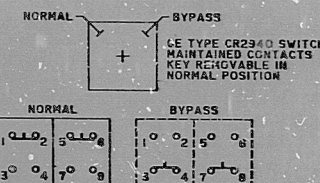
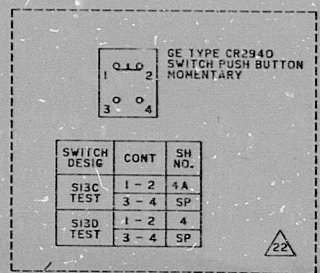
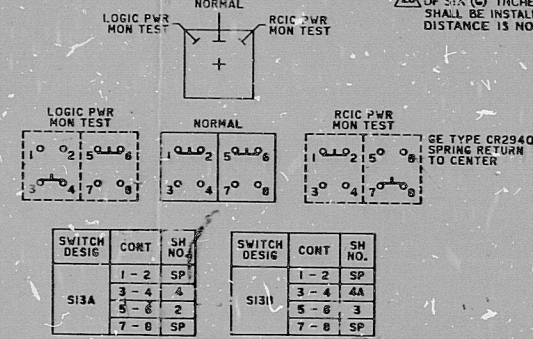


AREA MONITORED	TABLE NO. 1				TABLE NO. 2				
	AMBIENT TEMPERATURE				DIFFERENTIAL TEMPERATURE				
	TE	RECORDED	PT	ALARM GROUP	TE INLET	TE OUTLET	RECORDED	PT	ALARM GROUP
STEAM PIPE TUNNEL	N031A	R60B	1	1	N025A	N030A	R611	1	1
DRYWELL AMBIENT	N017A	R60B	2	2					
DRYWELL AMBIENT	N017B	R60B	3	2					
DRYWELL AMBIENT	N017C	R60B	4	2					
DRYWELL AMBIENT	N017D	R60B	5	2					
RHR EQUIP AREA #1	N018A	R60B	6	3	N027A	N028A	R611	2	3
RHR EQUIP AREA #2	N001A	R60B	3		N002A	N003A	R611	3	4
	SPARE	R60B	8						
RCIC EQUIP AREA	N004A	R60B	4		N005A	N006A	R611	4	4
RCIC HEAT EXCHANGER ROOM	N034A	R60B	10	5	N035A	N036A	R611	5	2
RCIC PUMP ROOM 1	N037A	R60B	11	5	N038A	N039A	R611	6	2
RCIC PUMP ROOM 2	N040A	R60B	12	5	N041A	N042A	R611	7	2
RCIC VALVE NEST ROOM	N043A	R60B	13	5	N044A	N045A	R611	8	2
RCIC DEHIM ROOM 1	N046A	R60B	14	5	N047A	N048A	R611	9	2
RCIC DEHIM ROOM 2	N049A	R60B	15	5	N050A	N051A	R611	10	2
	SPARE	R60B	16		SPARE	SPARE	R611	11	
RCIC DEHIM REC TANK	N054A	R60B	17	5	N056A	N057A	R611	12	2
GUARD PIPE MAIN STEAM LINE "A"	N015A	R60B	18	2					
GUARD PIPE MAIN STEAM LINE "B"	N015B	R60B	19	2					
GUARD PIPE MAIN STEAM LINE "C"	N015C	R60B	20	2					
GUARD PIPE MAIN STEAM LINE "D"	N015D	R60B	21	2					
	SPARE	R60B	22						
	SPARE	R60B	23						
	SPARE	R60B	24						

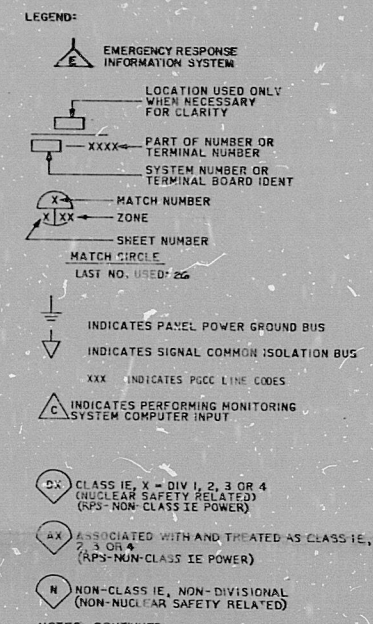


SWITCH DESIG	CONT	SH NO.	SWITCH DESIG	CONT	SH NO.
S1A	1-2	SP	S1B	1-2	SP
	3-4	4		3-4	4A
	5-6	SP		5-6	SP
	7-8	12		7-8	12
S2A	1-2	4	S2B	1-2	4A
	3-4	SP		3-4	SP
	5-6	SP		5-6	SP
	7-8	12		7-8	12
S4A	1-2	SP	S4B	1-2	SP
	3-4	4		3-4	4A
	5-6	4		5-6	4A
	7-8	12		7-8	12



TI APERTURE CARD

SH	CONTENTS
1	NOTES, REF DMS, FABRICATIONS & SH DEVELOPMENT
1A	RELAY FABRICATIONS
2	POWER DISTRIBUTION, ISOLATOR FABRICATION
3	POWER DISTRIBUTION
4	ISOLATION LOGIC
4A	ISOLATION LOGIC
5	RMCU FLOW CIRCUIT, COMPUTER INPUTS
6	SUMP TIMERS
7	TEMPERATURE ELEMENTS
8	TEMPERATURE ELEMENTS
9	TEMPERATURE ELEMENTS
10	TEMPERATURE RECORDERS & LEAKAGE FLOW MON
11	ANNUNCIATORS
12	ANNUNCIATORS
13	SUMP FLOW RATE, ANNUNCIATORS, COMPUTER INPUTS
14	TERMINATION CABINET INTERFACE DEFINITION



NOTES CONTINUED
 26 ERIS SIGNAL LOADING ON ESI-1050 SYSTEM SHALL NOT EXCEED .005 VOLTS.
 27 ALL ERIS WIRING SHALL BE PER REFERENCES 18 AND 19
 28 NON-CLASS IE WIRING SHALL MAINTAIN A MINIMUM OF SIX (6) INCHES FROM CLASS IE WIRING. BARRIERS SHALL BE INSTALLED IN THE EVENT THE MINIMUM DISTANCE IS NOT MAINTAINED.

GENERAL ELECTRIC 851F602AA
 LEAK DETECTION SYSTEM
 FCP1 2034238AA
 OVERALL REVISION

NUCLEAR SAFETY RELATED

- NOTES:
- SHIELDED TWISTED PAIR (6 AWG, CHROMIUM CONSTANTAN EXTENSION) WIRE TYPE EX TOTAL COVERAGE SHIELD TO BE TIN COATED COPPER, 36 AWG, 20 MM OPTICAL COVERAGE WITH OVERALL TEFZEL OR EQUIVALENT INSULATION MATCHED AND CALIBRATED TO ANSI STANDARD MC 96.1-1975.
 - ROUTE ALL THERMOCOUPLES SEPARATELY FROM POWER CABLES.
 - DUAL TYPE THERMOCOUPLE, UNGROUNDED.
 - CONNECT THERMOCOUPLE OR WIRE DIRECT TO INSTRUMENT.
 - INTRA-PANEL PROCESS INSTRUMENTATION (4-20MA) SIGNAL LEADS SHALL BE BUNDLED AND ROUTED SEPARATELY FROM AC & DC POWER WIRING.
 - THERMOCOUPLE AND GROUND WIRING NOT RUNNING DIRECT TO AN INSTRUMENT TO BE CONNECTED TO TERMINAL BOARD.
 - UNLESS OTHERWISE INDICATED, THE FOLLOWING REFERENCE DESIGNATIONS SHOWN ON THIS DIAGRAM ARE PREFIXED WITH EST-1.

- REFERENCE DOCUMENTS:
- F12-1050 RESIDUAL HEAT REMOVAL SYS ELEM DIAG (E12A)
 - REMOVED
 - C41-1050 STANDBY LIQUID CONTROL SYS ELEM DIAG (C41A)
 - E51-1050 REACTOR CORE ISOLATION COOLING SYS ELEM DIAG (E51A)
 - REMOVED
 - E31-1010 LEAK DETECTION SYSTEM IEB
 - B21-1090 NUCLEAR STEAM SUPPLY SHUTOFF SYS ELEM DIAG (B21A)
 - BY AE
 - C31-1050 REACTOR WATER CLEAN-UP SYS ELEM DIAG (C31A)
 - C91-4030 PROCESS COMPUTER - I/O LISTING
 - A62-4050 ELECTRICAL SEPARATION SPEC
 - C51-1070 START-UP RANGE NEUTRON MONITORING SYS ELEM DIAG (C51A)
 - DELETED
 - REMOVED
 - H13-2010 CONTROL ROOM - INTERFACE CONTROL
 - C85-1050 ERIS ELEM DIAGRAM
 - A62-4060 SPECIAL WIRE & CABLE SEPARATION FOR PROTECTION SYSTEMS, ELECT EQUIPMENT.
 - A62-4080

LINE CODES
 NONE THIS SHEET
 LAST LINE CODE USED 8.75

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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PDR RIDS

