CA-22 (a) Attachment A

Substation Inspection forms for Rattling Brook and St. Georges Substations

Rattling Brook Inspection

10/25/02	08:	59	FAX	709	651	6665	5
10/25/02	FRI	07	; 55	FAX	709	653	2652

NF POWER GANDER
NORRIS ARM NF POWER

→ ENERGY SUPPLY

Ø1002

Routine Substation Inspection Substation: RBK Completed By: TH. BH Please X if satisfactory **Building & Accessories** Lighting A.C. / D.C. Hard hats Humus tollet Heaters First ald kit Housekeaping Telephone(s) with directories Panel A.C. / D.C. Wall Garbage can Ν Fire-break doors Hot line gloves Spare power fuses Remarks: Battery & Battery Charger Liquid level in cells Eye wash Neutralite Float voltage Battery cleanliness Eye wash explry date Euszika voltage Ground test Charger corrent Hydrometer, apron, and googles Pllot call S.P.G. Pliot call temperature Remarks: __ Equipment in Yard Breakers closed and springs charged [区区 Oli leaks Electronic Reclosers; Ground Bleed ocimpressor tanks Lubrication trip block switch, lockout Compressor beits X Switch blades Indicating lamp, battery test, Oil levels (all) \boxtimes $\overline{\mathbf{X}}$ Potheads and cables heater & spare fuses. Heaters 凶 Hinges, hasps, latches and handles X Westlinghouse recloser; Silica gel M Physical condition of equipment Block reciose switch in Gas detectors X Metering Tank mechanism compartment 区 Metering cabinet Westinghouse reclosers & O.C.B.; Pressure relief dev indicator buttons П Recloser and feeder breakers in Relay targets & Indicating lamps X Relief vent diaphraoms X "Reciose" Tapchangers automatic Glass in gauges, etc. 区 Ground trip blocking switches X \times Voltage regulators Bushings and insulators X Recloser meters Equipment identification Foundations Equipment grounding X Remarks: Indoor Switchgear & Control Panels Control panel lamps Check for excessive heating. Relay targets Elevating motors, racking handles unusual noises or other Breakers closed and springs charged and dollles in holders on wall abnormal conditions \Box Cubicle heaters Equipment Identification Remarks:

10/25/02 08:59 FAX 709 651 6665 NF POWER GANDER 10/25/02 FRI 07:55 FAX 709 653 2652 NF POWER GANDER

→ ENERGY SUPPLY

2003 2002

	e <u> </u>	C				•		
Transformer		Winding Temperature C Olf Temperature C						
I.D. No.	<u>Designatio</u> n	Mln.	Max.	Present	Min.	Max.	Presen	
	RBK-TI			30	·			
	RBK-T2		tanilla elle entre	34				
	RB4-TL	. —	30_	26				
Remarks: 654	CAKATN	T4 Tap	chan	ger				
WINDING					2			
Breaker I.D. No.	Designation	Ga Phase A	is Pressure (p	si) Phase C	<u>Units</u>	Air Pres	saure (psl)	
		-					<u></u>	
								
								
			• '					
Remarks: <u>o T Z</u>	LEAK OF	U IOI	L Lush	1N9 C	PNECY	Philip	POSTA	
oIL e	CAKING.	0N/01	LB OC	Ь		. , , , , , ,		
Cable		-	Pressure (ps	t)				
1.D. No.	<u>Designation</u>	A	В	C	<u>Units</u>			
Remarks:								
	<u>-</u>							
neral Property 🛍	Same esta de acido.	o beste abilit	No common and a common trade			The state of the s	. Freeze van Sulsa	
· •	_	7.5		6-20	ing and specifically		KN95.9	
Sates and locks Felephone in vard		Yard lightle	•	X	Chạck for vai		;	
reisprione in yard Ground sticks and hot st	iicke 🖂	Station ser		 	Oralnage	<u>∑</u>		
Cable trench covers	€	Yard clean	fance grounds	[X] [X]	Crushed stor	- <u> </u>		
4.V. danger signs	<u> </u>	I EU TI CICKU		L	Snow clearin	R 🔽		
,	ON HE	9h SI.	se of	- RBK	-T2 A	PPEAR	to be	
Remarks <u>Leads</u>					,			
Remar ks <u>Leads</u> <u>Łoo Łegh</u> ł	<u> </u>							
demarks <u>Leads</u> ±00 btgh±	<u> </u>							

/25/02 FRI 10:38 FAX 709 64	3 7032 STEPHENVILLE	NF POW	ER	FURM NO 227	2 004	
	•					
NEWF	OUNDLAND LIGHT & F	OWER	CO.	LIMITED		
	MAINTENANCE S	TANDA	RDS			
:						
	•					
CIRCUIT	REAKER MAIN	ITE	NI A	NCE DEDO	7 T	
CHICOTT BI	CANEN WAI	A I C	VA	NCE REPUR	7	
Location:	Switching Function No:			ID:		
ST. GEORGES	STG-4036-B			2102 42 Rated Volts:		
Manufacturer:	Serial No:	Type		Rated Volts:		
Reynile_	LSORT23			2/XZ/An B3KV		
		100		11.2/13/1 33/	<u> </u>	
COMPLETE THE FOLLOWING:	MARK APPROPRIATE BLOCK	Yes.	No	CHECK		
Counter Reading:	Operated: Locally	0		Physical Condition		
Start Finish	Remotely) 0]	Paint Condition		
Dislectric KV	Manually	0	0	Bushines		
Juctor Test (in oil and closed):	Electrically			Bushing Oil Level	-	
1 to 2 Micro-ohms	Position Indicator Operating Property		ם	Line Connections		
3 to 4 Micro-ohms				Conduit		
5 to 6 Micro-ohms	Hold Down Bolts Tight			Control Wiring		
flegger Test (in oil and closed):	Frame Ground Connection Tight			Insulation		
Phase to Phase	Accessible for Inspection			Aux. Switch Contacts	-	
	Evidence of Oil or Gas Leakage			Rélay Contacts	_	
Phase to Ground	Oil Level Sight Glass Cleaned	0		Alarms		
	Oil Filtered		0	Main Contacts	-	
Across Open Contacts	Oil Replaced	0		Arcing Contacts	-	
56.5-2	Mechanism Adjustments Made	0	0	Arc Chutes	-	
F6 Gas Pressure and Amb. Temp.: No. 1 Psi	Mechanism Lubricated All Nuts and Bolts Tight	0 0	00	Blow-out Devices		
1	C.T. Checks: Ratio		<u>.</u>	Interruptars Dashpors		
No. 3 Psi	Continuity	0]	Tank Liners		
Temp°C.	Ground	_	0	Gaskats		
issipation Factor of Bushings:	Polarity	ā	0	Tank Oil Level		
No. 1No. 2	Water Drained from Compressor	0		interiocks	_	
No. 3No. 4	Compressor Oil Checked	□		Terminal Connections		
No. 5 No. 6	Compressor Oil Changed			Heaters and Thermostats	_	
:	Compressor Belt Satisfactory			Pressure Guages	-	
	Compressor Filter Satisfactory			Pressure Switches		
	Air Leskage Setisfactory	0	<u> </u>	Breather	1-	
	Compressor Overhauled	0		Silica Gel	-	
Motion Analyser Test:				Metalciad Lifting Mechanism Metalciad Limit Switches		
Opening ValorityFt, per sec				"Test" and "Operata" Position	ans -	
Closing Velocity Ft. per sec	-			- one dies chaises (partit		
Contact Wipe Inches	Trip Free Time	_Cycles ·		ŧ		
Inches Inches						
	USE OTHER SIDE FOR "REMA	RKS"				
Type of	Date May 12 14 01	Inspe	cted	Do Oche / but		