2998-G-078
SH 163B

REACTOR AUXILIARY BUILDING
REACTOR BUILDING

TO SI TANK 2B2 2998-G-078 SH 132 SI (F7) — 1-WM-842 — V6785
1/4-WM-F39 — 3/8-WM-F38 — V6956Z
TO SI TANK 2A1 2998-G-078 SH 132 SI (B4) — 1-WM-843 — V6784
TO SI TANK 2A2 2998-G-078 SH 132 SI (B7) — 1-WM-844
TO SI TANK 2B1 2998-G-078 SH 132 SI (F4) — 1-WM-841 — V6799
V6783 — 3/4-WM-554 — V6382 — 1-WM-843 — 1-WM-543 — V6338
TO QUENCH TANK 2998-G-078 SH 109 RC (A7) — 3/4-RC-509 — 1-WM-845 — V7310 — V6780
TO QUENCH TANK 2998-G-078 SH 109 RC (A7) — 3/8-RC-524 — 3/8-WM-854 — V06409
TO PCVS V4900 & V4901 2998-G-078 SH 145 FS (A1) — 1-WM-852 — V6374 — V6375
1-WM-852 — V29445 PCV-29-31 V29454 — 1-WM-306 — 1-WM-841 — 1-WM-307
TO REACTOR DRAIN TANK 2998-G-078 SH 160A WM (C3) — 1-WM-846 — V6782
1-WM-846 — V7029 — 1-WM-306 — V7031 — V7028 — V6699 — V6792 — 1-WM-226 — 14
1-WM-E44 — V6540 — 1-WM-308 — 1-WM-851 — V6741 — V7040
2998-G-085 SH 2C (D3) — HS 6741 — OS CLOSES — V7041 — 1-WM-086
(TO PCV-29-27 & -28 2998-G-085 SH 1 (D5))
V29444 PCV-29-30 V29453 — TO ATMOS V7032
REACTOR BUILDING
REACTOR AUXILIARY BUILDING

FROM N2 SUPPLY V29134 2998-G-087 SH 2 N2 (F4) — 1-WM-303 — V06400 — V06401 — 1-WM-849 — 1-WM-303 — 1-WM-305 — V6398 — V7030 — 1-WM-303 — V6399 — 1-WM-306
1/2-WM-304 — V6397 — PI 6662
3/4-WM-617 — V6634 — 1/2-WM-638 — V6772 — 3/4-WM-F13 — PS 6661 — PI 6661
1-WM-836 — 1-WM-F53 — 1-WM-848 — 1-WM-840 — V6786 — V6787 — 1-WM-C76 — V6788 — 3/4-WM-252 — V6515 — V6776 — V6777 — 1-WM-841 — TO SPENT RESIN TANK 2998-G-078 SH 163 WM (C4)
1-WM-839 — V6773 — V6774 — 1-WM-838 — V6775 — 1-CH-869 — TO VOLUME CONTROL TK 2998-G-078 SH 121A CH (C7)
3/4-WM-E38 — V29201 — SR — TO ATMOS SR-29-30
1-WM-847 — V6790 — 1-WM-C12 — V6791 — TO ATMOS V6585
1-WM-858 — 1-WM-337 — TO WST GAS COMPR 2A & 2B 2998-G-078 SH 163A WM (I12)
TO GAS SURGE TANK 2A 2998-G-078 SH 163A WM (D1)
1-WM-671 — 1-WM-C18
3/4-WM-370 — V6632 — 3/4-WM-369 — V6038
1-WM-532 — 1-WM-531 — V6796 — 3/4-WM-217 — 3/4-WM-213 — V6813 — V6793 — V6794
1-WM-C18

TO PASS V5753 2998-G-078 SH 152 SS (D7) — 3/8-WM-E55 — TEST CONNECTION — V7220 — V7219 — 3/8-WM-E54 — V7221 — 3/8-WM-E53 — V7218
TO PASS V5716 2998-G-078 SH 152 SS (D7) — 3/8-SS-653 — V7270 — 3/8-WM-F06
TO PASS PNL N2 HDR 2998-G-078 SH 152 SS (E7) — 1/2-SS-654 — V7273 — 1/2-WM-F05 — V7272 — 1/2-WM-F05 — V7271 — 1/2-WM-F05
TO PASS MISC VLVS 2998-G-078 SH 153 SS (B7) — 1/2-SS-652
TO RAB FIRE PROT 2998-G-087 SH 2 N2 (F5) — 1-N2-62
TO GAS DECAY TANKS 2998-G-078 SH 163A WM (H5) — 1-WM-C76
TO CHRG PUMP 2A 2998-G-078 SH 163 WM (C6) — 1/2-WM-386
TO CHRG PUMP 2B 2998-G-078 SH 165 WM (E4) — 1/2-WM-387
TO CHRG PUMP 2C 2998-G-078 SH 165B WM (H4) — 1/2-WM-388
TO RAB FIRE PROT 2998-G-087 SH 2 N2 (E5) — 1-N2-63 — V29442
TO RAB FIRE PROT 2998-G-087 SH 2 N2 (F5) — 1-N2-64 — V29443
TO PRESS REG V6738 2998-G-078 SH 165B WM (G3) — 1-WM-552
TO BA CONC 2B 2998-G-078 SH 165B WM (E7) — 1-WM-871
TO BA CONC 2A 2998-G-078 SH 165 WM (E7) — 1-WM-868
TO WST CONCENTRATOR 2998-G-078 SH 167B WM (E7) — 1-WM-380
TO FLASH TANK 2998-G-078 SH 160A WM (D4) — 1-WM-C18

NOTE
FOR NOTES AND REFERENCE DRAWINGS SEE 2998-G-078 SH 163A.

FROM N2 SUPPLY V29169 2998-G-087 SH 2 WM (E4) — 1-WM-C06 — 1-WM-C05 — V6758 — V6759 — SO-06-4 — 1-WM-C05 — V6760 — 1-CH-854 — V06402 — TO VOLUME CONTROL TK 2998-G-078 SH 121A CH (C6)
1-WM-C08 — V6761 — 1-WM-D69 — TO ATMOS
1/2-WM-C04 — V6757 — PS 6666 — 3/4-WM-631 — V6066 — SR

NOTE:
THIS DRAWING IS MADE FROM REV. 10
OF DRAWING 2998-G-078 SH 163

REVISION OF THIS DRAWING MAY REQUIRE UPDATE OF THE FOLLOWING DOCUMENT: FSAR FIGURE 11.3-1

NUCLEAR SAFETY RELATED IN PART ONLY

FLORIDA POWER & LIGHT COMPANY
ST LUCIE PLANT
1983 - 880 MWe EXTENSION - UNIT 2
FLOW DIAGRAM
WASTE MANAGEMENT
SYSTEM

RAYTHEON ENGINEERS & CONSTRUCTORS, INC

SCALE: NONE	APPROVAL	DATE:
DW: MECH		2998-G-078
DR: J CIPE		SHEET 19
CH: CUNNINGHAM		1638

2998-G-078 sh.1638_R18.DWG

REVISIONS

NO	DATE	DESCRIPTION	BY	CH	APPROVED
11	7/24/95	DCR-SLM-94-057: REDRAWN	JCG	DWC / HS	JJZ
12	8/21/95	PCM 064-295 DEL (E4) INST. & ALARM	GM	HS	JJZ
13	10/4/96	CRN 96037-6036 ADD: (C3) VALVE MODE LC	MZ	HS	JRH
14	11/26/98	PCM 96155 ADD: (G4) RESTRICTION ORIFICE.	GM	DG	SHC
15	7/15/99	DCR 990019 REV: (D4) VALVE POSITION.	GM	HS	MAM
16	8/6/01	DCR 010029 ADD:(D3,C3 & D4) LICENSE RENEWAL FLAGS.	GM	GW	SHC
17	5/31/02	DCR 020020 DEL:(C2) CONTINUATION.	GM	GW	SHC
18	7/2/07	CRN 04201-15537 DEL:(D4) LEAK OFF LINE.	GM	GW	SHM
19	3/17/15	EC284762 REV:(D6) VALVE POSITION.	GM	JA	AP

D 25