



REVISIONS

1	INITIAL ISSUE RELEASED FOR REVIEW	PR	03-08-93
2	DELETE (EC) NOX ANALYZER	PR	04-13-93
3	REVISE INTRORACKS, ADD (SK) CO/CO ANALYZER.	PR	05-18-93
4	REVISED PER UEAC 5-3-93 COMMENTS	PR	06-18-93

- NOTES:
- FURNISHED BY OGDEN; INSTALLED BY (UE&C). ALL EQUIPMENT WITHIN AN ELECTRICAL ENCLOSURE IS PREWIRED AND PREASSEMBLED.
  - ALL INTERCONNECTING WIRING AND CABLES (INCLUDING COAX CABLES W/BNC CONNECTORS) SUPPLIED AND INSTALLED BY (UE&C), UNLESS OTHERWISE NOTED.
  - CABLE TRAYS AND SUPPORTS ARE SUPPLIED AND INSTALLED BY (UE&C).
  - INSTRUMENT NUMBERS ARE ASSOCIATED WITH THE BOILERS AS FOLLOWS:  
SUFFIX "A" = BOILER - 101  
SUFFIX "B" = BOILER - 201
  - FURNISHED AND INSTALLED BY (UE&C).
  - FURNISHED AND INSTALLED BY APC VENDOR.
  - FURNISHED AND INSTALLED BY TELEPHONE COMPANY.
  - MAIN CEM SHELTER DIMENSIONS INCLUDING AIR CONDITIONERS, AND CALIBRATION ENCLOSURE: 25'-4" L x 10'-0" W x 8'-0" H.
  - (UE&C) TO INCLUDE PER CABLE SIGNAL GROUP A MINIMUM 10% "SPARE" CONDUCTORS.
  - FURNISHED BY OGDEN; INSTALLED BY (UE&C). IN ADDITION, ALL EQUIPMENT WITHIN AN ELECTRICAL ENCLOSURE IS PREWIRED AND PREASSEMBLED.
  - DATA SURGE PROTECTOR AND NEMA-4X ENCLOSURE SUPPLIED BY OGDEN, INSTALLED BY (UE&C).
  - POWER SURGE PROTECTOR AND NEMA-4X ENCLOSURE SUPPLIED BY OGDEN, INSTALLED BY (UE&C).
  - 20A-SM-TCH AND ENCLOSURE PROVIDED AND INSTALLED BY (UE&C).
  - REFERENCE UE&C DRAWING NO. 7102-E-221013 P&ID-FLUE GAS.
  - ⊙ = SIGNAL CORRECTED TO 7% O2

PROGRAM NOTES:  
 1. CEM SYSTEM WILL HOLD (MAINTAIN) CONTACT CLOSURE DURING CALIB. SEQUENCE.  
 2. CEM SYSTEM WILL HOLD (MAINTAIN) ANALOG SIGNALS TO DCS DURING CALIB. SEQUENCE.  
 3. CEM SYSTEM WILL HOLD (MAINTAIN) SO2 ANALOG CONTROL SIGNALS TO APC DURING CALIB. SEQUENCE.

REF. DWG LE-1033-20 SH.2    REF. DWG LE-1033-20 SH.1    REF. DWG LE-1033-20 SH.2    REF. DWG LE-1033-20 SH.1

OGDEN MARTIN SYSTEMS OF LEE, INC.  
**CEM FUNCTIONAL BLOCK DIAGRAM**

**OGDEN PROJECTS, INC.**

DATE DESIGNED	DATE	SCALE
02/23/93	02/23/93	LEE
PROJECT NO.	PROJECT NO.	SCALE
LE-1033-00	LE-1033-00	1

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