



- NOTES:
1. ALL COMPONENT NUMBERS PREFIXED 66 UNLESS OTHERWISE NOTED.
 2. FOR GENERAL NOTES & REFERENCE DRAWINGS SEE DRAWING NO. FB-10D.
 3. SEE FM-46B FOR UNIT COOLER 66UC-22A TO K DETAILS.
 4. HOSE CONNECTIONS FOR SLC DRAIN TANK (11TK-5) DISCHARGE (FM-21A) VIA 11P-5.
 5. TABLE 1 FOR MANUAL VALVES FOR COOLING COILS 66E-4A & B.
 6. ALL MANUAL VALVES PREFIXED SWS UNLESS OTHERWISE NOTED.
 7. SEE TABLE 1 FOR UNIT COOLER SUPPLY AND RETURN VALVES, VENT AND DRAIN VALVES, AND TEMPERATURE INDICATOR COMPONENT ID NUMBERS.

- REFERENCES:
1. HOW DIAGRAM SERVICE WATER FM-46A.
 2. FLOW DIAGRAM REACTOR BUILDING COOLING WATER FM-15A.
 3. HOW DIAGRAM SYMBOLS FM-14A.

TABLE 1

VALVE DESCRIPTION	66E 4A	66E 4B
LOWER COIL SUPPLY	66SWS-203	66SWS-206
LOWER COIL RETURN	66SWS-209	66SWS-212
LOWER COIL VENT	66SWS-413A	66SWS-413B
MIDDLE COIL SUPPLY	66SWS-204	66SWS-207
MIDDLE COIL RETURN	66SWS-210	66SWS-213
MIDDLE COIL VENT	66SWS-412A	66SWS-412B
UPPER COIL SUPPLY	66SWS-205	66SWS-208
UPPER COIL RETURN	66SWS-211	66SWS-214
UPPER COIL VENT	66SWS-411A	66SWS-411B
COMMON RETURN DRAIN	66SWS-711A	66SWS-711B
	66SWS-714A	66SWS-714B

TABLE 2

VALVE DESCRIPTION	UC-16	UC-17A	UC-17B	UC-18	UC-19A	UC-19B	UC-21A	UC-21B	UC-21C	UC-21D
Y-STRAINER	YS-131A	YS-141A	YS-141B	YS-141C	YS-141D	YS-141E	YS-171A	YS-171B	YS-171C	YS-171D
YS DRAIN VALVE	716-3	717A-3	717B-3	718-3	719A-3	719B-3	721A-3	721B-3	721C-3	721D-3
TCV INLET	131A	141A	141B	151A	161A	161B	171A	171B	171C	171D
TCV OUTLET	136A	146A	146B	156A	166A	166B	176A	176B	176C	176D
TCV BYPASS	132A	142A	142B	152A	162A	162B	172A	172B	172C	172D
LOWER COIL SUPPLY	416-1	417A-1	417B-1	418-1	419A-1	419B-1	421A-1	421B-1	421C-1	421D-1
LOWER COIL RETURN	416-2	417A-2	417B-2	418-2	419A-2	419B-2	421A-2	421B-2	421C-2	421D-2
LOWER COIL VENT	416-3	417A-3	417B-3	418-3	419A-3	419B-3	421A-3	421B-3	421C-3	421D-3
UPPER COIL SUPPLY	416-4	417A-4	417B-4	418-4	419A-4	419B-4	421A-4	421B-4	421C-4	421D-4
UPPER COIL RETURN	416-5	417A-5	417B-5	418-5	419A-5	419B-5	421A-5	421B-5	421C-5	421D-5
UPPER COIL VENT	416-6	417A-6	417B-6	418-6	419A-6	419B-6	421A-6	421B-6	421C-6	421D-6
RETURN ISOL	138A	148A	148B	158A	168A	168B	178A	178B	178C	178D
RETURN VENT	416-7	417A-7	417B-7	418-7	419A-7	419B-7	421A-7	421B-7	421C-7	421D-7
VENT BOTTLE ISOL	916	917A	917B	918	919A	919B	921A	921B	921C	921D
UPPER Y DRAIN	716-1	717A-1	717B-1	718-1	719A-1	719B-1	721A-1	721B-1	721C-1	721D-1
UPPER Y DRAIN	716-2	717A-2	717B-2	718-2	719A-2	719B-2	721A-2	721B-2	721C-2	721D-2
INLET TI	216A1	217A1	217B1	218A1	219A1	219B1	221A1	221B1	221C1	221D1
UPPER RETURN TI	216A2	217A2	217B2	218A2	219A2	219B2	221A2	221B2	221C2	221D2
LOWER RETURN TI	216A3	217A3	217B3	218A3	219A3	219B3	221A3	221B3	221C3	221D3

- SYSTEM INTENDED FUNCTION BOUNDARY
- COMPONENTS SUBJECT TO AMR
- SYSTEMS AMM-11
 - SYSTEMS AMM-16

NUCLEAR SAFETY RELATED

JAMES A. FITZPATRICK
NUCLEAR POWER PLANT

FLOW DIAGRAM
REACTOR BUILDING
SERVICE WATER COOLING
SYSTEM 66

Entergy
Nuclear Northeast

SCALE: NONE

DWG NO. FB-10H

REV. 40

DATE: 10-21-05

NO. DATE DESCRIPTION BY ENG CHK APP

REVISIONS

LRA-FB-10H-0

REF: ISI-FB-10H

40 INCORPORATED DRN-05-01401
ER-JAF-05-18225

REV	DESCRIPTION	DATE	BY	CHK	APP
1	INCORPORATED DRN-05-01401	4/14/05	RVB	KR	FAN
2	INCORPORATED DRN-05-01401	4/14/05	RVB	KR	FAN
3	INCORPORATED DRN-05-01401	4/14/05	RVB	KR	FAN
4	INCORPORATED DRN-05-01401	4/14/05	RVB	KR	FAN
5	INCORPORATED DRN-05-01401	4/14/05	RVB	KR	FAN
6	INCORPORATED DRN-05-01401	4/14/05	RVB	KR	FAN
7	INCORPORATED DRN-05-01401	4/14/05	RVB	KR	FAN
8	INCORPORATED DRN-05-01401	4/14/05	RVB	KR	FAN
9	INCORPORATED DRN-05-01401	4/14/05	RVB	KR	FAN
10	INCORPORATED DRN-05-01401	4/14/05	RVB	KR	FAN