MPL No. IP75 1015M M-1070 A

FUEL OIL STORAGE TANK BY SELLER

FUEL OIL TRANSFER PUMP

FUEL OIL DAY TANK

FUEL OIL DRIP TANK NIP75A005A

FUEL OIL DRIP RETURN PUMP NIP75C001A-N

DC-FUEL OIL BOOSTER PUMP NIP75C003A-N

LUBE OIL HEATER NIP75B005A-N

LUBE OIL SUMP TANK A007A

LUBE OIL COOLER B006-A

LUBE OIL FULL FLOW FILTER D010A

AUX. LUBE OIL PUMP C007A-A

PRE-LUBE FILTER D010A

STARTING AIR STORAGE TANK A001A

STARTING AIR STORAGE TANK A001B

STARTING AIR DRYER NIP75D012A-N

STARTING AIR AFTERCOOLER NIP75B015A-N

STARTING AIR COMPRESSOR (DIESEL DRIVEN) NIP75C013A-N

STARTING AIR COMPRESSOR NIP75C012A-N

DEHYDRATOR TOWER A008A

DEHYDRATOR TOWER A008B

JACKET WATER STANDPIPE A002A

JACKET WATER HEATER NIP75B002A-N

JACKET WATER HTR. CIRC. PUMP NIP75C002A-N

JACKET WATER COOLER B004A

AUX JACKET WATER PUMP C004-A-A

OTHER SYS. THIS P&ID: P21 & P52

NOTES:

1. ALL EQUIPMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY QIP75, UNLESS OTHERWISE NOTED.
2. ALL INSTRUMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY IP75, UNLESS OTHERWISE NOTED.
3. ALL PIPING 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.
4. ALL ASME SECTION III, CLASS 3 PIPING THAT IS GREATER THAN 2" NOMINAL PIPE SIZE SHALL RECIEVE A LIQUID PENETRANT EXAMINATION.
5. CONSULT THE FOLLOWING DELAVAL PIPING SCHEMATIC DRAWINGS FOR INSULATION OF TUBING: NO. 100685 - STARTING AIR; NO. 100464 LUBE OIL.
6. THE FOLLOWING LINES ARE SCHEDULE 80: 3"-GBD-140, 3"-GBC-2, 3"-GBC-1, 3"-GBC-4.
7. FOR PIPING AND VALVING ARRANGEMENT ASSOCIATED WITH STARTING AIR DRYERS SEE VENDOR DWG. #945-M-0180 - NIP75D012A-1.
8. THE FOLLOWING LINES ARE OF WALL THICKNESS AS INDICATED:

   24"-JBD-408 IS 0.281 W

   42"-JBD-409 IS 0.375 W
9. FIELD TO PURCHASE SUITABLE FLEXIBLE CONNECTION.
10. FIELD TO PURCHASE MODEL NO. 212 BVSW INVERTED BUCKET AIR TRAP MANUFACTURED BY ARMSTRONG MACHINE WORKS
11. FLANGES TO BE INSTALLED WITH SPACER TO BE REPLACED AT TIME OF ENGINE STARTUP WITH ORIFICE TO MAINTAIN CRANKCASE VACUUM AT 0.2 - 0.3 INCHES OF WATER WITH ENGINE OPERATING AT RATED LOAD AND SPEED
12. FIELD TO PROVIDE FLEXIBLE CONNECTION, B.F. GOODRICH #300 RED NEOPRENE.
13. SEE INSTRUMENT INSTALLATION DETAIL DRAWING J-0120P FOR TUBING INSTALLATION REQUIREMENTS.
14. FIELD TO PROCURE FLEDNCS SERIES 400L STAINLESS STEEL CORELIGATED FLEXIBLE METAL HOSE WITH METAL BRAID, 2 INCH NOMINAL DIa.
15. ROOT VALVES AND PIPE NIPPLES, SUPPLIED BY BECHTEL, FOR THE PRESSURE POINTS IN THE JACKET WATER PIPING SHALL BE MAIN LINE CLASS HBC, FABRICATED, DESIGNED, INSTALLED AND INSPECTED IN ACCORDANCE WITH THE ASME CODE, SECTION III, CLASS 3. "N" STAMPING IS NOT REQUIRED. HYDROSTATIC TESTING TO BE IN ACCORDANCE WITH ANSI B31.1.
16. 3"x3" CPW 233 TEX COMBINATION ADAPTER & CAP. DOVER CORP. OPW DIVISION

4	11/78	INCORP. DCN "S" 39466(4), DCN "T" 39 SUPERSEDES DCN "R" 19 WHICH SUPERSEDED DCN "S" 7	AHE	MJS	FL	RC		B
3	10/78	INCORP. DCN "R" 35 SUPERSEDES DCN "P" 15 SUPERSEDES DCN "O" 39 & DCN "Q" 33 (SEE DCN "S" 7)	JAL	MJS	FL	RC		M
2	7/78	INCORP. DCN "P" 28 THRU 31	AHE	MJS	FL	RC		M
1	5/78	ISSUED FOR CONSTRUCTION	CHR	VA				M
NO.	DATE	REVISIONS	BY	CHK'D	ENGR	SUPV	APPD	

SCALE NONE DATE 5-8-75 DESIGNED RJW DRAWN EMR CHK'D APP'D

BECHTEL
GAITHERSBURG, MARYLAND

MISSISSIPPI POWER & LIGHT COMPANY
GRAND GULF NUCLEAR STATION
UNITS 1 & 2

P & I DIAGRAM
STANDBY DIESEL GENERATOR
SYSTEM UNIT 1

JOB No.	DRAWING No.	REV.
9645-	M-1070A	13

34x44 "E" SIZE

MPL No. IP75 1015M

TERA APERTURE CARD

I certify that the image contained on this frame was made in the normal and regular course of business, on the date stated below and that it is an accurate reproduction of the document(s) submitted to Micrographics
DATE 11-8-81 OPERATOR [illegible] SUPERVISOR [illegible]

30X

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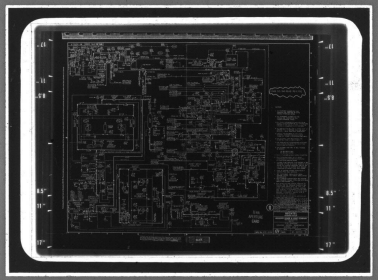

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