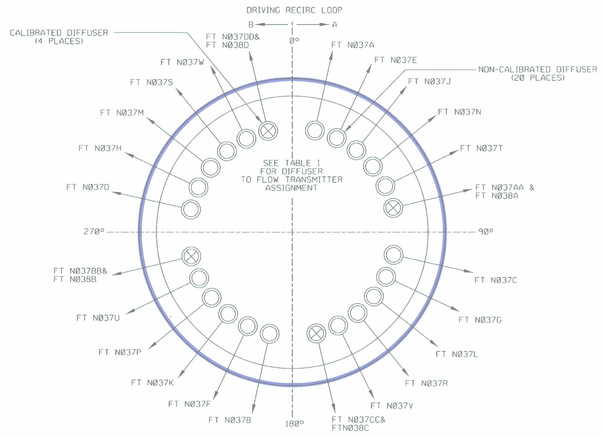

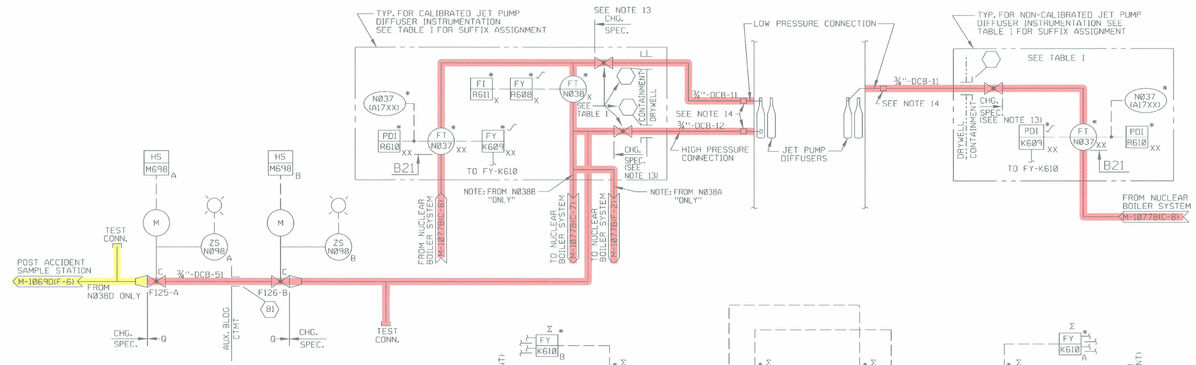

OTHER SYS. THIS P & ID: B21

NOTE:
1. FOR NOTES SEE DRAWING NO. M-1078A.

TABLE I JET PUMP DIFFUSER INSTRUMENTATION SUFFIX LETTER ASSIGNMENT

DIFFUSER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
FI N037	A	E	J	N	T	AA	C	G	L	R	V	CC	B	F	K	P	U	BB	D	H	M	S	W	DD
PDI R610	A	E	J	N	T	AA	C	G	L	R	V	CC	B	F	K	P	U	BB	D	H	M	S	W	DD
FY K609	A	E	J	N	T	AA	C	G	L	R	V	CC	B	F	K	P	U	BB	D	H	M	S	W	DD
FY K610	A				C				E				B				D				F			
COMPUTER INPUT NO.	N037A (A175I)	N037E (A1752)	N037J (A1753)	N037N (A1754)	N037T (A1755)	N37AA (A1756)	N037C (A1757)	N037G (A1758)	N037L (A1759)	N037R (A1760)	N037V (A1761)	N37CC (A1762)	N037B (A1763)	N037F (A1764)	N037K (A1765)	N037P (A1766)	N037U (A1767)	N37BB (A1768)	N037D (A1769)	N037H (A1770)	N037M (A1771)	N037S (A1772)	N037W (A1773)	N37DD (A1774)
FT N038	—	—	—	—	—	A	—	—	—	—	—	C	—	—	—	—	—	B	—	—	—	—	—	D
FY K608	—	—	—	—	—	A	—	—	—	—	—	C	—	—	—	—	—	B	—	—	—	—	—	D
FI R611	—	—	—	—	—	A	—	—	—	—	—	C	—	—	—	—	—	B	—	—	—	—	—	D
PENETRATION NO. W.P. CONN.)	416D	415D	415F	415A	416C	415B	415C	417C	417A	417B	417F	417D	420B	420C	420A	420F	420E	419F	420D	421F	421D	421E	421C	421A
L.P. ROOT VALVES FOR FT N037	FX050	FX051	FX052	FX053	FX054	FX081	FX056	FX057	FX058	FX059	FX060	FX079	FX062	FX063	FX064	FX065	FX066	FX080	FX068	FX069	FX070	FX071	FX072	FX078
PENETRATION NO. HP CONN. FOR FT N038 ONLY	—	—	—	—	—	415E	—	—	—	—	—	417E	—	—	—	—	—	419E	—	—	—	—	—	421B
ROOT VALVE FOR FT N038 — HP CONN.	—	—	—	—	—	FX074	—	—	—	—	—	FX075	—	—	—	—	—	FX076	—	—	—	—	—	FX077
ROOT VALVE FOR FT N038 — L.P. CONN.	—	—	—	—	—	FX081	—	—	—	—	—	FX079	—	—	—	—	—	FX080	—	—	—	—	—	FX078
PENETRATION NO HP CLEAN FOR FT N037	448B												434E											

NO	DATE	REVISIONS	BY	ENG CHK	APP
013	AS-BUILT PER SWO: ADDED UFSAR FIGURE NO.		WC	N/A N/A	SJP 3/30/00
012	AS-BUILT PER DRN 6182		GHF	N/A N/A	WC 11-18-98
011	AS-BUILT PER DCP 93/0001, SWO REMOVED TURN OVER STAMP AND REDRAWN FOR LEGIBILITY		SIGN OFF ON RECORD		
010	ISSUED IN RESPONSE TO DCA-NPE-G-827		SIGN OFF ON RECORD		

GRAND GULF NUCLEAR STATION
UNIT 1
NUCLEAR PLANT ENGINEERING

UPDATED FINAL SAFETY ANALYSIS REPORT
FIGURE NUMBER – 05.4-003

P & I DIAGRAM
REACTOR RECIRCULATION SYSTEM

COMPONENTS SUBJECT TO AMR
- REACTOR PRESSURE VESSEL AMM01
- REACTOR COOLANT SYSTEM PRESSURE BOUNDARY AMM03
- NON-SAFETY RELATED SYSTEMS & COMPONENTS AFFECTING SAFETY RELATED SYSTEMS AMM20

NO	DATE	DESCRIPTION	BY	ENG	CHK	APP
0	10-11-2011	.		.	.	.

REVISIONS
LRA-M-1078B
COG FILE: m1078b.DGN
MASTER FILE:

MPL No. 1B331015M | SCALE: NONE | DRAWING No. M-1078B | REV. Ø13
LDC 98-099 1 DFN: m1078b.dgn

013