



CS-MB (CP-002) 2S138

CONTACTS (HANDLE-END)	POSITION			TRIP	PULL TO-LOCK	USE
	CLOSE	NORM	AFTER TRIP			
1-2	X					CONT
3-4	X					CONT
5-6	X	X		X	X	ALARM
7-8	X	X		X	X	ALARM
9-10	X	X		X	X	ALARM

SPRING RETURN TO NORMAL  
X-DENOTES CONTACT CLOSED  
GE-SBM

CS-TEST

CONTACTS (HANDLE-END)	POSITION			TRIP	PULL TO-LOCK	USE
	CLOSE	NORM	TRIP			
1-2	X					TEST
3-4	X					TEST

SPRING RETURN TO NORMAL  
X-DENOTES CONTACT CLOSED  
GE-SBM

- LEGEND**
- 2/TDPU - PARALLEL SOURCES ALARM RELAY
  - 67/32 - DIRECTIONAL POWER RELAY
  - 86B EIB - LOCKOUT RELAY FOR BUS EIB DIFF RELAY
  - 86T EIB - LOCKOUT RELAY FOR XFMR EIB DIFF RELAY
  - ZLP-103 - DIESEL GEN. NO. 12 GEN. CONT. PANEL
  - ZLP-104 - DIESEL GEN. NO. 12 ENG. CONT. PANEL
  - 55-MB - (DEVELOPMENT ON I-E-4057) MB-CPO02
  - SEQ - ESF LOAD SEQUENCER SIGNAL
  - 27 - UNDERVOLTAGE RELAY FOR MONITORING CLOSE AND TRIP CKT'S.
  - TD - TEST SWITCH DEVICE

- REFERENCE DRAWINGS**
- 0-E-0105 - ELECT. WIRING STDS. & SYMBOLS
  - I-E-6056 - CWD ESF BUS EIB 4.16KV SUPPLY BKR
  - I-E-1111 - 4.16KV SWGR EIB ONE LINE DIAGRAM
  - I-E-4057 - ELEM. DIA. STBY DIESEL GEN. NO. 12 4.16KV FDR. BKR.
  - I-E-7175 - CWD DG12 CONTROLS & INST. ENG. PNL.
  - I-E-7186 - CWD DG12 CONTROLS & INST. ENG. PNL.
  - 65-252-202 - CONT. SCHEMATIC GEN. SH. 5 (B&R FILE NO. Q159 X143 - CE)
  - 65-553-137 - CONT. SCHEMATIC ENG. SH. 11 (B&R FILE NO. Q159 X131 - CE)
  - 52767-D-0308 - GOULD SCHEMATIC DIAGRAM (B&R FILE NO. E151 X135 - GU)

- 43RL - BUSS BKR. REMOTE/LOCAL SELECTOR AT ZLP-103
- CS-MB - CONTROL SWITCH MB-CPO02
- 830X - SYNCH. SW. ON INTERLOCK RELAY ZLP-104
- 43B8NX - BUSS BKR. SEL. SW. NORM. RELAY ZLP-104
- 43B8 - BUSS BKR. MANUAL SEL. AT ZLP-103

TERA APERTURE CARD

**INFORMATION**  
THIS DOCUMENT IS SUBJECT TO REVISION WITHOUT NOTIFICATION TO THE USER OF THIS COPY

ELECT. EQUIP. NO. 3E1S1ESG0E1B  
4.16KV SWGR EIB

**NUCLEAR SAFETY RELATED**  
**CLASS IE**

REV.	PER	ENG.	COMMENTS	B.T.	DATE	BY	CHK	PROJ.	DATE	DESCRIPTION	BY	CHK	PROJ.	DATE	DESCRIPTION
1			ISSUED FOR USE												
2			ISSUED FOR REVIEW												

**Brown & Root Inc.**  
ENGINEERS-CONSTRUCTORS  
HOUSTON, TEXAS

**SOUTH TEXAS PROJECT**

PK	PKG: 032	SUFF: 102	ACT: 581
DRAWING TITLE		CONTRACT NO. SCALE	
ELECTRICAL		CR-0241 NONE	
ELEMENTARY DIAGRAM		DRAWING NO. 4-E-15	
ESF BUS EIB		I-E-4056-C SH1	
4.16KV SUPPLY BKR BE1B			

MICROFILMED: MAY 10 1979 □ INFORMATION □ PRELIMINARY □ REVIEW □ USE □ CONSTRUCTION

**BROWN & ROOT INC.**  
**MICROFILM SERVICES**

MONDAY, FEB. 3 1981



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