

ACTUAL SIZE OF NAMEPLATE 12.5" x 18.0"

REDESIGNED AND REMANUFACTURED BY

SOUTHWEST
OKLAHOMA CITY,



ELECTRIC CO.
OKLAHOMA, USA

POWER TRANSFORMER SWE. R.O. NO. 9909401227
VIRGINIA POWER REFERENCE NO. 3207

THREE PHASE 60 HERTZ 75°C RISE CLASS OA/FA/FA
VOLTAGE RATING: 25000-7200Y/4160 TERTIARY 7200Y/4160

H-KVA RATING: 25200/33600/42000

X-KVA RATING: 12600/16800/21000

Y-KVA RATING: 12600/16800/21000

REMFG. DATE: _____

H - X IMPEDANCE: _____ % 25000-7200Y VOLTS AT 12.6 MVA

H - Y IMPEDANCE: _____ % 25000-7200Y VOLTS AT 12.6 MVA

X - Y IMPEDANCE: _____ % 7200Y-7200Y VOLTS AT 12.6 MVA

H - X & Y IMPEDANCE: _____ % 25000-7200Y VOLTS AT 25.2 MVA

CAUTION:

THE TRANSFORMER MUST NOT BE ENERGIZED FROM ANY
VOLTAGE SOURCE WHEN THE "TAP CHANGER FOR
DE-ENERGIZED OPERATION" IS OPERATED.

ORIGINALLY MANUFACTURED IN 1973 BY
MOLONEY TRANSFORMER SERIAL NO. P720245
REFER TO MOLONEY TRANSFORMER INSTRUCTION BOOK
BEFORE ENERGIZING THE TRANSFORMER

HIGH VOLTAGE CONNECTIONS				
VOLTS	TAP CHANGER FOR DE-ENERGIZED OPERATION		DIAL POSITION	
	AMPS AT 40000 KVA	POS.	CONNECTS	
26250	880	1	4 TO 5	11 TO 12 18 TO 19
25625	901	2	3 TO 5	10 TO 12 17 TO 19
25000	924	3	3 TO 6	10 TO 13 17 TO 20
24375	947	4	2 TO 6	9 TO 13 16 TO 20
23750	972	5	2 TO 7	9 TO 14 16 TO 21

BASIC INSULATION LEVELS	
ITEM	BIL-KV
H1 - H2 - H3	150
X1 - X2 - X3 - X0	95
Y1 - Y2 - Y3 - Y0	95

APPROXIMATE WEIGHTS IN POUNDS	
UNTANKING:-----	53850
TANK & FITTINGS:-----	30725
OIL:(3240 GAL.)-----	24300
TOTAL:-----	108875

ACTUAL SHIPPING WEIGHT: **89670**

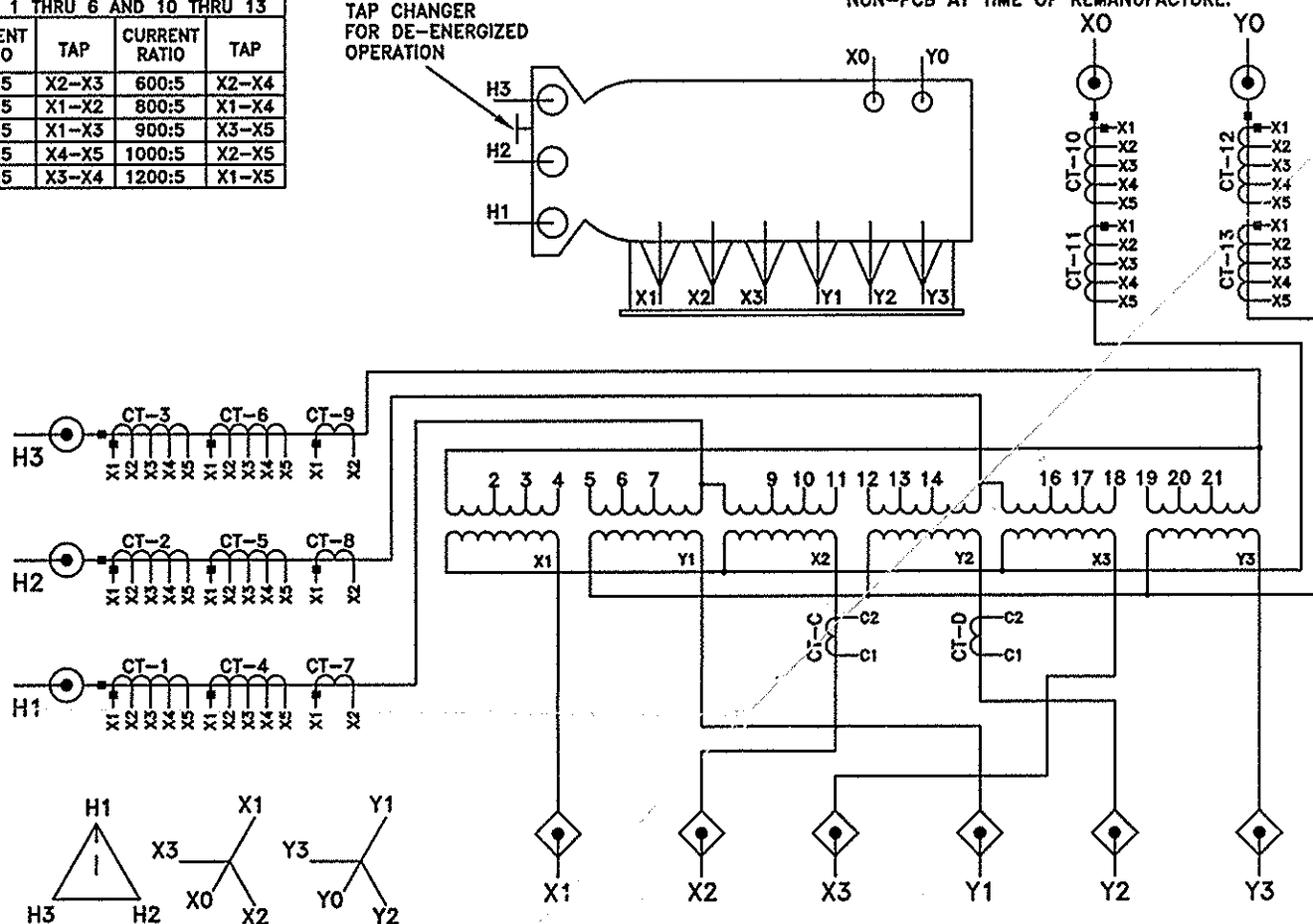
X WINDING CONNECTIONS	
VOLTS	AMPS AT 20000 KVA
7200Y	1603

Y WINDING CONNECTIONS	
VOLTS	AMPS AT 20000 KVA
7200Y	1603

BUSHING CURRENT TRANSFORMERS 7,8,9 ARE SINGLE RATIO AT 30000:5 AMP
CT-C, CT-D ARE C-25 20000:5 AMP, FOR USE WITH WINDING TEMPERATURE EQUIPMENT

1200:5 AMP MULTI-RATIO CT			
CT'S 1 THRU 6 AND 10 THRU 13			
CURRENT RATIO	TAP	CURRENT RATIO	TAP
100:5	X2-X3	600:5	X2-X4
200:5	X1-X2	800:5	X1-X4
300:5	X1-X3	900:5	X3-X5
400:5	X4-X5	1000:5	X2-X5
500:5	X3-X4	1200:5	X1-X5

TAP CHANGER
FOR DE-ENERGIZED
OPERATION



THE 25°C LIQUID LEVEL IS 11.25 INCHES BELOW THE
HIGHEST POINT OF MANHOLE FLANGE SURFACE.
LIQUID LEVEL CHANGES 0.94 INCHES PER 10°C CHANGE
IN LIQUID TEMPERATURE.

OPERATING PRESSURES ARE 0.75 PSI POSITIVE AND
0 PSI POSITIVE.

TANK IS DESIGNED TO WITHSTAND FULL VACUUM.

ALL WINDINGS ARE COPPER CONDUCTOR WITH
NOMEX(TM) INSULATION.

NON-PCB AT TIME OF REMANUFACTURE.

REV	DESCRIPTION	BY	REL. DATE	ENGR	J. CLANCY	05/18/00	SCALE: NTS	MOL045NP	SHT. 1 OF 1
2	UPDATED RATINGS FROM 24/32/40 MVA	BIF	07/21/00	TASK	BY	DATE			
1	CORRECTED VECTOR DIAGRAM	GN	05/15/00	DRAWN	G. NIX	05/15/00			
0	INITIAL RELEASE	GN	05/15/00	CHECKED	S. TROSPER	05/17/00			

NAMEPLATE
DRAWING

SOUTHWEST ELECTRIC CO.
OKLAHOMA CITY, OK

REVISIONS TO THIS DRAWING MUST BE MADE ON THE CAD SYSTEM ONLY

R.O. NO. 9909401227
REWORK NO. _____

TOLERANCES UNLESS OTHERWISE SPECIFIED
FRACTIONAL ±1/16"
TWO PLACE ±0.05
THREE PLACE ±0.005
ANGULARITY ±0.5°

CUSTOMER NAME
VIRGINIA POWER

SIZE
DRAWING NO. B MOL045NP-01

DATE
05/15/00

BY
G. NIX

ENGR
S. TROSPER