



- NOTES:**
1. ALL MANUAL VALVES PREFIXED SLC UNLESS OTHERWISE NOTED.
 2. ALL COMPONENT MARK NUMBERS PREFIXED 11 UNLESS OTHERWISE NOTED.
 3. EXPLOSIVE VALVES ARE DOUBLE SQUIB ACTIVATED SHEAR PLUGS. IN ORDER TO SERVICE THESE VALVES AFTER FIRING, IT IS NECESSARY TO REMOVE A 12" SPOOL PIECE IMMEDIATELY UPSTREAM OF THE RESPECTIVE VALVE.
 4. SYSTEM IS ENERGIZED (SHEAR PLUGS FIRE IN BOTH VALVES AND ONE PUMP STARTS) BY ACTUATION OF REMOTE MANUAL SWITCH IN THE CONTROL ROOM. LOCAL MOUNTED HAND SWITCHES ARE FOR TEST PURPOSES AND ENERGIZES THEIR RESPECTIVE PUMPS ONLY.
 5. ELECTRIC HEATING CABLE TO BE INSTALLED ON PIPING FROM TANK CONNECTION TO PUMP SUCTION.
 6. ALL ILRT CONNECTIONS (C) ARE PIPING CLASS IC-NB BEGINNING AT THE DOWNSTREAM SIDE OF THE REDUCER TO THE 3/8" ILRT CONNECTION.
 7. 11TIC-60 USED FOR INDICATION ONLY.
 8. 11TS-59 AND 11TS-50 SHARE COMMON ANNUNCIATOR.
 9. PIPING IS THREADED STAINLESS STEEL SCH. 80 ASTM A376 TP304 WITH 3000# FITTINGS.
- * MALE 37" JIC (AND PARKER 304-32 FLEXIBLE HOSE (DR EQUAL)).

- REFERENCES:**
1. FLOW DIAGRAM SYMBOLS (FM-14A).
 2. G. E. P & ID 718E834BB (16. 11-21)

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

STANDBY LIQUID CONTROL SYSTEM AMM-01

REACTOR COOLANT SYSTEM PRESSURE BOUNDARY AMM-33

QA CAT I, II/III

James A. Fitzpatrick
NUCLEAR POWER PLANT

FLOW DIAGRAM
STANDBY LIQUID CONTROL
SYSTEM 11

SCALE: DWG NO. **FM-21A** REV. **36**

Enertgy
Nuclear Northeast

REF: 1ST-FM-21A

NO.	DATE	DESCRIPTION	BY	CHK	APP
36	4/26/05	INCORPORATED DRN-04-05376 ER-JF-03-07895	KMB	RVB	RK
35	4/19/05	AS BUILT PER DCR-99-059	DNC	KMB	KF
34	4/19/05	AS BUILT PER DCR-97-307	DNC	KMB	KF

NO.	DATE	DESCRIPTION	BY	CHK	APP
REVISIONS					
LRA-FM-21A-0					
CAD FILE: LRA-FM-21A_36.DGN					
PLOT FILE: FM-21A_36.CAL					