



- NOTES:
1. ALL COMPONENT MARK NUMBERS PREFIXED 46 UNLESS OTHERWISE NOTED
  2. ALL MANUAL VALVES PREFIXED 'SWS' UNLESS OTHERWISE NOTED
  3. EROSION RESISTANT ASTM A312 TP 316 STAINLESS STEEL PIPE SECTION AND 316L STAINLESS STEEL FLANGED REDUCER
  4. ANTI-CAVITATION PLATE (C-10)

- REFERENCES:
1. FLOW DIAGRAM SYMBOLS FM-14A

**SYSTEM INTENDED FUNCTION BOUNDARY**

**COMPONENTS SUBJECT TO AMR**

- SERVICE WATER SYSTEMS AMM-11
- HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS AMM-16

QA CAT I, II/III

NUCLEAR SAFETY RELATED	
<b>JAMES A. FITZPATRICK</b> NUCLEAR POWER PLANT	
FLOW DIAGRAM SERVICE WATER SYSTEM 46	

REV	DATE	DESCRIPTION	BY	CHK	APP
79	9/19/05	INCORPORATED DCR 01-0124 ER-JAF-05-14309	RVB	PD	BDC
78	10/27/04	INCORPORATED DRN-04-06180 ER-JAF-04-36418	PK	BK	EDC
77	9/28/00	AS BUILT PER MOD NE JD-02-012	KMB	JB	GJJ
76	9/28/00	AS BUILT PER DCR-03-012	KMB	JB	KH

**Entergy**  
Nuclear Northeast

SCALE: NONE

DWG. NO: FM-46A

REV: 79

REF: ISI-FM-46A

NO.	DATE	DESCRIPTION	BY	CHK	APP
0	12-21-05				

REVISIONS

**LRA-FM-46A-0**

FILE: LRA-FM-46A\_79.DGN

SHEET 1 OF 1

REF: ISI-FM-46A

DETAIL A  
CALL OUT NUMBERS PREFIXED 47 UNLESS OTHERWISE NOTED