



- NOTES:**
- ALL COMPONENT MARK NUMBERS PREFIXED 14 UNLESS OTHERWISE SPECIFIED.
  - ALL MANUAL VALVES PREFIXED CSP UNLESS OTHERWISE NOTED.
  - ALL IRLT CONNECTIONS (C) ARE PIPING CLASS IC-NB BEGINNING AT THE DOWNSTREAM SIDE OF THE REDUCER TO THE 3/8" IRLT CONNECTION.
  - ALL INSTRUMENTATION POWERED FROM STATION BATTERY VIA VITAL AC SYSTEM.
  - FOR INTERLOCKING REQUIREMENTS, SEE LOGIC DIAGRAM, DWG NO. (25-13).
  - LOGIC DIAGRAM DWG NO. (25-10) BASED ON G.E. FUNCTIONAL CONTROL DIAGRAM NO. 729E402 (MFR. PRINT FILE NO. 16.14-4).
  - CLASS 1504 PIPING MATERIAL ON LINE 10"-W23-1504-5A WAS REPLACED WITH ASME-SA-358 TYPE 316.
  - CLASS 1504 PIPING MATERIAL ON LINE 10"-W23-1504-5B AND NOZZLE SAFE END WAS REPLACED WITH TYPE 347 STAINLESS STEEL MATERIAL.

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

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

- CORE SPRAY SYSTEM AMM-03
- REACTOR COOLANT SYSTEM PRESSURE BOUNDARY AMM-33

QA CAT I  
NUCLEAR SAFETY RELATED

DESIGN BY: JAMES A. FITZPATRICK  
DESIGN CHECKED BY: [Blank]  
DISCIPLINE: ENG  
DISCIPLINE MGR: [Blank]  
PROJECT APPROVAL: [Blank]  
DATE: [Blank]

REV NO	DATE	DESCRIPTION	DWN	CHK	RE	VFY	APP
49	2/11/04	AS BUILT PER DCR-04-003, DRN-04-C2829	PJD	DMC	-	GJT	JA
48	7/78/03	AS BUILT PER DCR-03-122	PJD	JB	-	KM	JME
47	6/2/03	AS BUILT PER MOD NO JD-03-005	DMC	JB	-	KM	JME
46	4/16/03	AS BUILT PER MOD NO JD-03-005	KB	JB	-	KM	MEC
45	10/10/02	AS BUILT PER DCR-02-287	DMC	JB	-	KM	JA

SCALE: NONE  
DWG NO: FM-23A  
REV: 49  
SHEET 1 OF 1  
REF: ISI-FW-23A

NO.	DATE	DESCRIPTION	BY	CHK	APP
0	4-12-06				

LRA-FM-23A-0  
LRA-FM-23A\_49.DGN  
FM-23A\_49.CAL