[redacted]

RATING Type OA/FA-T 3 Phase 60 Cycle 7500/9375 Kva

	Winding (1)	Winding (2)	Winding (3)
Volts	67000	13800Y/7970	
Kva.	7500/9375	7500/9375	

Taps SEE NP-809C216

[redacted]

Transformer dis-2

CHARACTERISTICS

Losses, efficiencies and regulations are based on wattmeter measurements and, unless otherwise stated, on normal rating.
For three phase transformers the resistances given are the sum of the three phases.

[redacted]

Resistance at 75 C (1)	(2)	(3)	NO LOAD LOSS WATTS AT 100% VOLTAGE	% EXCIT. CURRENT AT 100% VOLTAGE	67 Kv To 13.8 Kv 7500 Kva LOAD LOSS WATTS 75 C	% IMP. 75 C	Kv To Kv Kva LOAD LOSS WATTS 75 C	% IMP. 75 C	Kv To Kv Kva LOAD LOSS WATTS 75 C	% IMP. 75 C
19.48	.2306		11718	.49	54098	7.62				
19.38	.230		11340	.46	53953	7.67				
19.70	.232		11269	.49	54600	7.64				
19.62	.231		11429	.50	54642	7.60				
19.55	.236		12478	.49	55266	7.64				
19.53	.236		12537	.54	54961	7.59				
19.54	.2326		11795	.495	54587	7.63				
						7.50				

Total Loss Watts 75 C | Test AVG 66215 | Guarantee

	EFFICIENCIES AT 75C 100% P.F					REGULATION AT 75 C				
	Load	Full Load	¾ Load	½ Load	Load		100% P.F	P.F	80% P.F	% P.F
AVERAGE		99.12				AVERAGE	1.04		5.30	
GUARANTEE						GUARANTEE				

TEMPERATURE RISE

Average ultimate temperature rise at rated frequency in deg C corrected to instant of shutdown of Serial No._____
Transformers connected (1)_____ V. (2)_____ V. (3)_____ V.
with windings loaded (1)_____ Line Amp. (2)_____ Line Amp. (3)_____ Line Amp.

RISE OF WINDINGS BY RESISTANCE (1)	(2)	(3)	*GUAR.	TOP OIL RISE	AMBIENT TEMP. INCOMING WATER	AMBIENT TEMP. IDLER OR ROOM	RISE	WATER GAL PER MIN. Test	WATER GAL PER MIN. Guar.	WATER LB. PRESSURE Test	WATER LB. PRESSURE Guar.	OIL FOR TYPE FO GAL. PER MIN. Test	OIL FOR TYPE FO GAL. PER MIN. Guar.
			55										

TEMPERATURE RISE BY RESISTANCE 52.25 AS DETERMINED FROM BASIC DESIGN DATA OBTAINED FROM THERMALLY SIMILAR TRANSFORMERS.

*The temperature rise guarantee was based on an altitude not exceeding 3300 ft. (1000 meters)

DIELECTRIC TESTS

	VOLTAGE OF WINDING TESTED	TEST VOLTAGE APPLIED	DURATION IN SECONDS
Applied voltage tests applied between each winding and all other windings connected to the core and ground.	63400	140 KV	60
	12506	34 KV	60

Induced voltage test 2 times rated voltage across full winding at 300 cycles per second for 7200 cycles

[redacted]