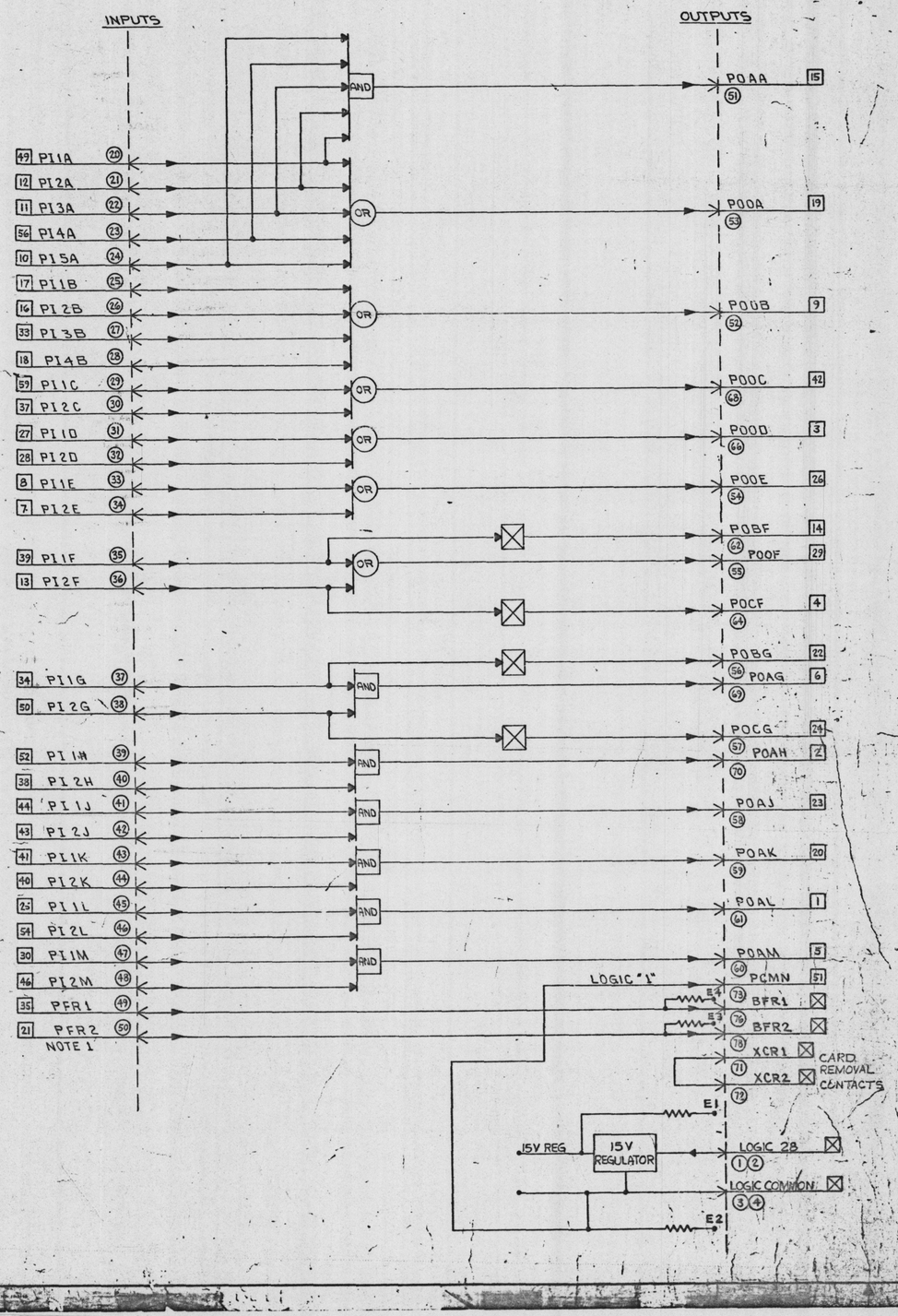
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	-	RELEASE ON C/N N8130	10-8-76	KSC
	A	C/N N8732 - REV'D & UP-DATED	2-9-76	KSC
	B	C/N N9243 - REV'D & UP-DATED	7/14/76	KSC
	C	C/N S95 TESTPOINTS "E" WERE "T." ADDED NOTES 3 & 4 AND ALL DESIGNATIONS FOR INPUT/OUTPUT TB & PC RECEPT. PINS; IN NOTE 2, "E" WAS "T" Added Note 5	12-7-76	



NOTES:

1. BFR1, BFR2 PERMIT OUTPUT RELAYS TO BE DRIVEN FROM THE BACKPLANE WHEN A UMM OR TDM CARD (SEE KFW2316) IS INSERTED IN AN LEC BIN. BFR1 AND BFR2 CANNOT BE USED IN THIS MANNER WHEN AN LEC IS INSERTED, SINCE LEC'S HAVE BUILT-IN DRIVERS. (SEE KFB2316)
2. "E" DESIGNATES TESTPOINT ON CARD FRONT, ACCESSIBLE WHEN FRONT CABINET DOOR IS OPEN. TEST POINTS ARE ISOLATED WITH RESISTORS.
3. PROGRAM PANEL TERMINAL BLOCK TERMINAL NUMBERS ARE DESIGNATED THUS [17]; PRINTED CIRCUIT HEADER PIN NUMBERS ARE DESIGNATED THUS (42); THE SIGNALS WHICH DO NOT GO TO THE PROGRAM PANEL ARE DESIGNATED THUS ☒.
4. UNUSED INPUTS BEHAVE AS LOGIC "0".
5. ALL OUTPUTS ARE BUFFERED BY DRIVER CIRCUITS

POOR ORIGINAL

APERTURE CARD

APPROVED
This approval does not relieve the Contractor from his part of the responsibility for the correctness of design, details and dimensions.
TENNESSEE VALLEY AUTHORITY
Date MAR 16 1977

PROJECT BELLEFONTE NP
CONTRACT TVA-75550
DRAWING NO. KFM 2316
SHEET 1 REV C UNIT 152

QTY REQD FOR DASH 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 ±.03 XX ±.008 XXX ±.005 ANGLES ±1/2°
FRACTIONS ±
ALL MACH. SURFACES 125 MIN.
DRILL HOLES PER ANSI 0397
BURRS & SHARP EDGES PER JEL315
.48" CHAMFER FIRST THREAD
TOLERANCES PER ANSI 1973
COMM. TOL APPLY TO STOCK SIZES

DRAWN R. QUERY
CHECKED K.M. TARRANT 10-25-76
ENGR D. Dalal 10-27-76
RELEASED K.M. Tarrant 10/28/76

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

FOR BELLEFONTE NUCLEAR PLANT UNIT 1 & 2
CONTRACT NO. TVA-75550
TENNESSEE VALLEY AUTHORITY

LOGIC DIAGRAM
UNIVERSAL MISCELLANEOUS MODULE (UMM)

SIZE F | CODE IDENT NO. 02750 | KFM 2316

SCALE | WT. LBS | SHEET 1 OF

SGN190 | 9-4-190
SENT ASSY | SHLD SHT
APPLICATION | MATERIAL | FINISH

Docket # 50-438
Control # 8202080064
Date 8/20/82 of Document
REGULATORY DOCKET FILE