



FAIL TO START/ RUN	OVERSPEED	LOW FUEL LEVEL	CRANK CASE PRESS HIGH	HIGH LUBE OIL TEMPERATURE
CHARGER FAILURE	LOW STARTING AIR PRESSURE	ENGINE THIPPED	MAIN FUEL PUMP FAILURE	LOW LUBE OIL TEMPERATURE
CONTROL POWER FAILURE	HIGH STATOR TEMPERATURE		RESERVE FUEL PUMP FAILURE	LOW LUBE OIL PRESSURE
PROTECTIVE RELAYING LOST		LOW TURBO LUBE OIL PRESSURE	RESTRICTED FUEL OIL FILTER	RESTRICTED LUBE OIL FILTER
HIGH WATER TEMPERATURE	LOW EXPANSION TANK WATER LEVEL	LOW COOLING WATER PRESSURE		FLASHER

NUCLEAR SAFETY RELATED DIVISION 3

RTD WIRING TO BE (A3)

- A1 ANNUNCIATOR (E-1 LINE)
- A2 MONITOR, STATOR TEMPERATURE
- A3 OVERCRANK RELAY
- A4 OVERSPEED RELAY
- A5 ALARM RELAY
- A6 TROUBLE LOCK-OUT
- A7 RELAY, SAFETY SETUP T.D.
- A8 ENGINE STARTING FUSE FAILURE
- A9 GOVERNOR FUSE FAILURE RELAY
- A10 SAFETIES FUSE FAILURE RELAY
- A11 LOW WATER PRESSURE TIME DELAY
- A12 LOW OIL PRESSURE SWITCH
- A13 HIGH WATER TEMPERATURE SWITCH
- A14 LOW OIL PRESSURE SWITCH ALARM
- A15 LOW OIL TEMPERATURE SWITCH
- A16 FUEL LEVEL SYSTEM
- A17 FUEL LEVEL SWITCH
- A18 LOWCASE PRESSURE HIGH SWITCH (AIR PRESS)
- A19 HIGH OIL TEMPERATURE SWITCH
- A20 HIGH IMPURE WATER PRESSURE SWITCH
- A21 AIR/WATER SWITCH
- A22 RESTRICTED FUEL OIL FILTER
- A23 RESTRICTED LUBE OIL FILTER
- A24 SWITCH, PSEL (ELECTRIC)
- A25 SWITCH, PSEL (ENGINE)
- A26 RELAY, FUSE FAILURE ALARM
- A27 SWITCH, LOW OIL REGULATING OIL PRESS.

- (A3) ASSOCIATED DIV. 3
- (D3) CLASS 1E DIV. 3 EXCEPT FOR RTD'S & CONV. RECP. LTS.
- (N) NON 1E

PRC APERTURE CARD

STEWART & STEVENSON SERVICES
P. O. BOX 1637 HOUSTON, TEXAS, U.S.A.

ANNUNCIATOR CIRCUIT
240V AC, 30, 60HZ, 0.8PF
EMERGENCY DIESEL GENERATOR

D 81381 [22716CE]

REF: B-211-006 SH. 12 BLOCK DIAG
B-211-009 SH. 23-29 BLOCK DIAG

NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.

PERRY NUCLEAR POWER PLANT UNIT 1
ELECTRICAL-ELEMENTARY DIAGRAM

HIGH PRESSURE CORE SPRAY
HPCS DIESEL GEN. ANNUNCIATOR
1E22-9021

DATE	7-15-77	CONSTRUCTION	TFF
DATE		PRELIMINARY	
DATE		RELEASED FOR	ENGR.
GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS			
DATE	7-15-77	CONSTRUCTION	TFF
DATE		PRELIMINARY	
DATE		RELEASED FOR	ENGR.

NO.	DATE	BY	CHKD	APPROVALS	DATE	NO.	DATE	BY	CHKD	APPROVALS	DATE	NO.	DATE	BY	CHKD	APPROVALS	DATE
1	7-15-77	TFF				2	7-15-77	TFF				3	7-15-77	TFF			

ITC INTERFACE RPT# 42101

REMOVED S17 - REPLACED WITH R45-K00 CONTACT 15/11/77 REV CONTACT TERM 48

REV. TERM. NOS. ADDED (AIR PRES) TO S20 REV. TITLE IN 13 ADDED REFS

ELEM DIAG HPCS DIESEL CONT

8.5"
11"
17"

8.5"
11"
17"

RIDS

8212160594

