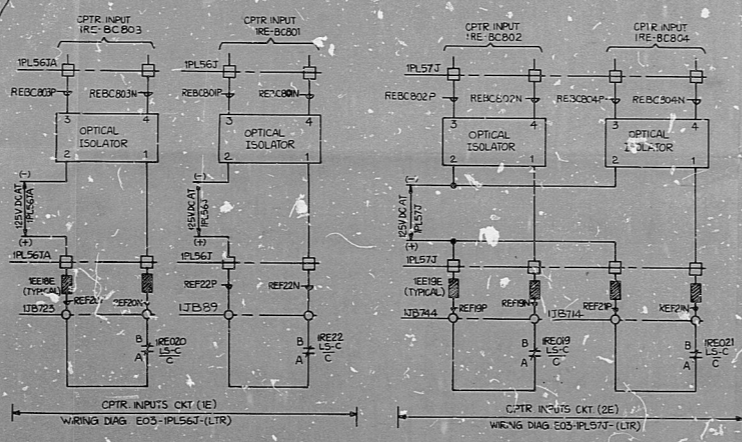


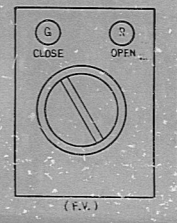
DRYWELL INBOARD ISOLATION VALVE (1RE019)(2E) DEVICE REF019, WIRING DIAG. DWG. E03-1RE00-003
 DRYWELL OUTBOARD ISOLATION VALVE (1RE020)(1E) DEVICE REF020, WIRING DIAG. DWG. E03-1RE00-003
 CONTAINMENT INBOARD ISOLATION VALVE (1RE021)(2F) DEVICE REF021, WIRING DIAG. DWG. E03-1RE00-003
 CONTAINMENT OUTBOARD ISOLATION VALVE (1RE022)(1E) DEVICE REF022, WIRING DIAG. DWG. E03-1RE00-003

CONTACTS	SYMBOL	VALVE POSITION		
		FULL CLOSE	INTER-MEDIATE	FULL OPEN
A -> B	IC	X	X	
C -> D	IC	X	X	
E -> F	IC	X	X	
G -> H	IC	X	X	
A -> B	IC	X		X
C -> D	IC	X		X
E -> F	IC	X		X
G -> H	IC	X		X

X - DENOTES CONTACTS CLOSED
 LIMIT SW. IN SCHEMATIC SHOWN WITH VALVE IN FULLY CLOSED POSITION
 NAMCO TYPE EX170-31100
 LIMIT SWITCH DEVELOPMENT (LS)
 TYPICAL FOR 1RE019, 1RE020, 1RE021, 1RE022
 NOTE: REF SH 526 FOR LS-C CONTACT USED.



CTR INPUTS CKT (1E) WIRING DIAG. E03-1P1563-(LIR)
 CTR INPUTS CKT (2E) WIRING DIAG. E03-1P1571-(LIR)



CONTACTS (HANDLE END)		POSITIONS	
FRONT	BACK	CLOSE	OPEN
TOP	A1 -> A2	X	
BTM	B1 -> B2	X	
TOP	C1 -> C2	X	
BTM	D1 -> D2	X	

X - DENOTES CONTACT (CLOSED) MAINTAINED CONTACTS SEE TYPE OR22AD
 SELECTOR SWITCH DEVELOPMENT FOR:

DEVICE NO.	INSTRUMENT NO.	LOCATION
19-REF02	1HS-RE009	1HS-FC01-22C
43-REF020	1HS-RE009	1HS-FC01-22C
43-REF021	1HS-RE010	1HS-FC01-22C
43-REF022	1HS-RE010	1HS-FC01-22C

REV.	DATE	RELT.	PREPARED	REVIEWED	APPROVED	PURPOSE
A	5-9-77		U. [Signature]	[Signature]	[Signature]	FOR P&C FABRICATION ONLY, SPEC. NO. K-2801
B	7-23-78		SC [Signature]	[Signature]	[Signature]	REVISED PER SITS/FITS & ENGR. COMMENTS, SPEC. NO. K-2801
C	12-19-80		[Signature]	[Signature]	[Signature]	FOR CONSTRUCTION, SPEC. K-2393
D	12-19-80		[Signature]	[Signature]	[Signature]	LOCATED PER 6.4 INFO & ADDED CTR INPUT SMT.
E	4-7-81		[Signature]	[Signature]	[Signature]	REV. FOR CONSTRUCTION SPEC. K-2393
F	10-2-81		[Signature]	[Signature]	[Signature]	REV. FOR CONSTRUCTION SPEC. K-2393

NUCLEAR SAFETY RELATED EQUIPMENT IS SHOWN ON THIS DRAWING
 FOR SAFETY CLASSIFICATION SEE EQUIPMENT, VALVE, OR INSTRUMENT LISTS.

SCHEMATIC DIAGRAM
 CMT, AUX & FUEL BLDG. EQUIP. DRNS. SYS. (RE)
 DRYWELL ISOLATION VALVES 1RE-FD19 & 1RE-FD20
 CONTAINMENT ISOLATION VALVES 1RE-FD21 & 1RE-FD22

CLINTON POWER STATION UNIT 1
 ILLINOIS POWER COMPANY
 CLINTON, ILLINOIS

SARGENT & LUNDY
 CHICAGO
 DRAWING NO. E02-1RE-99
 SHEET 004 OF 004

RIDS

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