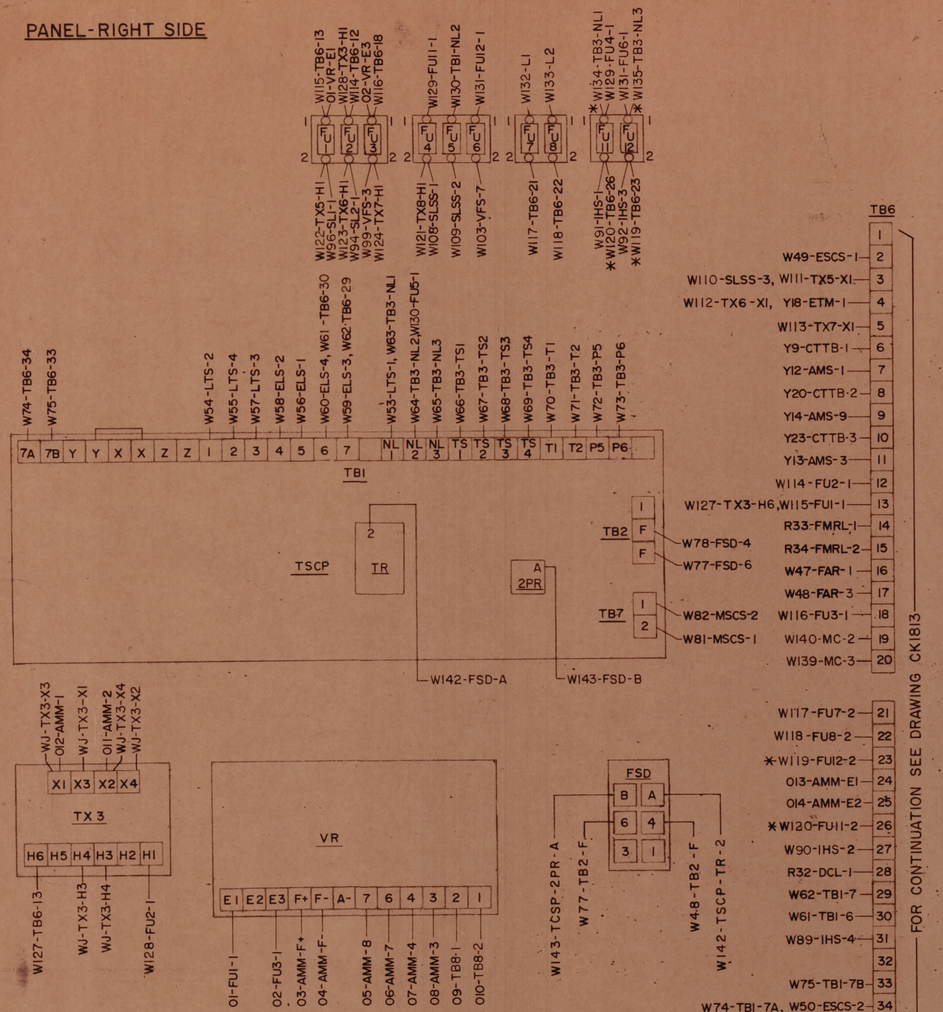
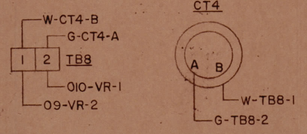
REVISIONS					
ZONE	LTR	DESCRIPTION	DATE	DRAFT	CHK'D	APP'D

PANEL-RIGHT SIDE



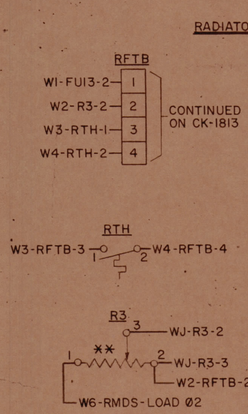
PANEL-LEFT SIDE



LEGEND

AM——AMMETER
AMM——AUTOMATIC MANUAL MODULE
AMS——AMMETER SWITCH
CTI-3——CURRENT TRANSFORMER
CT4——CROSS CURRENT COMPENSATING TRANSFORMER
CTTB——CURRENT TRANSFORMER TERMINAL BLOCK
DCL——DC CONTROL INDICATOR LIGHT
ELS——EXTENDED LOAD STOP PUSHBUTTON
ELTL——EXTENDED LOAD TEST LIGHT
ESCS——EMERGENCY STOP AND CONTROL CUT-OUT SWITCH
ETM——ELAPSED TIME METER
FAR——GOVERNOR CONTROL RHEOSTAT
FM——FREQUENCY METER
FMRL——RADIATOR FAN MOTOR RUNNING LIGHT
FSD——FREQUENCY SENSING DEVICE
FU——FUSE
IHS——IMMERSION HEATER SWITCH
LTS——LOAD TEST PUSHBUTTON
MC——RADIATOR FAN MOTOR CONTACTOR
MSCS——MANUAL SYNCHRONIZING CONTROL SWITCH
NLTS——NO LOAD TEST START PUSHBUTTON
R6,7——RESISTOR
SLI,2——SYNCHRONIZING LIGHT
SLSS——SYNCHRONIZING LIGHTS / SYNCHROSCOPE SWITCH
SPB——SYNCHRONIZING PUSHBUTTON
SS——SYNCHROSCOPE
TB——TERMINAL BLOCK
TS——TRANSFER SWITCH
TSCP——TRANSFER SWITCH CONTROL PANEL
TX——TRANSFORMER
VFS——VOLTMETER / FREQUENCY METER SELECTOR SWITCH
VM——VOLTMETER
VMS——VOLTMETER SWITCH
VR——VOLTAGE REGULATOR
TR——TRANSFER RELAY
2PR——POTENTIAL RELAY

RADIATOR FAN WIRING



FU——FUSE
R3——RESISTOR
RFTB—RADIATOR FAN TERMINAL BLOCK
RTH——RADIATOR THERMOSTAT
RMDS—RADIATOR MOTOR DISCONNECT SWITCH

* NO. 8 AWG
** ADJUST FOR 70K OHMS

QTY REQ	QTY REQ	QTY REQ	ITEM	PART NO.	MANUFACTURER	DESCRIPTION	SYM

PARTS LIST

	AX-730
NEXT ASSY	USED ON
APPLICATION	

INTERPRET DRAWING PER LISTED DOCUMENTS

DIMENSIONING MIL-STD-8
SURFACE ROUGHNESS MIL-STD-10
ABBREVIATIONS MIL-STD-12
ELECTRONIC SYMBOLS MIL-STD-15
WELDING SYMBOLS JAN-STD-19

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES
REMOVE ALL BURRS AND SHARP EDGES

TOLERANCES ON
FRACTIONS ANGLES DECIMALS

MATERIAL

FINISH

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DRAWN	FERNANDEZ	DATE 1/23/72
CHECKED	E.A.B.	DATE 6 Feb 73
D. ENG.		DATE
P. ENG.	E.R. Thane	DATE 6 Feb 73
P. MGR.		DATE
CHIEF ENG. DEPT.	R. Emerick	DATE 6 Feb 73
QA	W. Lee	DATE 6-25-73
FAA GRO	G. White	DATE 6-26-73

THE TMC SYSTEMS AND POWER CORPORATION
SPRINGFIELD, VIRGINIA

WIRING DIAGRAM AC CONTROL CABINET 277/480VAC

SIZE	CODE IDENT NO	DWG. NO.	REV
D	24146	CK1809	D
SCALE NONE		SHEET 2 OF 2	