



ROTOR	LIMIT SW. CONTACT DEVELOPMENT			CONTACT LOCATION
	FULL OPEN	A	B	
1				SPARE
2				SPARE
3				23
4				05
5				05
6				SPARE
7				21
8				SPARE
9				SPARE
10				SPARE
11				SPARE
12				SPARE
13				SPARE
14				SPARE
15				SPARE
16				SPARE

17 CLOSING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE OR FULLY CLOSED VALVE.

18 OPENING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE OR FULLY OPENED VALVE.

— CLOSED CONTACT  
- - - OPEN CONTACT

ROTORS 3 AND 4 CAN BE SET AT VALVE POSITION FULL OPEN, FULL CLOSED OR ANY POSITION IN BETWEEN AS INDICATED BY POINTS A AND B.  
REF: PHILA. GEAR CORP. Dwg. 15-477-2759-5 REV. A

S1 I113-P881		CONTROL SWITCH	
CONTACTS	NAMEPLATE (F.V)	CONTACT	LOCATION
OPERATOR	CLOSE	AUTO	OPEN
TR 1 2	X		17
TR 3 4		X	05
OP 5 6	X		SPARE
OP 7 8		X	SPARE
OPER BLOCK		X CLOSED CONTACT	
SPRING RETURN TO AUTO			

NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.  
PERRY NUCLEAR POWER PLANT UNIT 1  
ELECTRICAL-ELEMENTARY DIAGRAM  
NITROGEN SUPPLY  
NITROGEN SUPPLY ISOLATION VALVE  
1P86-F002

REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE
B	D	M	11/28/77	A	R	M	11/28/77																
ELEM DIAG 1P86-F002 SYS 1P86-01												044549-000											
GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS												DATE WORK ORDER MADE CHKD. DR. APP. ENGR. APP. DATE											
DRAWING NUMBER												SYSTEM SH. NO. REV.											

Rids

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