



SYSTEM NO. [REDACTED]
 SYSTEM NO. [REDACTED]

NO.	TYPE	VALVE POSITION	CONTACT LOCATION
		FULL OPEN	A B FULL CLOSED
1			SPARE
2			SPARE
3			23
4			05
5			SPARE
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. (SPARE)

--- CLOSED CONTACT
 --- OPEN CONTACT

POTORS 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. ODK. 15-877-2159-3 REV. A

S12 / RH13 P601 CONTROL SWITCH			
CAM 1 CONTACTS	NAMEPLATE (F.V.)		CONTACT LOCATION
OPERATOR	CLOSE	AUTO OPEN	
TF 1 2	X		17
TR 3 4		X	05
BF 5 6	X		SPARE
BR 7 8		X	SPARE
OPER. 9 BLOCK	X - CLOSED CONTACT		
CR2310-05203A			
SPRING RETURN TO AUTO			

NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.

PERRY NUCLEAR POWER PLANT UNIT I

ELECTRICAL-ELEMENTARY DIAGRAM

HIGH PRESSURE CORE SPRAY SYSTEM
 MINIMUM FLOW BYPASS TO
 SUPPRESSION POOL MOV F012

CONSTRUCTION	DATE	PRELIMINARY	RELEASED FOR	ENGR.
6/30/73				TF

REV.	NO.	CHKD.	APPROVALS	DATE	REV.	NO.	CHKD.	APPROVALS	DATE	REV.	NO.	CHKD.	APPROVALS	DATE	REV.	NO.	CHKD.	APPROVALS	DATE	NO. WORK ORDER	MADE	CHKD.	DR. APP.	ENG. APP.	DATE	DRAWING NUMBER	SYSTEM	SH. NO.	REV.	
	1		[Signature]	11-20-71		2		[Signature]	8-6-77		3		[Signature]	3-8-75		4		[Signature]	6-30-77	444549-000	GRZ	JGS	DES	TF	6-30-77	04	454919-208-065	E22	A05	D

CHANGES: CONTACTS JES; ADDED REFS; CHANGED DEFS; AS PER GIL ELEM DIAG

ADDED MCC TERMINAL #24

ADDED FITS & TERM CAB CHANGED TERM CAB SW TERMINALS

REVISED OPEN CONTROL LOGIC; ADDED MLC FUSE SIZE

READING PA

GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS

ELEM DIAG | E22 | F012

RIDS

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