



- NOTES**
1. ALL COMPONENT MARK NUMBERS PREFIXED 34 UNLESS OTHERWISE NOTED.
 2. ALL MANUAL VALVES PREFIXED FWS UNLESS OTHERWISE NOTED.
 3. USE SCHEDULE 120 PIPE FROM REACTOR FEED PUMP DISCHARGE TO SHUTOFF VALVE DOWNSTREAM OF HP HEATER.
 4. ALL PIPING SHOWN ON THIS DRAWING CONFORMS TO QUALITY CONTROL LEVEL CLASSIFICATIONS QA CAT. I AND QA CAT. II/III AND CLEANING CLASSIFICATIONS A. SEISMIC ANALYSIS IS REQUIRED WHERE NOTED.
 5. ALL VALVES LOCATED WITHIN THE ZINC INJECTION SKID ARE PREFIXED WITH ZI.
 6. VALVES 34FWS-402A & 402B MAY BE VDS-150F PER DI-96-001.
 7. * DENOTES NON-INTRUSIVE TE STRAPPED TO PIPE O.D.
 8. LINES 1 1/2" WFP-902A-37, -38, -39, AND 40 CONNECTING THE ZINC INJECTION SKID ARE SCHEDULE 160 PIPE.

REFERENCES

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

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

REACTOR COOLANT SYSTEM PRESSURE BOUNDARY AMM-33

QA CAT. I, II/III

NUCLEAR SAFETY RELATED

JAMES A. FITZPATRICK
NUCLEAR POWER PLANT

FLOW DIAGRAM
FEEDWATER
SYSTEM 34



SCALE NONE
DWG NO FM-34A
REV 59

59	INCORPORATED	DRN-03-01276, JD-03-069	10/27/04	PD	KB	JC
58	AS BUILT PER	ICR-03-098				
57	AS BUILT PER	MOD. NO. JD-01-204				
56	DATE DESCRIPTION					

NO.	DATE	DESCRIPTION	BY	CHK	APP
58	10/27/04	AS BUILT PER ICR-03-098	KHB	JB	KH
57	10/27/04	AS BUILT PER MOD. NO. JD-01-204	PJB	JB	MM
56			DWN	CHK	BE
			VFY	APP	

0	10-20-05				
NO.	DATE	DESCRIPTION	BY	CHK	APP
		REVISIONS			
LRA-FM-34A-0					
CAD FILE LRA-FM-34A_59.DGN					
FM-34A_59.CAL					

REVISIONS

SHEET 1 OF 1

EC-FM-34A