

- REFERENCE DRAWINGS**
- 0-E-0105 ELECT. WIRING STANDARDS & SYMBOLS
 - I-E-7175 STBY DIESEL GEN. SWITCH DEVELOPMENTS SH.19
 - I-E-6057 CWD STBY DIESEL GEN. NO.12 4.16 KV PDR. BKR.
 - I-E-1111 4.16 KV ESP SWGR. EIB ONE LINE DIAGRAM
 - I-E-7175 CWD DG12 CONTROLS & INST.
 - I-E-7186 CWD DG12 CONTROLS & INST. CONTROL SCHEMATIC ENG. SH.10X11

LEGEND

- JERMx6 - ENG. IN REMOTE MODE RELAY AT ZLP-104
- 43GENx - GEN. BKR. SEL. SW. NORM. RELAY AT ZLP-104
- 3ELMx4 - ENG. IN LOCAL MODE RELAY AT ZLP-104

- LEGEND**
- 43CM - UNIT CONTROL MODE SELECTOR SW. AT ZLP-104
 - ZLP-103 - DIESEL GEN. NO.12 GEN. CONTROL PNL.
 - ZLP-104 - DIESEL GEN. NO.12 ENO. CONTROL PNL.
 - SS-MB - SYNCHRONIZING SWITCH MB-CPOO2
 - 86B EIB - LOCKOUT RELAY FOR BUS EIB DIFF. RELAY
 - 86D EDG12 - LOCKOUT RELAY GEN. DIFF SHUTDOWN SIS. AT ZLP-103.
 - SIS W - SIS SIGNAL FROM WESTINGHOUSE CABINET
 - SIS SEQ - SIS SIGNAL FROM SEQUENCER LOGIC
 - 52 C1,2 - RELAY TO CLOSE GEN BKR COMMAND RELAY AT ZLP-104
 - CS-MB - CONTROL SWITCH MB-CPOO2
 - 3 SOX - SYNC SW. ON INTERLOCK RELAY AT ZLP-104
 - 43GB - GEN. BKR. MANUAL SELECTOR AT ZLP-103
 - 3ERMx5 - ENG. IN REMOTE MODE RELAY AT ZLP-104
 - 52 T1,2 - TRIP GEN. BKR. COMMAND RELAY AT ZLP-104

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

- NOTES**
1. ALL BKR. POSITION INDICATING LIGHTS EXCEPT THE GREEN LIGHTS AT THE SWGR. SHALL MONITOR THE TRIP COIL.
 2. DIESEL ENG. CONTROL CABINET SEE DWG. I-E-7175 SH.19 FOR CIRCUIT DETAILS.

ELECT. EQUIP. NO. 3E15IESG0E18
4.16 KV CLASS IE SWGR. EIB

NUCLEAR SAFETY RELATED CLASS IE

PKG: 032A | SUFF: I02 | ACT: 581

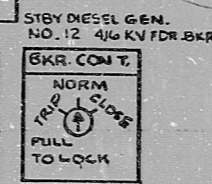
DRAWING TITLE: ELECTRICAL
ELEMENTARY DIAGRAM
STBY DIESEL GENERATOR NO.12 4.16 KV FEEDER BKR I-E-4057-B

CONTRACT NO: CR-0241 | SCALE: NONE
DRAWING NO: 4-E-15

CS-MB (CP-002) 2585

CONTACTS (HANDLE END)	POSITION				USE
	CLOSE	NORM AFTER CLOSE	TRIP	PULL TO LOCK	
1 IC 2C 2	1	X			CONT
01H0 01H0	2				SP
3 3C 4C 4	3			X	CONT
01H0 01H0	4			X	SP
5 5C 6C 6	5	X	X		ALARM
01H0 01H0	6	X	X		ALARM
7 7C 8C 8	7		X	X	ALARM
01H0 01H0	8		X	X	ALARM

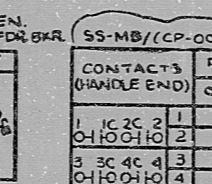
SPRING RETURN TO NORMAL X-DENOTES CONTACT CLOSE GE-SBM



CS/TEST

CONTACTS (HANDLE END)	POSITION			USE
	CLOSE	NORM	TRIP	
1 IC 2C 2	1		X	CONT
01H0 01H0	2	X		CONT

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



SS-MB (CP-002) 25137

CONTACTS (HANDLE END)	POSITION		USE
	ON	OFF	
1 IC 2C 2	1	X	CONT
01H0 01H0	2	X	SP
3 3C 4C 4	3	X	SYNC
01H0 01H0	4	X	SYNC
5 5C 6C 6	5	X	SYNC
01H0 01H0	6	X	SYNC

MAINTAINED CONTACT X-DENOTES CONTACT CLOSED REMOVABLE KEYED HANDLE GE-SBM



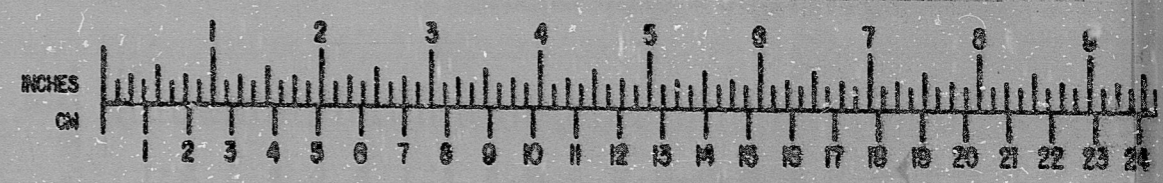
DATE	DESCRIPTION	BY	CHK	ENG	MOD	DATE	DESCRIPTION	BY	CHK	ENG	MOD	DATE

Brown & Root Inc.
ENGINEERS-CONSTRUCTORS
HOUSTON, TEXAS

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THURSDAY, SEPT. 6 1979

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