



REVISIONS				
NO.	DATE	DESCRIPTION	BY	APPROVED
18	7-24-97	REWORK	GM	REDAWN
17				
16				
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- NOTES
1. THE INLET SAMPLE LINES FROM THE CONTAINMENT PENETRATIONS TO THE HYDROGEN ANALYZERS SHALL BE INSULATED.
  2. THE REAGENT GAS BOTTLES WILL BE CONNECTED IN THE EVENT OF AN ACCIDENT OR WHEN THE HYDROGEN ANALYZERS ARE BEING CALIBRATED. IN THE EVENT OF AN ACCIDENT, THE REAGENT GAS BOTTLES MUST BE CONNECTED WITHIN 24 HOURS AFTER THE START OF THE ACCIDENT. THE PRESSURE CONTROL VALVES SHOWN DOWN STREAM OF THE REAGENT GAS BOTTLES ARE REGULATORS ON THE REAGENT GAS BOTTLES.
  3. THE SPAN GAS BOTTLE WILL BE CONNECTED WHEN THE HYDROGEN ANALYZERS ARE BEING CALIBRATED. THE PRESSURE CONTROL VALVE SHOWN DOWN STREAM OF THE SPAN BOTTLE IS A REGULATOR ON THE SPAN GAS BOTTLE.
  4. EQUIPMENT BY FPL SUPPLIER TO BE LOCATED OUTSIDE RAB.
  5. THIS DRAWING INCLUDES:  
 A. HYDROGEN SAMPLING SYSTEM  
 B. CONTAINMENT AIR RADIATION MONITORING SYSTEM  
 C. GAS ANALYZER SYSTEM

REFERENCE DRAWINGS

PIPE, VALVE & INSTRUMENT SYMBOLS	4998-G-078 SH 100
INSTRUMENT LIST	2998-B-270C
VALVE LIST	2998-B-051
LINE LIST	2998-B-052
VALVE OPERATIONAL NUMBER INDEX	2998-B-057A
INSTRUMENT INSTALLATION DETAILS	2998-B-111
REMOTE CNTL. & READOUT CUB SA & SB	2998-1144A, -1144B
H2 SAMPLING & ANAL. CUB SA & SB	2998-1144A, -1144B

NOTE:  
 THIS DRAWING IS MADE FROM REV. 17  
 OF DRAWING 2998-G-092 SH 1

- REVISION OF THIS DRAWING MAY REQUIRE UPDATE OF THE FOLLOWING DOCUMENTS:
1. FSR FIGURE 5.2-62
  2. FSR FIGURE 12.3-14

**NUCLEAR SAFETY RELATED  
 IN PART ONLY**

FLORIDA POWER & LIGHT COMPANY  
 ST. LUCIE PLANT  
 1983 - 890 MWe EXTENSION - UNIT 2  
 FLOW DIAGRAM  
 MISCELLANEOUS SAMPLING  
 SYSTEMS

RAYTHEON ENGINEERS & CONSTRUCTORS, INC.		
SCALE: NONE	APPROVAL	DATE:
DR: B. BLUM		2998-G-092
CR: GUNNINGHAM		SHEET 1

**INFORMATION  
 ONLY**  
 VERIFY WITH A CONTROLLED  
 COPY BEFORE USE.

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