



ZONE	LTR	REVISIONS	DATE	APPROVED
-	-	RELEASED ON C/N 61962	6-14-74	1464
A		C/N 3123 - ADDED 'SLO-BLO' TO FUSE, DELETED C23	7-29-74	20
B		C/N 3167 - CHANGED LI FROM 75 TO 47μH	8-14-74	21
C		C/N 3696 - ADDED NOTES 10 & 11 (D91) P-1-81	1-8-81	24 & B
D		C/N 3687 - REV. PER C/N	7-4-82	25

DESIGNATION	TYPE OR CCC PART NO	DESCRIPTION	POWER Vcc (GND)	FINS (GND)
U1, U2	KH8918B	HIGH CURRENT DRIVER	-	8
U3, U4	14584B	HEX SCHMITT TRIGGER	14	7
U9, U10	KGW1918A	DIODE NETWORK (7) DIP	-	-
VR1	LM317K	VOLTAGE REGULATOR	-	TO-3

- NOTES:
- CMOS DEVICES CALLED OUT IN THE ABOVE TABLE ARE (4000B) SERIES.
 - UNLESS OTHERWISE SPECIFIED:
 - ALL DISCRETE RESISTORS ARE ± 5% TOLERANCE, 1/2 WATT.
 - ALL RESISTOR NETWORKS ARE ± 2% TOLERANCE, 140 mW MAX., EACH RESISTOR.
 - ALL CAPACITORS ARE RATED IN MICROFARADS AND ARE 0.1 50VDC, ± 10% TOLERANCE.
 - ALL DIODES ARE TYPE 1N400Z.
 - ALL CAPACITORS ARE NON-POLARIZED EXCEPT C12, C24.
 - SEE 'SPARE SECTIONS OF COMPONENTS' FOR UNUSED SPARES.
 - SEE PARTS LIST PL6314 FOR COMPLETE INFORMATION.
 - THE DESIGNATIONS SHOWN WITHIN THE SYMBOLS ARE SHOWN SCREENED OFF.
 - LAST REFERENCE DESIGNATION USED: C24, CR14, VR1, R14, U10, F1, L1, P1, E2, J10, K10, PIN 82. DESIGNATION NOT USED: R13, C23.
 - ALL STRESS VALUES ARE SHOWN IN PARENTHESIS. STRESS VALUES LESS THAN 50 mW ARE NOT SHOWN.
 - JUMPERS W1 THRU W10 ARE ON 6N314-3 ONLY.
 - FOR 6N314-3, R14 VALUE IS 10K. FOR 6N314-2, R14 VALUE IS 3K.
 - DS1 IS CONNECTED FROM TP-E1 TO TP-E2 ON MODULE 6N314-2 ONLY.

ENGINEERING DOCUMENT CONTROL
APR 12 1988
RECEIVED

THE FOLEY EDSON COMPANY
NUCLEAR FACILITY ENGINEERING
DOCUMENT REVIEW

1. WORK MAY PROCEED.
2. REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED.
3. REVISE AND RESUBMIT WORK MAY NOT PROCEED.
4. REVIEW NOT REQUIRED. WORK MAY PROCEED.
PERMISSION TO PROCEED ON THIS DOCUMENT DOES NOT RELIEVE SUPPLIER FROM FULL COMPLIANCE WITH P.D. CONTRACT SPECIFICATION REQUIREMENTS.

BY: *MRA*
DATE: 5-18-88
CONTROL NUMBER:

E-30AQ-027-1

ITEM NO.	ITEM DESCRIPTION	NOMENCLATURE OR IDENTIFYING NO.	QTY	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTE	REMARKS
1	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES						
2	1/16" ± .001						
3	1/32" ± .001						
4	3/64" ± .001						
5	1/8" ± .001						
6	3/16" ± .001						
7	1/4" ± .001						
8	5/16" ± .001						
9	3/8" ± .001						
10	1/2" ± .001						
11	5/8" ± .001						
12	3/4" ± .001						
13	7/8" ± .001						
14	1" ± .001						
15	1 1/8" ± .001						
16	1 1/4" ± .001						
17	1 3/8" ± .001						
18	1 1/2" ± .001						
19	1 3/4" ± .001						
20	2" ± .001						
21	2 1/8" ± .001						
22	2 1/4" ± .001						
23	2 3/8" ± .001						
24	2 1/2" ± .001						
25	2 3/4" ± .001						
26	3" ± .001						
27	3 1/8" ± .001						
28	3 1/4" ± .001						
29	3 3/8" ± .001						
30	3 1/2" ± .001						
31	3 3/4" ± .001						
32	4" ± .001						
33	4 1/8" ± .001						
34	4 1/4" ± .001						
35	4 3/8" ± .001						
36	4 1/2" ± .001						
37	4 3/4" ± .001						
38	5" ± .001						
39	5 1/8" ± .001						
40	5 1/4" ± .001						
41	5 3/8" ± .001						
42	5 1/2" ± .001						
43	5 3/4" ± .001						
44	6" ± .001						
45	6 1/8" ± .001						
46	6 1/4" ± .001						
47	6 3/8" ± .001						
48	6 1/2" ± .001						
49	6 3/4" ± .001						
50	7" ± .001						
51	7 1/8" ± .001						
52	7 1/4" ± .001						
53	7 3/8" ± .001						
54	7 1/2" ± .001						
55	7 3/4" ± .001						
56	8" ± .001						
57	8 1/8" ± .001						
58	8 1/4" ± .001						
59	8 3/8" ± .001						
60	8 1/2" ± .001						
61	8 3/4" ± .001						
62	9" ± .001						
63	9 1/8" ± .001						
64	9 1/4" ± .001						
65	9 3/8" ± .001						
66	9 1/2" ± .001						
67	9 3/4" ± .001						
68	10" ± .001						
69	10 1/8" ± .001						
70	10 1/4" ± .001						
71	10 3/8" ± .001						
72	10 1/2" ± .001						
73	10 3/4" ± .001						
74	11" ± .001						
75	11 1/8" ± .001						
76	11 1/4" ± .001						
77	11 3/8" ± .001						
78	11 1/2" ± .001						
79	11 3/4" ± .001						
80	12" ± .001						

CONSOLIDATED CONTROLS CORPORATION
SCHAUMBURG, ILL. 60196
TEL: 312/346-1000

SCHMITT 3-4-80
CHECKED BY: *[Signature]*
DATE: 6-10-80
DRAWN BY: *[Signature]*
DATE: 6-10-80
MATERIAL: *[Signature]*
DATE: 6-10-80

6N314 9144
F 02750 SGN314
SCALE: 1/8" = 1"