



- NOTES:
1. ALL EQUIPMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY QIP01 UNLESS OTHERWISE NOTED.
 2. ALL INSTRUMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY 1P01 UNLESS OTHERWISE NOTED.
 3. DELETED.
 4. DELETED.
 5. ALL TYPING BY DESHTEL WILL TERMINATE AT THE HPCS DIESEL GENERATOR BOUNDARY.
 6. DELETED.
 7. DELETED.
 8. PORTABLE CONTAINER (1 TO 2 GALLON CAPACITY) TO BE UTILIZED TO COLLECT OIL BLOWDOWN FROM ENGINE AIR BOXES.
 9. ALL FITTING DESIGNATED AS ASME SECTION III, CLASS 3 WITH THE EXCEPTION OF THE APPLICABLE PORTIONS OF THE FUEL OIL SYSTEM WILL NOT BE STAMPED IN ACCORDANCE WITH THE CODE.
 10. ALL WELDS ON ALL ASME SECTION III, CLASS 3 FITTING THAT IS GREATER THAN 2" NOMINAL PIPE SIZE SHALL RECEIVE A LIQUID PENETRANT EXAMINATION.
 11. ALL OR SUPPLIED EQUIPMENT ASSOCIATED WITH THE HPCS DIESEL GENERATOR SYSTEM IS DESIGNATED AS E22-5001 BY C.E. ROBERTS. ASSIGNED EQUIPMENT NUMBERS WITH PFI SYSTEM DESIGNATION HAVE BEEN ASSIGNED IN ACCORDANCE WITH THE STANDARD NUMBERING SYSTEM AND ARE SHOWN ON THE PAID FOR EQUIPMENT IDENTIFICATION.
 12. FIELD TO PROCURE PLEXONICS TYPOR FLEXIBLE HOSE SERIES 100.
 13. FIELD TO PROCURE PLEXONICS SERIES 400L STAINLESS STEEL CORRUGATED FLEXIBLE METAL HOSE WITH METAL HEADS 2 INCH NOMINAL DIA.
 14. 3" x 3" OP# 633 TEE COMBINATION ADAPTER & CAP COVER CORP. OP# DIVISION.
 15. THE OUTLET (OR BYPASS PORT) OF RELIEF VALVES QIPB-F103A/B DISCHARGES TO THE ACCESSORY GEAR TRAIN ENCLOSURE WHICH COMMUNICATES WITH THE ENGINE OIL SUMP. QIPB-F103A/B ARE ACCESSIBLE ONLY AFTER REMOVING THE ENCLOSURE'S COVER PLATE.

001	AS-BUILT PER DRN 6784	WE	N/A	N/A	JRS	10-26-09
002	AS-BUILT PER DCP 817/4823.	SIGN-OFF	ON RECORD			
003	AS-BUILT PER DRN 1468 AND DRN 1491. SMO-CORRECTED TYPES.	RW	TRG	CD	RLI	7/3/09

GRAND GULF NUCLEAR STATION
UNIT 1
NUCLEAR PLANT ENGINEERING

UPDATED FINAL SAFETY ANALYSIS REPORT
FIGURE NUMBER - 09.5-013
P & I DIAGRAM
HPCS DIESEL GENERATOR SYSTEM

SCALE:	NONE	DRAWING No.	M-1093A	REV.	009
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- COMPONENTS SUBJECT TO AMR
- HPCS DIESEL GENERATOR SYSTEM AMM18
 - NON-SAFETY RELATED SYSTEMS & COMPONENTS AFFECTING SAFETY RELATED SYSTEMS AMM20

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRA-M-1093A						
CAD FILE: m1093a.dgn						
MASTER FILE:						

DoYo