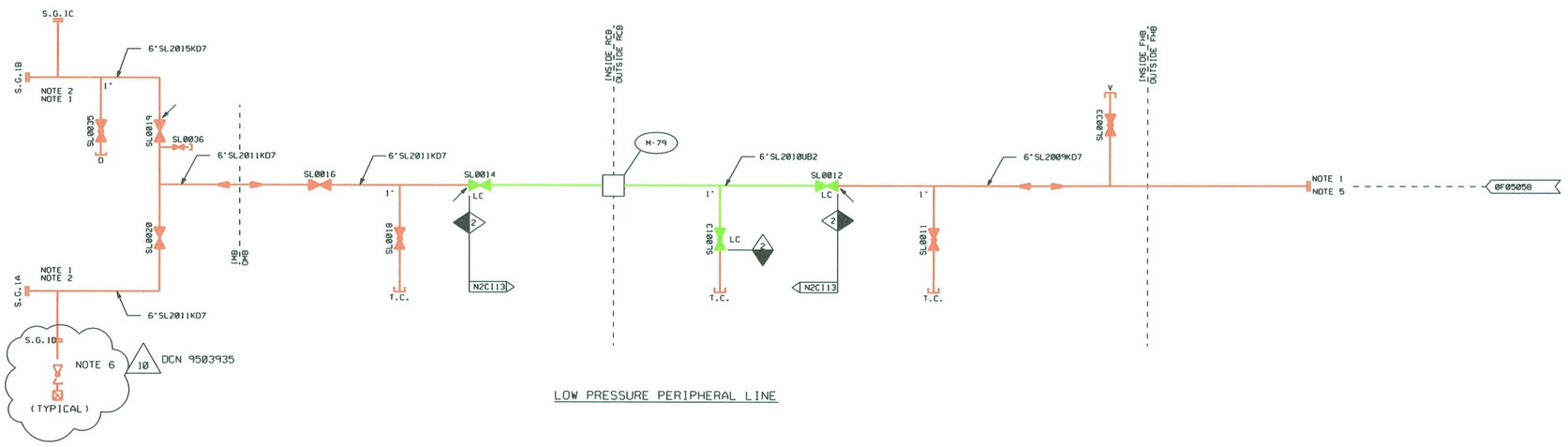
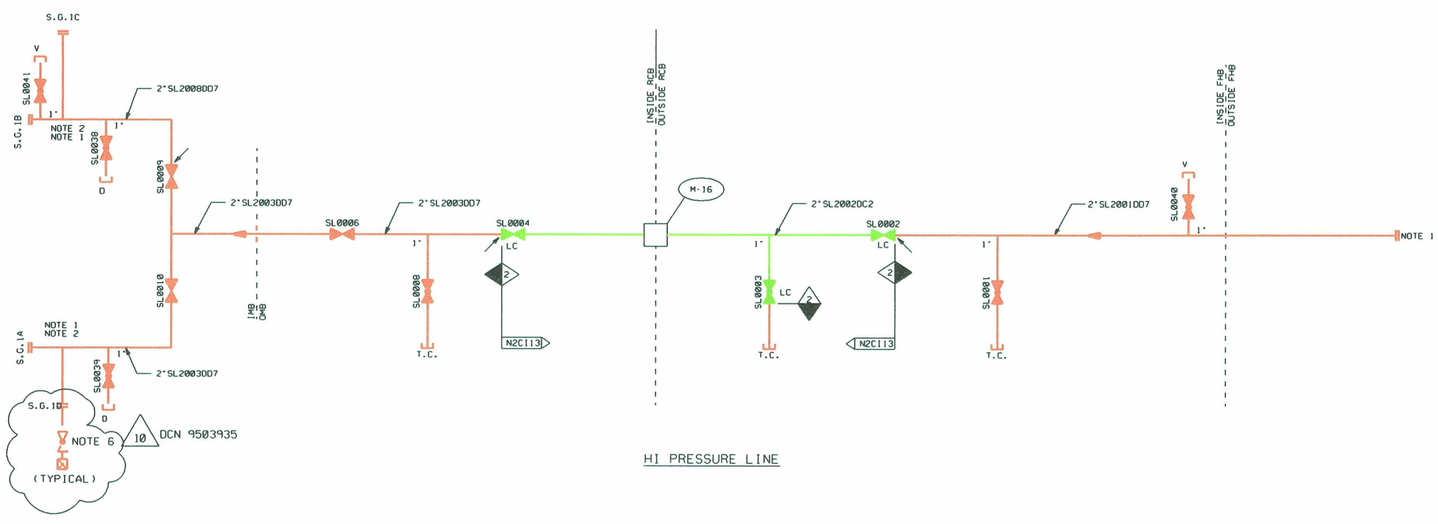


RETURN CHEMICAL CLEANING



LOW PRESSURE PERIPHERAL LINE



HI PRESSURE LINE

NOTES:

1. PIPING AS SHOWN ON THIS P & ID IS A PORTION OF THE TOTAL SYSTEM. THE REMAINDER OF THE SYSTEM WILL BE SUPPLIED BY HL & P AND IS NOT SHOWN HERE.

2. FLANGES SHOULD BE LOCATED NEAR EACH STEAM GENERATOR AT APPROXIMATE ELEVATION 41'-0".

3. LOCAL CLEANOUT AND LOW POINT DRAIN SHOULD BE PROVIDED FOR ALL PIPING SYSTEMS.

4. UNLESS OTHERWISE NOTED, UNIT 1 IS SHOWN ON THIS P & ID. FOR APPLICATION OF THIS P & ID. TO UNIT 2, USE UNIT 2 IDENTIFICATION NUMBER FOR PIPING, VALVES, INSTRUMENTS, EQUIPMENT, ETC. REFER TO DRAWINGS 9A310F00001 AND 9A310F00002 FOR IDENTIFICATION NUMBER DETAILS.

5. THE FLANGES NOTED LOCATED AT THE ENDS OF LINES 6"SL-1009-KD7 AND 6"SL-1019-KD7 ARE TO BE UTILIZED FOR THE PRESSURIZATION OF THE RCB DURING INTEGRATED LEAK RATE TESTING. UPON COMPLETION OF THE TESTING, BLIND FLANGES ARE TO BE REINSTALLED, RESTORING THE SYSTEM TO IT'S ORIGINAL CONFIGURATION.

6. THE TEMPORARY FLANGE AND VALVE ADAPTERS WILL REMAIN STORED "IN-SITU", REPLACING THE NORMAL BLIND FLANGE. THE STORAGE LOCATION MAY BE ON ANY OF THE FOLLOWING PIPING LINE NUMBERS, REPLACING THE BLIND FLANGE:
   6" SL2023KD7
   6" SL2017KD7
   6" SL2015KD7
   6" SL2011KD7
   2" SL2008DD7
   2" SL2003DD7
   10 DCN 9503935
   IN ADDITION, IF THE ADAPTERS EXCEED THE FOLLOWING, CONTACT ENGINEERING:
   1. FOR 6" DIA ADAPTER - 25 LBS IN WEIGHT OR 14" IN LENGTH
   2. FOR 2" DIA ADAPTER - 20 LBS IN WEIGHT OR 14" IN LENGTH

271

LR BOUNDARY DRAWING NO.	REV.
LR-STP-SB-5S209F05057#2	0

NO.	ISSUE DATE	REVISION	BY	CKR	RE	DV	NA	SE	PE
10		INCORP DCN 9503935	JFH						
9	12-03-91	INCORP. MDCN 89114-01	SIGNATURES ON FILE						
8	5-14-87	HL&P ASSUMES DESIGN CHANGE CONTROL & INC. DCN MD-2086	SIGNATURES ON FILE						
0-7	5-20-83	ISSUED FOR CONSTRUCTION	SIGNATURES ON FILE						

EDWG.DCN

HOUSTON LIGHTING & POWER COMPANY
SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION

PIPING AND INSTRUMENTATION DIAGRAM
STEAM GENERATORS SLUDGE LANCING
AND CHEMICAL CLEANING SYSTEM

SCALE	DWG. NO.	REV.
NONE	5S209F05057 #2	10

JFH PRIORITY 1 DC.NO. 0070928 FJA706.101