



PANEL NO. ANN(CP-001A)
WINDOW NO. B-12
ESF LC XFMR
EIA2 FEEDER
GROUND FAULT

COMPUTER
PT. BD 3102
4.16KV ESF
BUS EIA
FDR BKR.
XFMR EIA2

CS-SG

CONTACTS (HANDLE END)	POSITION				USE
	CLOSE	NORMAFTER CLOSE	TRIP	PULL TO LOCK	
1 1C 2C 2	X				CONT
2 1C 10 10	X				TEST
3 3C 4C 4			X	X	CONT
4 1C 10 10			X	X	CONT
5 5C 6C 6			X	X	SP
6 1C 10 10		X	X	X	CONT
7 7C 8C 8	X	X			SP
8 1C 10 10	X	X			ALARM
9 9C 10C 10			X	X	TEST
10 1C 10 10	X	X			ALARM

SPRING RETURN TO CENTER
X DENOTES CONTACT CLOSED
GE SBM

4.16KV ESF FOR BKR EIA2 TO XFMR EIA2

BKR. CONT.

TRIP 1 CLOSE TO LOCK

REF DWGS
0-E-0105
1-E-1110
1-E-6055

ELEC WIRING STPS & SYMBOLS
ONE LINE DIAGRAM, 4.16KV ESF
SWGR EIA
CWD 4.16KV ESF FOR BKR EIA2 TO XFMR EIA2

LEGEND
50G INSTANTANEOUS GND OVERCURRENT RELAY
50/51 TIME OVERCURRENT RELAY WITH INST ELEMENT

NOTE
1. SAFETY INJECTION SIGNAL CONTACT FROM SOLID STATE PROTECTION SYSTEM.
2. ES (EMERGENCY SAFETY FEATURES) CONTACT FROM LOAD SEQUENCER. CONTACT OPENS IN SI MODE.

INFORMATION
THIS DOCUMENT IS
SUBJECT TO REVISION
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TO THE USER OF THIS
COPY

TERA
APERTURE
CARD

4.16KV SWGR EIA
ELECT EQUIP NO. 3E1S1ESG0E1A

NUCLEAR SAFETY RELATED
CLASS I E

PKG: 032B SUFF: 102 ACT: 581

DRAWING TITLE
ELECTRICAL

CONTRACT NO. SCALE
CR-0241 NONE

ELEMENTARY DIAGRAM
4.16KV ESF FOR BKR EIA2
TO XFMR EIA2

DRAWING NO 4-E-15
1-E-4055-B

DATE	DESCRIPTION	BY	CHK	ENG	PROJ	DRG	DATE	DESCRIPTION	BY	CHK	ENG	PROJ	DRG	DATE

Brown & Root, Inc.
ENGINEERS, CONSULTANTS,
HOUSTON, TEXAS

SOUTH TEXAS
PROJECT

BROWN & ROOT INC.
MICROFILM SERVICES



FRIDAY, APR. 13 1979

INFORMATION PRELIMINARY REVIEW USE CONSTRUCTION

RIDS

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