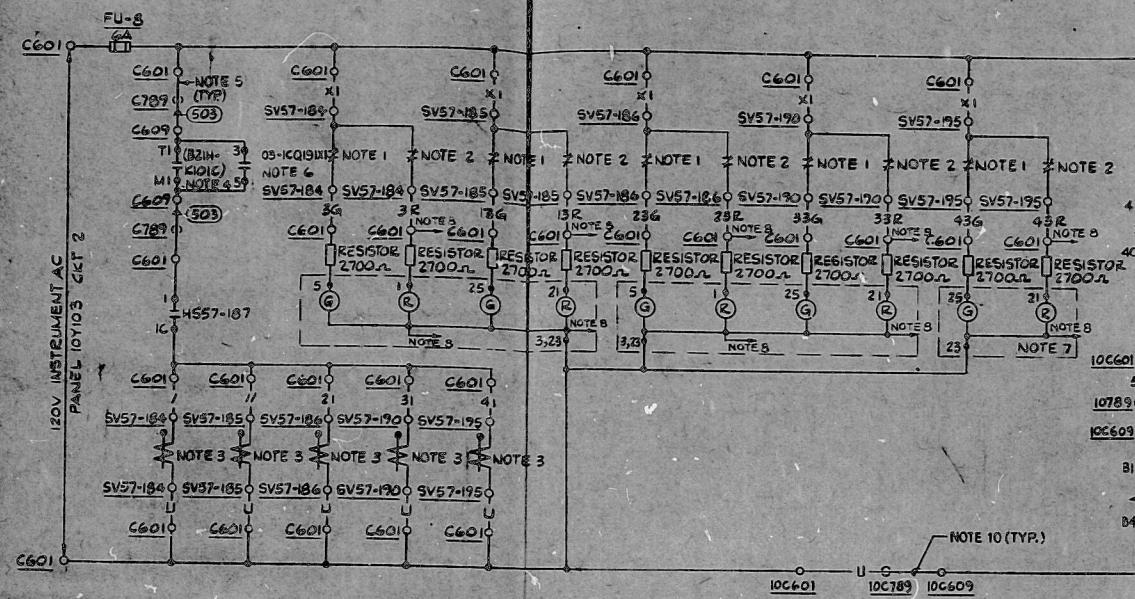
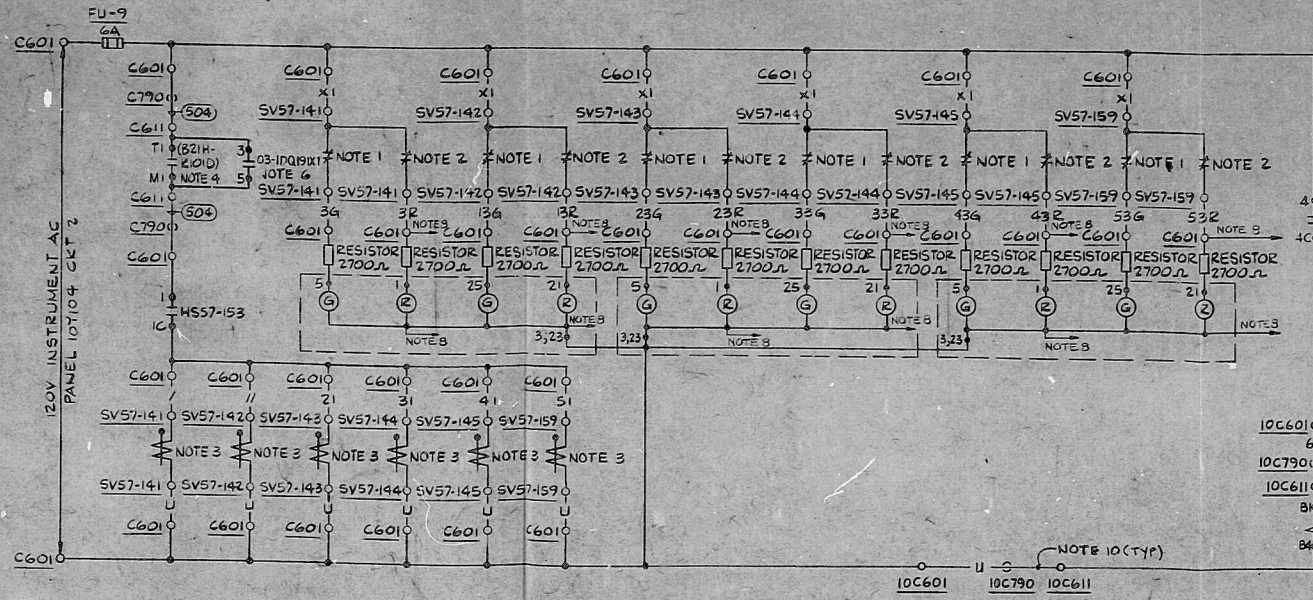




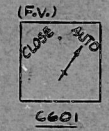
DIVISION 3. CONTAINMENT ATMOSPHERE SAMPLING SYSTEM ISOLATION VALVES
SCHEME NO. 1CQ132
Q NO. M-57
(TYPICAL FOR 1 & 2 UNITS)



DIVISION 4. CONTAINMENT ATMOSPHERE SAMPLING SYSTEM ISOLATION VALVES
SCHEME NO. 1DQ132
Q NO. M-57
(TYPICAL FOR 1 & 2 UNITS)

AGASTAT EGPI

CONTACTS	FUNCTION	DWG NO.
T1-M1	CONTAINMENT ISOLATION	E-341 NOTE 9
M1-M2	NOT USED	---
M2-M3	SPARE	---
M3-M4	---	---
M4-M5	---	---
B1-B2	OPERATING COIL	THIS DWG



CONTACTS

HANDLE END	POSITION	DWG
1 1C26 31	X	THIS DWG
2 1C26 31	X	E-341 Q31
3 3C46 43	X	SPARE
4 1C26 31	X	THIS DWG
5 5C66 65	X	SPARE
6 1C26 31	X	SPARE

CONTROL SWITCH H557-187
MAINTAINED CONTACTS
OVAL HANDLE
(TYPICAL FOR H557-187)

SOLENOID VALVE

NO.	ERFDS INPUT NO.
SV57-141	E 1437
SV57-142	E 1475
SV57-143	E 1481
SV57-144	E 1480
SV57-145	E 1478
SV57-153	E 1483
SV57-184	E 1456
SV57-185	E 1440
SV57-186	E 1445
SV57-190	E 1444
SV57-195	E 1435

NOTES

- POSITION SWITCH CONTACT IN GREEN LIGHT CIRCUIT CLOSING WHEN THE VALVE IS FULLY CLOSED.
- POSITION SWITCH CONTACT IN RED LIGHT CIRCUIT CLOSING WHEN THE VALVE IS FULLY OPEN.
- VALVE OPENS WHEN THE SOLENOID IS ENERGIZED.
- CONTACT T1-M1 OF RELAYS (B2H101C AND B2H101D) OPENS ON CONTAINMENT ISOLATION SIGNAL. (SEE REF DWG 3)
- CABLE BETWEEN CONTROL ROOM PANEL AND AUXILIARY EQUIPMENT ROOM PANEL IS ROUTED THROUGH THE ASSOCIATED TERMINATION CABINET AND IS PART OF GE/BWRSD SYSTEM FURNISHED BY GE/BWRSD. (SEE REF DWG 5)
- FOR RELAY DEVELOPMENTS OF 03-1CQ131 AND 03-1DQ131 SEE REF DWG 4.
- TERMINAL NUMBERS 1, 3 AND 5 OF MASTER SPECIALTY INDICATING LIGHT FOR SV57-195 ARE SPARE.
- FOR ERFDS INPUT NO., SEE ADAPTER TABLE.
- WIRING OF CONTACT USED FOR CONTAINMENT ISOLATION RESET KIT SHALL BE SEPARATED PER SECTION 6.3 OF E-1412.
- CABLE ROUTING WITHIN THE P6CC FLOOR SECTIONS IS FURNISHED BY BECHTEL FIELD CONSTRUCTION.
- CABLE NO. 1DQ132F & 1DQ132H ARE SPliced IN JUNCTION BOX 1D132.
- CABLE NO. 1DQ132H IS SPliced IN JUNCTION BOX 1D132.
- CABLE NO. 1DQ132D & 1DQ132K ARE SPliced IN JUNCTION BOX 1D5059. FOR SPlicing PROCEDURE SEE DWG. E-1412, SECTION 5.6.

REFERENCE DRAWINGS

- 8031-U-57FD
REF "F" REV. 4
FUNCTIONAL DESCRIPTION
CONTAINMENT ATMOSPHERIC
CONTROL
- 8031-E-966
FUSE NUMBER INDEX
- 8031-H-551090E-24
(GE/T91601N54.8C)
ELEMENTARY DIAGRAM -
NUCLEAR STEAM SUPPLY
SHUTOFF SYSTEM
- 8031-E-343
SHEET 1
CONTAINMENT ISOLATION SIGNAL
BYPASS PERMISSIVE 1 & 2 UNITS
- 8031-E-115
SCHEMATIC BLOCK DIAGRAM
P6CC SITS CABLES - 1 & 2 UNITS
- 8031-M-245-90
SOLENOID OPER. VALVE LOW PRESS
& TEMP.
- 8031-E-960
ELECTRICAL DEVICE TABLE

LEGEND

- GE/BWRSD LINE CODE
- NOTE 5 LINE CODES R280: 503, 504

TI
APERTURE
CARD

NO.	DATE	BY	CHKD	APP'D	REVISION
1	10/1/77	...	...	...	...
2	...	...	...	...	...
3	...	...	...	...	...
4	...	...	...	...	...
5	...	...	...	...	...
6	...	...	...	...	...
7	...	...	...	...	...
8	...	...	...	...	...
9	...	...	...	...	...
10	...	...	...	...	...

BECHTEL
SAN FRANCISCO

LIMERICK GENERATING STATION UNITS 1 & 2
PRELIMINARY ELECTRICAL SCHEMATIC

SCHEMATIC DIAGRAM
CONTAINMENT ATMOSPHERE SAMPLING
SYSTEM ISOLATION VALVES - 1 & 2 UNITS

0831 E-385 SN. 20F 2 7

8202180379

PDR RIDS

