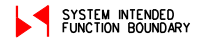


- NOTES:**
1. ALL COMPONENT MARK NUMBERS PREFIXED 03 UNLESS OTHERWISE NOTED.
 2. ALL VALVES PREFIXED CRD UNLESS OTHERWISE NOTED.
 3. ALL VALVES IN HYDRAULIC CONTROL UNITS PREFIXED HCU.
 4. THE 'A' VALVE OPERATES OPPOSITE OF THE 'B' VALVE.
 5. VALVE 3-25A-10A (3-25B-10A) CLOSURE ON DRIVE INSERT SIGNAL. VALVE 3-25A-10B (3-25B-10B) CLOSURE ON DRIVE WITHDRAW SIGNAL, BUT DOES NOT STAY CLOSED DURING SETTLING.

- NON-STANDARD SYMBOLS**
1. TSC - TEMPERATURE SCANNER.

- REFERENCES**
1. FLOW DIAGRAM SYMBOLS FM-14A.
 2. HYDRAULIC CONTROL UNIT P & ID. 730E145 (S & W FILE 16.03-3)
 3. FUNCTIONAL CONTROL DIAGRAM 7293471 (S & W FILE 16.3-5)
 4. NUCLEAR EQUIPMENT DRAIN SYSTEM FM-44A & C.
 5. CRD HYDRAULIC SYSTEM P & IS. 104R9078C (S & W FILE 16.03.20)
 6. CRD HYDRAULIC CONTROL DIAGRAM G. E. DWG. NO. FP-002 SHT. 1 & 3 (S & W FILE 6.2-6B & 7C)

- DPD-40A ----- FM-15A
 DPD-27A ----- FM-26A
 DPD-25A ----- FM-27A
 DPD-3A ----- FM-33A
 FIG. DP-5-1 ----- FM-33D
 FIG. DP-7-2 ----- FM-42B
 DPD-27C ----- FM-47A



COMPONENTS SUBJECT TO AMR

REACTOR COOLANT SYSTEM PRESSURE BOUNDARY AMR-33

QA CAT. I, II/III

NUCLEAR SAFETY RELATED

JAMES A. FITZPATRICK
 NUCLEAR POWER PLANT

CHK'D: _____
 R. E. _____
 VERIF. _____
 APPROV. _____
 DATE _____

SCALE: NONE
 DWG NO: FM-27A
 SHEET 1 OF 1

37

NO.	DATE	DESCRIPTION	BY	CHK	APP
36	7/9/92	AS BUILT PER DCR-02-003	PJD	JB	MM JA
35	8/4/90	AS BUILT PER DCR-00-200	DMC	RYB	MM SKK
34	8/4/90	AS BUILT PER DCR-00-145	PJD	KHB	KM SKK
33	6/5/90	AS BUILT PER DCR-00-119	DMC	RYB	M SKK
37	10/9/04	INCORPORATED MOD NO M1-91-232	PD	KB	ERC

0 10-20-05

NO. DATE DESCRIPTION BY ENG CHK APP

REVISIONS

LRA-FM-27A-0

FILE: LRA-FM-27A_37.DGN
 FM-27A_37.CAL



REF: OPD-25A