



- NOTES:
- FOR REFERENCE DRAWINGS SEE SHEET 1
  - EQUIPMENT IDENTIFIED WITH THE FOLLOWING CODE LETTERS REQUIRE CLASS 1E PUMP SOURCE:  
CODE: SA [SA] SB [SB] SAB [SAB]
  - SAMPLE LINES SHALL HAVE A MINIMUM PRACTICABLE LENGTH OF 1" LINE PRIOR TO INSTRUMENTATION.
  - VALVE SYSTEM LEAKOFFS TO BE RUN IN FIELD TO PLUMBING EQUIPMENT DRAIN. LEAKOFFS TO BE 1/2" SCH. 80 SST PIPELINE NO. ZSL/2-176  
\* SUPPLIED BY VENDOR  
\*\* SUPPLIED BY I&C
  - VALVE SSL 8017 INTERNAL PARTS WERE REMOVED BY DCP 3379 TO REDUCE PRESSURE DROP.
  - DELETED
  - VALVE SSL 8002A (D1) & SSL 8002B (D4) ARE GAGED IN THE UPEN POSITION WITH AIR REMOVAL.
  - COUPLING (END BORE) INSTALLED IN LINES ZSL/2-101 (S61) AND ZSL/2-103 (S62). PORTIONS OF UPSTREAM PIPING, INCLUDING VALVES S5010A AND SSL 8001A ARE RETIRED IN PLACE BY ECR435. SEE PIPING ISOMETRICS E302N, S5015 AND E302N, S55-11 FOR ACTIVE BOUNDARY PIPING.

**NUCLEAR SAFETY RELATED IN PART ONLY**  
THIS DWG. ALSO EXISTS AS FSAR FIG. 9.3-7 SH. 2  
VALVE POSITIONS ON DRAWING ARE FOR REFERENCE ONLY, AND MAY BE DIFFERENT THAN SHOWN. ACTUAL POSITIONS & LOCKING REQUIREMENTS ARE CONTROLLED BY OPERATIONS DEPARTMENT PROCEDURES.

DETAIL A VENTS, DRAINS & INSTR. CONN.  
DETAIL B VENTS, DRAINS & INSTR. CONN.

NO.	DATE	REVISION DESCRIPTION	BY	CH	APPROVED	NO.	DATE	REVISION DESCRIPTION	BY	CH	APPROVED
33	10/11/00	INCOMP. DYN'S 99-1392 & 00-1466	JAG	RJC	N/A						
32	12/2/97	INCOMP. DYN M9728293 (B4)	THIS	RJC	N/A						
31	10/13/94	INCOMP. DYN M9481965 (112)	LIB	M.	TH						
30	8/2/94	INCOMP. DYN M9481373(A2-B4) & M9481373(A10)	LIB	M.	WBS						
29	2/12/94	INCOMP. DYN M9482972 (112) (112) (112)	THIS	DOO	TH						
28	10/19/93	INCOMP. DYN M9381987 (A15, 114, 115)	DOO	LIB	JM						
27	12-23-92	INCOMP. ECR435 FEN4185 (E1, E2, E3, E4, E5, E6)	JAG	DO							
26	11/28/92	INCOMP. ECR435 FEN4185 (E1, E2, E3, E4, E5, E6)	JAG	DO							
25	11/28/92	INCOMP. ECR435 FEN4185 (E1, E2, E3, E4, E5, E6)	JAG	DO							

WATERFOOT INS. UNIT NO. 3  
1105 MW S.S. ILLAHLIUN

**ENERGY**

**FLOW DIAGRAM SAMPLING SYSTEM**

SCALE: NONE  
APPROVED: [Signature]  
DATE: 2/5/73

DEPT. MCO  
DR. R. MORAL F.S.  
CH. QUARTARONE

G162  
SH. 2