Received New 10/21/85 PWC # 000596

POWER TRANSFORMER

CLASS	OA/FA	3-PHASE	60 HZ	SER. NO.	A6719	
MVA	20/26.67		CONT. TEMP. RISE			55°C
MVA	22.4/29.87		CONT. TEMP. RISE			65°C
HV	67000		VOLTS	BIL	350	KV
LV	13090Y/7560		VOLTS	BIL	110	KV
LV NEUTRAL				BIL	110	KV
IMPEDANCE	7.24 % AT	67000 – 13090	VOLTS	AND	20	MVA

BUSHING CURRENT TRANSFORMER MULTI-RATIO ACC. CLASS C400 CT: A,B,C,G			
CURRENT RATIO	TAP	CURRENT RATIO	TAP
50:5	X2-X3	300:5	X2-X4
100:5	X1-X2	400:5	X1-X4
150:5	X1-X3	450:5	X3-X5
200:5	X4-X5	500:5	X2-X5
250:5	X3-X4	600:5	X1-X5

BUSHING CURRENT TRANSFORMER MULTI-RATIO ACC. CLASS C400 CT: D,E,F			
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

BUSHING CURRENT TRANSFORMER
CT: W FOR WINDING TEMP. EQUIP.
1400:5 RATIO

LOW VOLTAGE	
VOLTS L-L	AMPS AT 29.87 MVA
13090	1317

FOR STEP DOWN OPERATION

HIGH VOLTAGE TAPCHANGER DEENERGIZED OPERATION			
VOLTS L-L	AMPS AT 29.87 MVA	POS	CONNECTS
70600	244	A	3 - 4
68800	251	B	4 - 2
67000	257	C	2 - 5
65200	265	D	5 - 1
63400	272	E	1 - 6

OIL LEVEL BELOW TOP SURFACE OF THE HIGHEST POINT OF THE HIGHEST MANHOLE FLANGE AT 25°C IS 16.2 INCHES.
OIL LEVEL CHANGES 0.8 INCHES PER 10°C CHANGE IN OIL TEMPERATURE.
OPERATING PRESSURE OF OIL PRESERVATION SYSTEM IS 8 PSI POSITIVE TO 3 PSI NEGATIVE.
TANK DESIGNED FOR 10 PSI POSITIVE AND FULL VACUUM FILLING.
INSTRUCTION BOOK NO. A6719

APPROXIMATE WEIGHTS		LBS.
CORE & COIL (UNTANKING WEIGHT)		40,200
TANK, FITTINGS & RADIATORS		23,600
RADS. (BOLT ON)	8,000 LBS.	
OIL-MAIN TANK	2,460 GALS.	
OIL-RADIATORS	500 GALS.	
OIL-TOTAL	2,960 GALS.	22,200
TOTAL WEIGHT		86,000

RTE ASEA
Waukesha, Wisconsin

951012R0263

300 mm

OIL IN TRANSFORMER IS INHIBITED

YES ☐ NO ☒

CUSTOMER: PUBLIC WORKS COMMISSION - FAYETTEVILLE

CUSTOMER ORDER NO.: 292615

RTE-ASEA ORDER NO.: 801-6719

POWER TRANSFORMER

CLASS	OA/FA	3-PHASE 60 HZ
MVA	20/26.67	CONT. TEMP. RISE 55° C
MVA	22.4/29.87	CONT. TEMP. RISE 65° C
HV	67000	VOLTS
LV	13090Y/7560	VOLTS

AUG 1983
RECEIVED
P. W. C.

APPROXIMATE WEIGHTS		LBS
CORE & COIL (UNTANKING WEIGHT)		40200
TANK, FITTINGS, RADIATORS		23600
RADIATORS (BOLT ON)	8000 LBS	
OIL-MAIN TANK	2460 GALS	
OIL-RADIATORS	500 GALS	
OIL-TOTAL	2960 GALS	22200
TOTAL WEIGHT		86000
SHIPPING WEIGHTS	WITHOUT OIL	WITH OIL
SHIPPING UNIT	54400	74500
SHIPPING PARTS	9400	11500
SHIPPING TOTAL	63800	86000

REVISIONS

RTE-ASEA CORPORATION WAUKESHA, WIS

OUTLINE PWC #596

ALL DIMENSIONS ARE IN INCHES

DWN 6-28-83 MJW | CHK 6-29-83 DDM | APPD

SHEET 1 OF 1 | A6719T090183 X