



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
FT 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 (A1751)	N037E (A1752)	N037J (A1753)	N037N (A1754)	N037T (A1755)	N37AA (A1756)	N037C (A1758)	N037G (A1759)	N037L (A1760)	N037R (A1761)	N037V (A1762)	N37CC (A1763)	N037B (A1764)	N037F (A1765)	N037K (A1766)	N037U (A1767)	N37BB (A1768)	N037D (A1769)	N037H (A1770)	N037M (A1771)	N037S (A1772)	N037Z (A1773)	N37DD (A1774)	
FT N038					A							C						B					D	
FY K608					A							C						B					D	
FI R611					A							C						B					D	
PENETRATION NO. (L.P. CONN.)	4160	4150	415F	415A	416C	415B	415C	417C	417A	417B	417F	4170	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	FX072	FX078	FX078
PENETRATION NO. (HP CONN. FOR FT N039 ONLY)					415E							417E						419E					421B	
ROOT VALVE HP CONN. FOR FT N038 L.P. CONN.								FX074				FX075						FX076						FX077
PENETRATION NO. HP CLEAN FOR FT N037								FX081				FX079						FX080						FX078

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

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

SCALE: NONE DRAWING No. M-1078B REV. 013

MPL No. 1B331015M LDC 98-099 DFN: m1078b.dgn

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRA-M-1078B						
GDFILE: m1078b.dgn						
DATEFILE:						

2013