



- NOTES:**
1. ALL EQUIPMENT AND INSTRUMENT NUMBERS ARE TO BE PRECEDED BY MPL 2P33 UNLESS OTHERWISE NOTED. EXAMPLE: PS N024A.
  2. FOR LOCATION AND IDENTIFICATION OF INSTRUMENTS—SEE INSTRUMENT INDEX.
  3. ----- DENOTES THE BOUNDARIES OF A HOT BOX THAT CONTAINS H<sub>2</sub> & O<sub>2</sub> ANALYZER ELEMENTS, THE HOT BOX IS MAINTAINED AT 275°F.
  4. ALL EQUIPMENT SHOWN ON THIS P&ID WAS SUPPLIED BY THE MANUFACTURER OF THE ANALYZER PANEL EXCEPT THAT EQUIPMENT DESIGNATED BY \*.
  5. PANELS 2P33-P001A AND B ARE IDENTICAL IN DESIGN AND CONSTRUCTION TO PROVIDE REDUNDANT SAMPLING CHANNELS.
  6. REAGENT GAS TANKS REMOVED BY FIELD.

- REFERENCES:**
- | REFERENCE  | MPL NO.   | SS NO.  |
|--|-----------|---------|
| 1. PRIMARY CONTAINMENT ATMOSPHERE H <sub>2</sub> & O <sub>2</sub> ANALYZER SYSTEM P&ID SHEET NO. 1 | 2P33-1010 | H-26048 |
| 2. K-IV PANEL LAYOUT 2P33-P001A & B  | S-41885   |         |
| 3. PIPING AND INSTRUMENT SYMBOLS   | A41-1010  | S-15051 |
| 4. CONTROL BOARD ARRANGEMENT OF PANEL 2H11-P700  | H11-P700  | H-26386 |

**BOUNDARY DIAGRAM NO.: 2P33-B01-03**  
**FUNCTION(S) NO.: 2P33-01**  
 PREPARED BY: Alex Morrison  
 DATE: 03/09/98  
 REVIEWED BY: Ed Davidson  
 DATE: 05/27/98

**LICENSE RENEWAL DOCUMENT**

MPL. NO. 2P33-1010 ACAD14 HL26049

**SOUTHERN COMPANY**

**LICENSE RENEWAL SCREENING FOR INFORMATION ONLY**

EDWIN I. HATCH NUCLEAR PLANT UNIT No.2  
 PRIMARY CONTAINMENT ATMOSPHERE  
 H<sub>2</sub> & O<sub>2</sub> ANALYZER SYSTEM P&ID  
 FOR PANEL NOS. 2P33-P001A, B SHT. NO. 2

DESIGNED	SCALE	LOCATION	DOCUMENT NUMBER	REVISION
BKN	LCF	10-502	HL-26049	A

Revision: A Date: 1-5-2000  
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