EC-71855R0
ATTACHMENT X33R0 SHT. 1 OF 1

RCDT TEMP °F X 10 | RCDT LEVEL/PRESS INCHES/PSIG X 10 | RC PUMP TOTAL SEAL INLET FLOW | RC PUMP SEAL INLET FLOW A C | RC PUMP SEAL INLET FLOW B D

WD-024-TI1 | WD-23-LI1 WD-22-PI1 | MU-27-FI | MU-7-FI1 MU-7-FI3 | MU-7-FI2 MU-7-FI4

33.00 GAL/INCH
396.00 GAL/FT

MUV-18 — DB — RX MCC 3A2 — MUV-45Z MU SEAL INJ — CLOSE NORM OPEN — A/B FILTER

RC PUMP TOTAL SEAL INLET FLOW — MEAS VAR — POS — SET POINT — AUTO RAISE LOWER HAND — MU-15-FIC

SEE NOTE 1

STM GEN PRESSURE A RG 1.97 B — PSIG — MS-106-PI1 MS-110-PI1 MS-107-PI1 MS-111-PI1

SEE NOTE 1

BLEED SELECTOR SW — DEBOR DEMIN 3A 3B 3A 3B 3C BLEED TANK — LOCAL

EFIC CHAN A MN FW ISO

SG-A MAIN FEED ISOLATION	TEST RESULTS RESET	MANUAL PERMISSIVE	SG-A MAIN FEED ISOLATION
SG-B MAIN FEED ISOLATION	TEST RESULTS RESET	MANUAL PERMISSIVE	SG-B MAIN FEED ISOLATION

EFIC CHAN B MN FW ISO

SG-A MAIN FEED ISOLATION	TEST RESULTS RESET	MANUAL PERMISSIVE	SG-A MAIN FEED ISOLATION
SG-B MAIN FEED ISOLATION	TEST RESULTS RESET	MANUAL PERMISSIVE	SG-B MAIN FEED ISOLATION

FEED SELECTOR SW — BLEED TANK 3A — LOCAL — BLEED TANK 3B — BAST — DEMIN WTR — BLEED TANK 3C

DPDP 5A

EMERGENCY FEEDWATER

EFIC CH A TO EFP-1/EFP-2 START LOGIC

EFW INITIATE	TEST RESULTS RESET	MANUAL PERMISSIVE	EFW INITIATE

EFP-3 — STOP START — PULL TO LOCK — EMERG FEED WTR PP 3

EFP-2 START DPDP-8A — STM ISO TO EFP-2 ASV-204 — AUTO — CLOSE OPEN

DPDP 8D — EFP-1 TO STM GEN A EFV-14 — EFP-1 TO STM GEN B EFV-33

EFV-58 — DPDP 5A — SGA LEVEL

EFV-57 — DPDP 5A — SGB LEVEL

DPDP 8B — STM GEN A TO EFP-2 MSV-55 — STM GEN B TO EFP-2 MSV-56 — STM ISO TO EFP-2 ASV-5

EFIC CHAN B TO EFP-2 START LOGIC

EFW INITIATE	TEST RESULTS RESET	MANUAL PERMISSIVE	EFW INITIATE

DPDP 8C — EFP-2 TO STM GEN A EFV-11 — EFP-2 TO STM GEN B EFV-32

EFV-56 — DPDP 5B — SGA LEVEL

EFV-55 — DPDP 5B — SGB LEVEL

COVER PLATE — EFP-2

EFW FLOW TO STM GEN A RG 1.97 B — GPM — EF-25-FI1 EF-23-FI1 / EF-26-FI1 EF-24-FI1

STM GEN LEVEL LOW RANGE (PCOMP) A RG 1.97 B — INCHES — SP-25-LI1 SP-29-LI1 / SP-26-LI1 SP-30-LI1

STM GEN LEVEL HI RANGE (PCOMP) A RG 1.97 B — PERCENT — SP-17-LI1 SP-21-LI1 / SP-18-LI1 SP-22-LI1

BK — 20

A FAST COOLDOWN SYS MSV-25 — BYP AUTO ACTUATE — EFIC CHAN A LEVEL SELECT — ISCM — NAT CIRC LLL

B FAST COOLDOWN SYS MSV-26 — BYP AUTO ACTUATE — EFIC CHAN B LEVEL SELECT — ISCM — NAT CIRC LLL

New FCS control switches. Replaces FWV-34 and FWV-35 control switches. See 201-141 Sht 8 for FWV-34 and FWV-35 indicators

SH. 3 | SH. 4 | SH. 5 | SH. 6 | SH. 7 | SH. 8

KEY PLAN

NOTE:
1. LABEL IS ORANGE WITH BLACK LETTERS SIGNIFYING RG 1.97 CATEGORY 1 INSTRUMENTS.

NO.	DESCRIPTION	DRAWN
19	REVISED PER EC 72288	TDF

REVISIONS

PROGRESS ENERGY CORPORATION
CRYSTAL RIVER, FLORIDA
CRYSTAL RIVER PLANT
855,000 KW UNIT NO. 3

ELECTRICAL PSA
MAIN CONTROL BOARD
PRIMARY SECONDARY AUXILIARIES ASSEMBLY

READING PERMA | GILBERT COMMONWEALTH, INC. ENGINEERS AND CONSULTANTS | APPROVED FOR CONSTRUCTION BY FLORIDA POWER CORPORATION

DRAFTING: MADE CHECKED APP — ENGINEERING APPROVAL: MFB — NUCLEAR PROJECT MANAGER

SCALE	WORK ORDER	SIZE	DRAWING	REV.	FPC DRAWING NUMBER
3/4	5500	D	D-201-151	20	E-201-151

SH. 8

DATE	ENGR.
CONSTRUCTION	
LIMITED CONSTRUCTION AS NOTED	
PRELIMINARY NOT FOR CONSTRUCTION	
BIDDING PURPOSES ONLY	
RELEASED FOR	

D-7-3

D-03