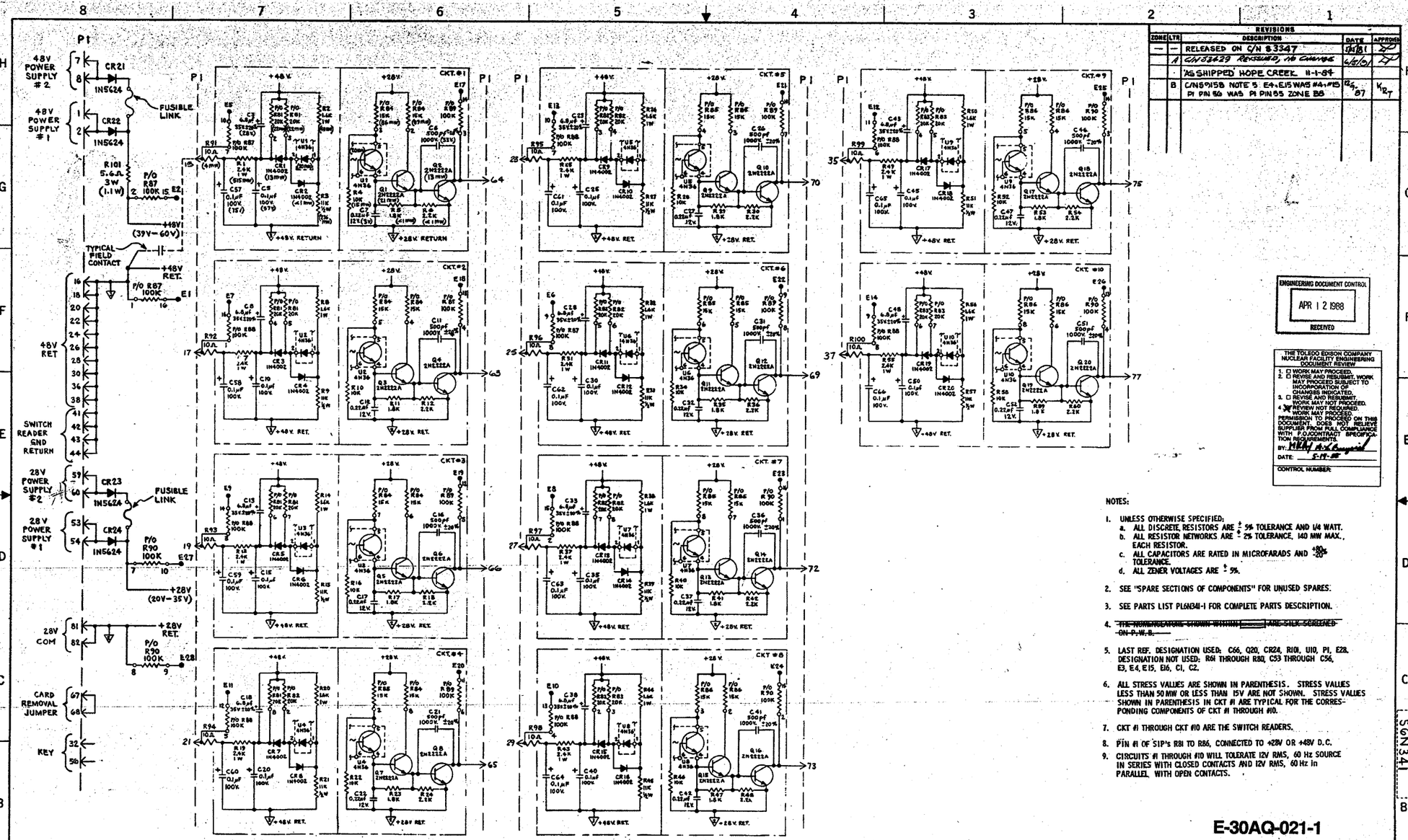

ZONE	LTR	REVISIONS DESCRIPTION	DATE	APPROVED
—	—	RELEASED ON C/N #3347	1/18/81	
	A	C/N 33429 REISSUED, NO CHANGE	6/2/81	
		'AS SHIPPED' HOPE CREEK 11-1-84		
	B	C/N 59158 NOTE 5 E4, E15 WAS #4, #15 PI PIN 56 WAS PI PIN 55 ZONE B8	8/4/87	

ENGINEERING DOCUMENT CONTROL
APR 12 1988
RECEIVED

THE TOLEDO EDISON 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.

REVIEWER'S ACCEPTANCE OF THIS DOCUMENT DOES NOT RELIEVE SUPPLIER FROM ALL COMPLIANCE WITH P.O./CONTRACT SPECIFICATION REQUIREMENTS.

BY: HRM A.K. Bergwell
DATE: 5-19-88
CONTROL NUMBER:

NOTES:

1. UNLESS OTHERWISE SPECIFIED:
   a. ALL DISCRETE RESISTORS ARE ± 5% TOLERANCE AND 1/4 WATT.
   b. ALL RESISTOR NETWORKS ARE ± 2% TOLERANCE, 140 MW MAX., EACH RESISTOR.
   c. ALL CAPACITORS ARE RATED IN MICROFARADS AND +80% −20% TOLERANCE.
   d. ALL ZENER VOLTAGES ARE ± 5%.
2. SEE "SPARE SECTIONS OF COMPONENTS" FOR UNUSED SPARES.
3. SEE PARTS LIST PL6N341-1 FOR COMPLETE PARTS DESCRIPTION.
4. ~~THE NOMENCLATURE SHOWN WITHIN [ ] ARE SILK SCREENED ON P.W.B.~~
5. LAST REF. DESIGNATION USED: C66, Q20, CR24, R101, U10, P1, E28. DESIGNATION NOT USED: R61 THROUGH R80, C53 THROUGH C56, E3, E4, E15, E16, C1, C2.
6. ALL STRESS VALUES ARE SHOWN IN PARENTHESIS. STRESS VALUES LESS THAN 50 MW OR LESS THAN 15V ARE NOT SHOWN. STRESS VALUES SHOWN IN PARENTHESIS IN CKT #1 ARE TYPICAL FOR THE CORRESPONDING COMPONENTS OF CKT #1 THROUGH #10.
7. CKT #1 THROUGH CKT #10 ARE THE SWITCH READERS.
8. PIN #1 OF SIP's R81 TO R86, CONNECTED TO +28V OR +48V D.C.
9. CIRCUITS #1 THROUGH #10 WILL TOLERATE 12V RMS, 60 Hz SOURCE IN SERIES WITH CLOSED CONTACTS AND 12V RMS, 60 Hz IN PARALLEL WITH OPEN CONTACTS.

E-30AQ-021-1

QTY REQD FOR EACH NO.	ITEM NO.	NOMENCLATURE OR DESCRIPTION	DWG SIZE	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTE	REMARKS

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
.X ±.02 .XX ±.01 .XXX ±.005 ∠ 1/2°
FRACTIONS ±
ALL BACK SURFACES √ 250
DRILL HOLES PER ANSI B94.11
BURRS & SHARP EDGES PER ASA B5.1
45° CHAMFER FIRST THREAD
TOLERANCES PER ANSI 1973
DOWL TOL APPLY TO STOCK SIZES

MATERIAL:
FINISH:

DRAWN R. SCHMITT 5-11-81
CHECKED 5-15-81
ENGR. 5-15-81
DELEGATED 5-15-81

CONSOLIDATED CONTROLS CORPORATION
BETHEL, CONN. EL SEGUNDO, CALIF.

SCHEMATIC
FIELD BUFFER

SIZE	CODE IDENT NO.	
F	02750	S6N341

SCALE ~ WT. ~ SHEET 1 OF 1

6N341	9N64
NEXT ASSY	USED ON
APPLICATION	