

DAMAGE FROM ELIGHTNING STORMS

WEATHER REPORT FROM RADIO
STATION FOR THE days during which
ELECTRICAL EQUIPMENT WAS DAMAGED
DUE TO LIGHTNING.

July 1st - heavy cumulus AND
cumulus nimbus. THUNDER STORM OVER
Dawson at 11 a.m. Rain

2nd - heavy cumulus, Rain

30th - STRATUS FRACTUS AND RAIN

SEE STATEMENT No 4. ON
LAST YEARS claim

#8 Thawing
200 HP. Synchronous Motor

July 1st

DAMAGED July 1st

LABOR - 8 hrs

CUT ONE COIL OUT OF WINDING

MATERIAL - 1 - 100 amp Fuse link.

8 - coils

2 - $\frac{3}{4}$ " Varnish Cambric Tape

3 lbs - G. E. Grease

Labour rewind Dec/Jan 1959/60

F. Neumann 18 hrs.

R. Schmitzlag 119 "

Total 145 = \$572.75

Trucking \$9.47

#6 STRIPPING

150 H.P. INDUCTION MOTOR

DAMAGED JULY 1st

CUT OUT 4 COILS

LABOUR ON JULY 2nd

F. NEUMAN - 9 HRS

M. BRUGGER - 9 HRS

MATERIAL - 10 COILS

MOTOR FAILED AGAIN ON JULY 3rd

MOTOR SHIPPED ON JULY 4th

LABOUR REWIND - JULY 5th

F. NEUMAN - 45 HRS

M. BRUGGER - 77 HRS.

TOTAL 122 HRS.

\$481.30

2-TAPE VARNISHED CAMBRIC $\frac{3}{4}$ "

3 lb. G.E GREASE.

Trucking charge 17.00

#10 Stripping

150 H.P. - SYNCHRONOUS MOTOR
DAMAGED JULY 2ND

LABOUR -

F. NEUMAN - 3 HRS.

M. BRUGGER - 3 HRS.

MOTOR SHIPPED ON JULY 3RD

MATERIAL - 6 MOTOR COILS

LABOR REWIND

F. NEUMAN - 34 HRS.

M. BRUGGER - 42 HRS.

TOTAL 76 HRS.

\$ 300.20

Trucking charge 14.26

#10 THAWING

DAMAGED JULY 30

LABOUR - F. NEUMAN 8 hrs
M. BRUGGER 10 ✓

CUT OUT 5 COILS

Material - 14 - coils
2 - Tape Varnish Cores 3/4
3 lb. G.E. Grease

Labour removed. Jan / Feb. 1960

F. Neuman 12 hrs.
R. Schwitzing 108 hrs.

Total 138 hrs.

\$545.10

Trucking \$18.88

DREDGE No. 10

LIGHTNING HIT DREDGE ON
July 30 DESTROYING POTENTIAL
FUSE HOLDERS (TWO)

LABOUR - July 30

F. NEUMAN - 4 hrs.

M. BRUGGER - 6 hrs.

MATERIAL - 2 POTENTIAL FUSE
holder #18X173 - 4442059
3 - FUSES - POTENTIAL

LABOUR - AUG. 3

F. NEUMAN - 3 hrs.

M. BRUGGER - 3 hrs.

\$63.20

FIND DREDGE CLOWN
TIME.

July 30 2.30 hr.
Aug. 3 1.20 "

ditch tender 1.43
Oct 10/60

July 27/60

LIGHTNING hit pole on
DOMINION line. POWER OFF
6.48 p.m. ON - 10.33 p.m.

TEMPORARY REPAIRS

LABOUR - 6 MEN 5 HRS = 30 HRS

D.O.T. AVIATION WEATHER
REPORT.

VERY HEAVY RAIN all day

THUNDER SHOWER BEGAN
AT 5.25 p.m. ENDED 6.55 p.m.

~~410 to pole.~~

~~4 men - 2 hrs. 8 HRS.~~

~~154 pin to 18" pole~~
2 - 1/2" .24" }

1961

LIGHTNING STORM JUNE 15/

INSTALLED 2 - POTENTIAL
TRANSFORMERS in B.C. SUBSTATION

POT. TRANS. 11 SUB.

D. O. T. AVIATION WEATHER
REPORT.

THUNDER 3.15 p.m.

3.48 p.m.

POWER OFF ON B.C. LINE 3.26 p.m.

JUNE 25th

LIGHTNING HIT @ DE 10
ONE potential transformer burnt out.

1962

JUNE 7-

Burnt out one 400 KVA
TRANSFORMER.

1- STATION TYPE lightning
ARRESTORS

1- switch bushing. ✓

JUNE 17th

PARTIAL
REWIND

150 H.P. INDUCTION MOTOR
17 STRIP. SERIAL No. 272343
(7 coils)

1- 200 H.P. - SYNCHRONOUS MOTOR
10 THAW. cut 2 coils

JUNE 24th

1- 200 H.P. - synch motor
10 THAW. cut 2 coils

JUNE 25th

2- 200 H.P. ✓ ✓
6 THAW. cut 4 coils
✓ 3 ✓

JULY - 4

1- 150 induction 16 running
cut out 3 coils.

PARTIAL
REWIND

1- 150 ✓ 17 STRIP
unable to repair in field.
(8 coils) #284347

1962

July 22 - 1-150 H.P.
synchronous motor
15 MINING (motor brought in)

Aug 15 - 1-150 induction
15 MINING (motor changed)

6 Thaw 1-200 H.P. synchro.
motor changed
cumulus nimbus
& cumulus
5 AM to 7 AM. Thunder
and rain showers.

Aug 1 - late afternoon
lost 1-150 H.P.
synchronous - replaced
on Aug. 2. 15 MINING

1964

#9 THAWING

6.45 P.M. JUNE 23rd

200 H.P. SYNCHRONOUS MOTOR
- motor changed.
Serial # Damaged motor #291667

weather report D.Q.T.

4 p.m. - broken cloud
8/10th cloud cover
heavy cumulus and
cumulo nimbus

5 p.m. - same as 4 o'clock

6 p.m. 10/10 cloud cover
scattered fractus cloud
cumulo nimbus
heavy showers SW

7 p.m. - broken cloud 8/10th cover
sky-cumulus 3
cumulo nimbus

heavy showers South
8 p.m. broken condition 7/10
strato cumulus cloud
alto cumulus cloud
cumulo nimbus tops to South

9 Thaw approx. 20 miles
South east. ^{that area.}
very heavy thunder storm repeated from

July 3/64

Lightning hit and destroyed
33,000 volt air switch
bushing 6 Thawing sub.

D. O. T.

10 AM. - Broken cloud heavy
cumulus & cirrus

11 am same

12 ✓ ✓

1 pm ✓

2 ✓ ✓ light rain
showers.

This sub station is
approximately 3 1/2 miles
south east of Dawson.

July 24

Lightning hit 200 synchronous
motor 9 Thaw. late mid afternoon
Serial No. 291467

2 pm. heavy cumulus, cir stratus

3 pm. Heavy cumulus cir stratus

4 pm. stratus fractus, heavy cumulus
alto stratus

5 pm. stratus fractus, nimbus stratus

6 pm stratus fractus, strato cumulus
alto stratus.

July 25

LIGHTNING HIT 200 HP
SYNCHRONOUS MOTOR
9 THAW

approximately 2 p.m.

12 p.m. heavy cumulus, alto cumulus
cirrus

1 p.m. cumulus nimbus, heavy
cumulus cirrus

2 p.m. very light thunder showers, heavy
cumulus, cumulus nimbus

3 p.m. same

4 p.m. same

5 p.m. heavy cumulus cumulus nimbus

July 25

LIGHTNING HIT
SWITCH RACK 6 THAW
DESTROYED Bushing,

same

10th Ave

July 31

8-10





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