

CS-MB (1592)

CONTACTS (HANDLE END)	POSITION			USE
	START	AUTO	STOP	
1 01 01 01			X	CONT.
2 01 01 01			X	SP
3 01 01 01		X		CONT.
4 01 01 01		X		SP
5 01 01 01	X			CONT.
6 01 01 01	X			SP
7 01 01 01	X	X	X	CONT.
8 01 01 01	X	X	X	CONT.

SPRING RETURN TO AUTO. X-DENOTES CLOSED CONTACTS G.E. TYPE SBM (SPECIAL)

CS-ZLP (100501)

CONTACTS (HANDLE END)	POSITION			USE
	START	AUTO	STOP	
1 01 01 01			X	CONT.
2 01 01 01		X		SP
3 01 01 01	X			CONT.
4 01 01 01			X	SP
5 01 01 01		X		SP
6 01 01 01	X			SP

SPRING RETURN TO AUTO. X-DENOTES CLOSED CONTACTS G.E. TYPE SBM (SPECIAL)

AFW PUMP MTR. N2 11

CONTACTS (HANDLE END)	POSITION			USE
	AUTO	STOP	TRIP	
1 01 01 01			X	CONT.
2 01 01 01			X	CONT.
3 01 01 01		X		CONT.
4 01 01 01		X		CONT.
5 01 01 01	X			CONT.
6 01 01 01	X			CONT.
7 01 01 01	X	X	X	CONT.
8 01 01 01	X	X	X	SP
9 01 01 01	X	X	X	SP
10 01 01 01	X	X	X	SP
11 01 01 01	X	X	X	SP
12 01 01 01	X	X	X	SP
13 01 01 01	X	X	X	SP
14 01 01 01	X	X	X	SP
15 01 01 01	X	X	X	SP
16 01 01 01	X	X	X	SP
17 01 01 01	X	X	X	SP
18 01 01 01	X	X	X	SP

MAINTAINED CONTACTS X-DENOTES CLOSED CONTACTS G.E. TYPE SBM (SPECIAL)

AFW PUMP N2 11

CONTACTS (HANDLE END)	POSITION			USE
	LOCAL	REMOTE	TRIP	
1 01 01 01		X		CONT.
2 01 01 01	X			CONT.
3 01 01 01		X		CONT.
4 01 01 01	X			CONT.
5 01 01 01		X		CONT.
6 01 01 01	X			CONT.
7 01 01 01		X		CONT.
8 01 01 01	X			SP
9 01 01 01		X		SP
10 01 01 01	X			SP
11 01 01 01		X		SP
12 01 01 01	X			SP
13 01 01 01		X		SP
14 01 01 01	X			SP
15 01 01 01		X		SP
16 01 01 01	X			SP
17 01 01 01		X		SP
18 01 01 01	X			SP

NOTES: ONLY TIME DELAY OPERATION (51) IS USED FOR ALARM FUNCTION. INSTANTANEOUS OPERATION (50) IS DEFEATED BY REMOVING JUMPER ACROSS TERMINALS 9&10 ON RELAY 50/51AL.

CS-TEST

CONTACTS (HANDLE END)	POSITION			USE
	CLOSE	NORM.	TRIP	
1 01 01 01			X	TEST
2 01 01 01	X			TEST

SPRING RETURN TO NORMAL X-DENOTES CLOSED CONTACTS G.E. TYPE SBM. CAT. N510AA107

AFW PUMP N2 11

CONTACTS (HANDLE END)	POSITION			USE
	REMOTE	LOCAL	TRIP	
1 01 01 01		X		CONT.
2 01 01 01	X			CONT.
3 01 01 01		X		CONT.
4 01 01 01	X			CONT.
5 01 01 01		X		CONT.
6 01 01 01	X			CONT.
7 01 01 01		X		CONT.
8 01 01 01	X			SP
9 01 01 01		X		SP
10 01 01 01	X			SP
11 01 01 01		X		SP
12 01 01 01	X			SP
13 01 01 01		X		SP
14 01 01 01	X			SP
15 01 01 01		X		SP
16 01 01 01	X			SP
17 01 01 01		X		SP
18 01 01 01	X			SP

REFERENCE DRAWINGS: 0-E-0105 ELECT. WIRING STANDARDS AND SYMBOLS. 1-E-3280 AUXILIARY FEEDWATER MOTOR DRIVEN PUMP LOGIC DIAGRAM. 1-E-4350 CWD AUXILIARY FEEDWATER PMP N2 11 SCHEMATIC DIA. GOULD (E151X116-64)

LEGEND: 506X - 5KV SWGR EIA CUB. B. 27 - UNDERVOLTAGE RELAY. 3, 3A, 3B - AUXILIARY RELAYS. 74T - ALARM RELAY.

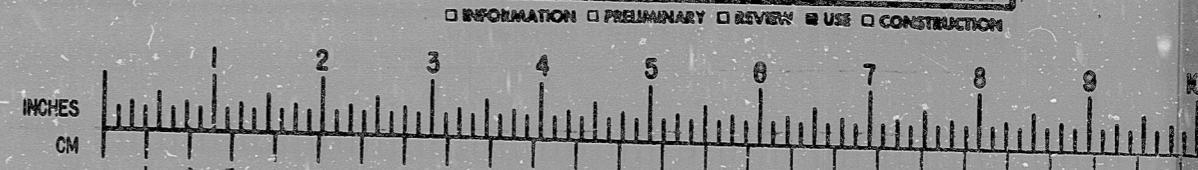
ISSUED FOR USE	DATE	DESCRIPTION	BY	CHK	ENG	MGR	DATE	DESCRIPTION	BY	CHK	ENG	MGR	DATE

BROWN & ROOT INC. MICROFILM SERVICES

SOUTH TEXAS PROJECT

NUCLEAR SAFETY RELATED CLASS IE

PKG: 033A	SUFF: 102	ACT: 581
DRAWING TITLE	CONTRACT NO	SCALE
ELECTRICAL	CR-0241	NONE
ELEMENTARY DIAGRAM	DRAWING NO	
AUXILIARY FEEDWATER PUMP N2 11	3-5-14	
	1-E-4350-A	



INFORMATION PRELIMINARY REVIEW USE CONSTRUCTION

RIDS

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