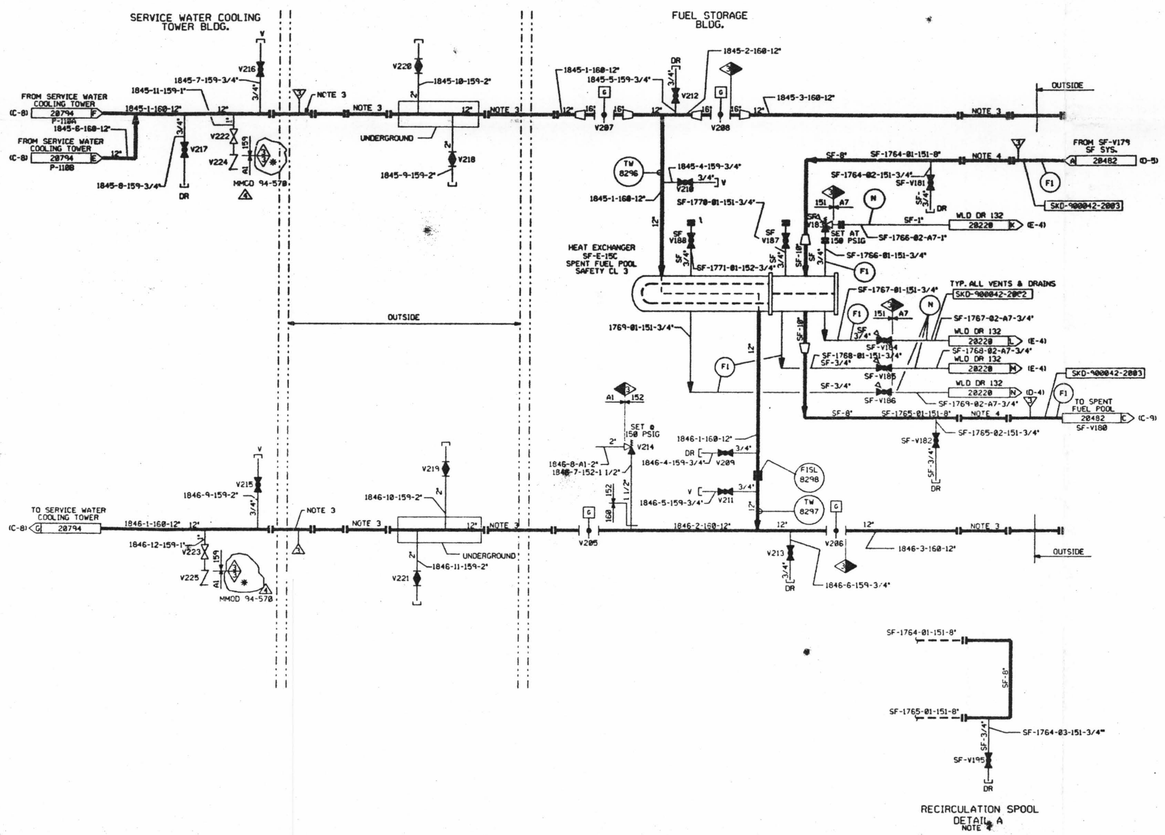
FOR INFORMATION ONLY

PID- 1-SW-D20796



FOR P&ID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS P&ID - LEGEND 1 AND P&ID - LEGEND 2

LEGEND

		DESIGN PRESSURE	TEST PRESSURE	MIN. TEST TEMP° F	TEST MEDIUM
	TEST BOUNDARY				
TB	TEMPORARY TEST BOUNDARY				
FI	INTEGRITY TEST	150 PSIG	187.5/199 PSIG	35	WATER
IS	INITIAL SERVICE TEST		N.O.P.		
SW	STANDING WATER				
N	NO TEST REQUIRED (SEE NOTE B)				

NOTES:

A. VENTS AND DRAINS WITH CAPS/BLIND FLANGES ETC. (ASME CL 2 & 3, NMS) SHALL BE TESTED TO THE LAST ISOLATION VALVE.

B. NO TEST REQUIRED PER CODE CASE N-240 FOR ASME PIPING.

C. WHERE LIMITING COMPONENTS ARE REMOVED AND ARE NO LONGER WITHIN TEST BOUNDARIES THE LINE SHALL BE TESTED IN ACCORDANCE WITH CODE REQUIREMENTS.

NOTES:

1. WORK THIS DRAWING WITH DRAWINGS 20792 THRU 20795.
2. ALL PIPING, VALVES, EQUIPMENT & INSTRUMENTS HAVE SYSTEM PREFIX "SW", AND 1, FOR UNIT-1, UNLESS NOTED OTHERWISE.
3. AT A MINIMUM, UPON COMPLETION OF ASFPC USE, RESTORE SW SYSTEM AS FOLLOWS:
   - REMOVE FABRICATION ENCLOSURE AND REMOVABLE PIPE SPOOL SECTIONS FROM BELOW THE FUEL STORAGE BLDG. (WEST) ROLL-UP DOOR. (REF. SKD 900042-1107)
   - REMOVE 1845 AND 1846-03-160-12" NNS PIPE SPOOLS INSIDE THE FUEL STORAGE BLDG. EAST WALL.
   - INSTALL BLANKS ON BOTH ENDS OF SPOOL SECTIONS WHICH REMAIN AT PENETRATION 31W3 AND 31W4.
   - REMOVE PIPING SPOOLS ON LINES 1845 AND 1846-1-160-12" WHERE THESE LINES EXIT THE GROUND (COOLING TOWER END). REMOVE PIPING SPOOLS WHICH PENETRATE THE COOLING TOWER EAST END LOUVER AND RESTORE LOUVER WITH GRATING PANEL DESCRIBED ON SKD 900042-1103, NOTE 2.
4. UPON COMPLETION OF ASFPC USE, LINES 1784 AND 1765-01-151-8" INSIDE THE FUEL STORAGE BLDG., MAY BE REMOVED AND INSTALL BLANKS ON BOTH ENDS OF SECTIONS WHICH REMAIN OR, IF DESIRED, INSTALL RECIRCULATION SPOOL. SEE DETAIL A (C-4)
5. △ INDICATES REVISION LEVEL
6. SERVICE WATER CLEANLINESS CLASS IS "D".
7. SW SD NO. 24
8. SF CLEANLINESS CLASS IS "B".
9. SF SD NO. 27
10. VALVES ARE QUALIFIED IN ACCORDANCE WITH PROVISIONS OF ASME III DIV.I, SUBSECTION ND-3649 ASME BOILER & PRESSURE VESSEL CODE.
11. VENTS, DRAINS AND TEST CONNECTION CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1-NHY-D20111, UNLESS NOTED OTHERWISE.

PORTIONS OF THIS DRAWING ARE

NUCLEAR SAFETY RELATED

REV	DATE	DSGN	DRWN	CHKD	CDE	SES	DESCRIPTION
4	6/12/95	BCL	—	DWS	[illegible]	[illegible]	INCORP. MMOD 94-578 CA-8
3	12/8/94	BCL	—	MRB	MPV	RRC	RE-INCORP. DCR 90-42, CA33
2	6/4/92	MRB	—	BCL	DWS	RRC	RE-INCORP. DCR 90-42, CA33
1	1/6/92	JM	—	MRB	MPV	RRC	INCORP. DCR 90-42, CA33
0	2/24/90	JM	—	MRB	MPV	MPV	ISSUED FOR OPERATIONS

REF. DRAWING NO.	REV	TITLE
9763-F-900146	7	SERVICE WATER SYS. NUCLEAR MITD
9763-F-900159	5	SERVICE WATER SYS. NUCLEAR MITD
1-NHY-D20794	7	SERVICE WATER SYS. NUCLEAR [illegible]
1-NHY-D20802	4	[illegible] COOLING & CLEAN-UP SYS DET.
[illegible]-805833	18	SW-NUCLEAR, P&ID.
9763-F-805819	20	SW-NUCLEAR, P&ID.

North Atlantic Energy Service Corporation

SEABROOK STATION

SERVICE WATER SYSTEM NUCLEAR DETAIL

PID- 1-SW-D20796

05/30/95

D-73