



# NOTES: -

1. DEVICES WITHOUT LOCATION MARKINGS ARE MOUNTED AT MCC.
2. LAST WIRE MARK USED: 11- (WIRE MARKS HAVE DRAWING SHEET NO. "110" SUFFIX)
3. VALVE IS SHOWN IN FULLY OPEN POSITION.
4. FOR SELECTOR SWITCH DEVELOPMENT SEE DEVICE 2A, DWG. B-2R1-073.

	CONSTRUCTION	
	LIMITED CONSTRUCTION: AS NOTED	
	PRELIMINARY NOT FOR CONSTRUCTION	
	BIDDING PURPOSES	
SEP 21 '81	FOR INFORMATION ONLY	ENGR.
DATE	RELEASED FOR	

# LEGEND: -

- ▲ MAIN CONTROL BOARD SECTION
- FIELD INSTALLED WIRE (SEE NOTE 2)

# REFERENCES: -

- S-001-331, SH. 4 COMPONENT LOGIC DIAGRAM
- SS-201-065, SH. 8 BLOCK DIAGRAM
- D-302-071 SYSTEM DIAGRAM

THIS IS A  
NUCLEAR SAFETY RELATED  
DOCUMENT. NO DEVIATION SHALL BE  
INITIATED OR PERFORMED WITHOUT PRIOR  
DOCUMENTATION AND WRITTEN APPROVAL.

SEPARATION GROUP B

NO	MADE	CHKD	APPROVALS	DATE

# REVISIONS

9-5-75	CONSTRUCTION	GRG
	LIMITED CONSTRUCTION: AS NOTED	
7-10-75	PRELIMINARY NOT FOR CONSTRUCTION	GRG
	BIDDING PURPOSES	
DATE	RELEASED FOR	ENGR.

ROCHESTER GAS & ELECTRIC CORPORATION

GINNA STATION

ELECTRICAL

ELEMENTARY WIRING DIAGRAM

SAFW SUCT. VLV. 9629B

READING PA. **GILBERT ASSOCIATES, INC.**  
ENGINEERS AND CONSULTANTS



DRAFTING	ENGINEER APPROVALS	
MADE	ARCHITECTURAL	CIVIL
CHECKED	STRUCTURAL	ELECTRICAL
DATE	DATE	DATE
APPROVAL	MECHANICAL	ENVIRONMENTAL
DATE	DATE	DATE
SCALE	04	4594
W.O.	B-281-110	3
044594-011	DRAWING NUMBER	REV

LIMIT SWITCH CONTACT DEVELOPMENT	VALVE POSITION		POS SW. 33/	FUNCTION	DWG. NO.
	FULLY OPEN A	FULLY CLOSED B			
1				40 TS BYPASS CKT. THIS DWG.	
2				40 SAFPD CLOSE CKT. B-281-123	
3				40 GREEN IND. LIGHT THIS DWG.	
4				40 OPEN LIMIT THIS DWG.	
5				40 TS BYPASS CKT. THIS DWG.	
6				40 SPARE	
7				40 SPARE	
8				40 RED IND. LIGHT THIS DWG.	
9				40 SPARE	
10				40 SPARE	
11				40 SAFPD TRIP CKT. B-281-123	
12				40 SPARE	
13				40 SPARE	
14				40 SPARE	
15				40 SPARE	
16				40 SPARE	

# LIMIT SWITCH LEGEND:

- (17) - CLOSING TORQUE SW. INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE OR FULLY CLOSED VALVE.
- (18) - OPENING TORQUE SW. INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE OR FULLY OPENED VALVE.
- CLOSED CONTACTS
- OPEN CONTACTS

REGULATORY DOCKET FILE COPY

Docket # 50-244  
Control # 8109290350  
Date 9-27-81 of Document  
REGULATORY DOCKET FILE

REV. AS IND. Δ 1 PLACES PER FOR ISO	REV. AS IND. Δ 2 PLACES PER FOR ISO.	REV. AS IND. Δ 6 PLACES	REV. AS IND. Δ 12 PLACES
3	2	1	0
LDL RPS 7/1/77	K5 RPS 7/1/77	SCH RPS 7/1/77	NO
MADE	MADE	MADE	MADE
CHECKED	CHECKED	CHECKED	CHECKED
DATE	DATE	DATE	DATE

1/4" = 1'-0"

EWD SAFW SUCT VLV 9629B