



- NOTES**
- ALL EQUIPMENT & INSTRUMENT NUMBERS ARE TO BE PRECEDED BY MPL P33 UNLESS OTHERWISE NOTED. EXAMPLE: P33-P001A.
  - FOR INTERNAL DETAILS OF VENDOR-SUPPLIED PANELS P33-P001A & B SEE REFERENCE 1.
  - FOR INTERNAL DETAILS OF VENDOR-SUPPLIED PANELS P33-P001A & B SEE REFERENCE 6.
  - ROUTING OF THESE GAS SAMPLE LINES IS AS SHOWN ON REFERENCES 2, 3, 4, & 5.
  - (DELETED)
  - ++E++ DENOTES THAT THE PIPE OR TUBING IS ELECTRICALLY HEAT TRACED.
  - DIGITAL SIGNALS "ANALYZER IN HIGH OR LOW RANGE", "DRY CONTACT INPUT TO RECORDER, RECORDER TO SUPPLY 0-100 mV SOURCE."
  - THIS LINE HEAT TRACED AND INSULATED WITH "1" OF FIBERGLASS INSULATION TO MAINTAIN A TEMP. OF 110 F.
- REFERENCES**
- | REFERENCE | ANALYZER SYSTEM   | MPL NO.    | S.S. NO. |
|-----------|---|------------|----------|
| 1.        | H <sub>2</sub> O <sub>2</sub> ANALYZER SYSTEM PAID FOR PANEL NOS. P33-P001A & B           | P33-1010   | H-16280  |
| 2.        | SAMPLE LINE ROUTINGS REACTOR BLDG. BELOW EL. 130'-0"                                      |            | H-16553  |
| 3.        | SAMPLE LINE ROUTINGS REACTOR BLDG. EL. 130'-0"  |            | H-16554  |
| 4.        | SAMPLE LINE ROUTINGS REACTOR BLDG. EL. 150'-0" & RADWASTE BLDG. EL. 164'-0"               |            | H-16556  |
| 5.        | SAMPLE LINE ROUTINGS REACTOR BLDG. EL. 165'-0"  |            | H-16557  |
| 6.        | DELPH INDUSTRIES REMOTE CONTROL PANEL LAYOUT DRAWING                                      | P33-P001AB | SK-19180 |
| 7.        | ARRANGEMENT & EQUIPMENT FOR LOCAL PANELS P33-P003AB & MAIN CONTROL ROOM PANELS P33-P003AB |            | H-16166  |
| 8.        | PRIMARY CONTAINMENT PURGE & INERTING SYSTEM   | T48-1020   | H-16024  |
| 9.        | K-I-V PANEL LAYOUT  | P33-P001AB | SK-19181 |
| 10.       | ANNUNCIATOR SIGNALS TO TSC I.E.D.   | X75-1010   | H-16402  |
| 11.       | CLASS IE DIVISION 1 ANALOG SIGNAL CONVERSION/ISOLATION SYSTEM I.E.D.                      | X75-1010   | H-16395  |
| 12.       | CLASS IE DIVISION 2 ANALOG SIGNAL CONVERSION/ISOLATION SYSTEM I.E.D.                      | X75-1010   | H-16396  |
| 13.       | DIGITAL INPUT SIGNALS TO THE ERFCOMPUTER SYSTEM SHT. 7 OF 15                              | X75-1010   | H-16409  |
| 14.       | DIGITAL INPUT SIGNALS TO THE ERFCOMPUTER SYSTEM SHT. 15 OF 15                             | X75-1010   | H-16417  |
| 15.       | FISSON PRODUCTS MONITORING SYSTEM P & ID SHIT. 1  |            | H-16173  |

**BOUNDARY DIAGRAM NO.: P33-B01-01**  
**FUNCTION(S) NO.: P33-01**  
**PREPARED BY: Alex Morrison**  
**DATE: 3/9/98**  
**REVIEWED BY: Ed Davidson**  
**DATE: 5/27/98**

**LICENSE RENEWAL DOCUMENT**

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|---|----------|----------|
| MPL NO. P33-1010  | ACAD14   | HL16276  |
| <b>SOUTHERN COMPANY</b>   |          |          |
| <b>LICENSE RENEWAL SCREENING FOR INFORMATION ONLY</b>   |          |          |
| EDWIN I. HATCH NUCLEAR PLANT UNIT No.1<br>PRIMARY CONTAINMENT ATMOSPHERE<br>H & O ANALYZER SYSTEM PAID SH.1 |          |          |
| ISSUE   | REVISION | LOCATION |
| TRM   | ED       | None     |
| 10-502  | HL-16276 | A        |

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