1

2

3

4

- Q. [Data] Please provide a copy of all site visit notes associated with any site visits performed by the Company's depreciation consultants, specifically identifying the dates and times associated with the consultant's visual inspection of each specific type of property within the last five years.
- 5
 6 A. Attachment A includes the site visit notes and Attachment B includes the site visit photos
 7 from field trips conducted by the depreciation consultants for the 2010 Depreciation
 8 Study.

Site Visit Notes

Newfoundland Power - FIELD TRIP

Jen 6/11/5010

MEET AT KENNOWIT ROAD (HR Bldg) At 8 AM

Escorted by: Jack CASEY PETER FEEHAN - Supt Elec. Engr.

Stamp's LANE Substation (915 AM) 3 circuits in; 6 out (12.8 KV)

66 KV to 12.5 KV (12.47 KV)

2 Power XFMR (TI + TZ) - Inst 1990 + 1979 (66-12.5)
1 " (For (1-4 KV) -

OCB + SFC breakers in yard (Various Vintages 1973, 1979, 2008 etc)
Pot. XFMR

Modernization of S/W gear + relays (2008)

Relays (Mfgr stop supporting them After 15-20 yes) - spaces hard to

5 /1 at (4.KV)

Battery Room - Bank of batteries for ener backup for equip in bldg.

Pepperrell Substation (10:15 Am) NEAR base in ST. JOHAS

66 KV to 12.5 KV 2-66 KV lines IN / 4-12.5 KV links out

1 25 MVA FEDERAL PLONER XFMR (1973)

New Relays and protective devices executly podded

20'x15' Metal Pre Fab Control Bldg-Metal cloud 5/w great

16 L - TRANSMISSION line into Reparrall Sub

Newfoundland Power - FIELD Trip

IKM 6/17/2010 (3)

Mobile Gas Turbine (11.15AM) - 6MW unit

4800 RPM Power Turbine Escorted by JAIK CASEY
JIM DAVIS 1200 Rpn Fenerator

But in 1976; o/H in 2002 in N.S. Evel Tracker chassis repl 1999; track repaired 1799

36V - Battery (DC) Power

2400 KV to 12.5 KV Stap-Up XFMR.

Unit Started each north puo operated for 15-30 minutes

Lunch 1200 PM

SEAL COVE Hydro Plant (120 PM) 3.2 MW Brit 1923
Steel penstock - 55 m (head) -180ft 450 RPM

Located in SERI COVE (So part of Concept. Bay)

Unit 1 - Allis Chalmers (T/F) - Danageo and Repaireo in 2009 Unit 2 - Voith Turbine and W-house generator

NEW control Equip Adad (Alston Allon Bradler (PLC))

FP Dam rehab in 2005; SP Dan rehab in 2008 Spillway - Rehab in 2009; Roof repl 2009

Topsair Hydro Plant (235 PM) 2.6 MW 1931 Built 85 M, -715 ft of head

Located near village of Topspic (So. Part of Conception Bry)

3 Arth Pand Dan-Rehab 2006 Paddy's Pand - Upgraded dam and repl the gate 2893 RPM - T 720 RPM - G

Block Bldg (40'x 50'); Woodston penstock

Hor. FRANCIS Ideal Electric Generator (1983)

		٠.		
-	N	F		1
		-		
~ XE	Z.	 //c	(1	تر

DUFF PLACE		10:30 An
SERVICE CONTON, MER SHOP CA (REGIONAL OP, INC.), BACKUF	n CONTER	parek
Bult 1990		
1) Burwing Yario		
2) Goods - Com		
3) READ SAN E A LA	there are a second of the seco	
3) ROAD SASA FOUR. (27)		****
RALALO BY GARNAT		
4) MATER SHOP	· · · · · · · · · · · · · · · · · · ·	
- SUIN TO HYDRO FOR TESTIAL \$30 / Mostor, Sours SAPA	116 For Ana	
400	0 1	SUBDIVISIONS,
Ped WARRY -> 27 YORKS US MAS	LIB OF W	1000 1
Elever Sinuar Cor Dr		(1-:0.)
Minarry 1 TRAN, BUTON	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	and the same of th
S) MINT SUDY BILL INSENTER		
6) CAM CONTON		· · · · · · · · · · · · · · · · · · ·
7) Monto		
// / Tive		
1) Line Town Program / warmon		
·		
9 (TORE ROOM		
IC)		

BALLUR DIESEL

17 TRANSE 111 Contract Lawres

Tobsau Road

ELRMY
MAINTANAME - RECLOS

JOHN Funter

of Now RECLOSER

2) Schar Ration

Burum/--> 1925, 19505

3) TRANSFORMES

4 mar too

5) TEST GAR

6) 000 Brancois & 016 Ficed > 2 time 165

An Garle By 2004 is fatouloso to 2018

CONTROL CANTER

TOPSAM KIND

sporade of Francisco

Control

2) Bright

3) EER MAINT BUILDING

12 MW -1950,

CIM OWALS WASER?

LITTERINAN OVER SALE W/ CIM (BOOK US MARILIS VALLE)

Z DAMC

1) Sworldyno

2) TURSING - GODDINGON

a) (6N TOC) (GROWING ELECTRONICA L. CA

1) PHONE (Chicinal Electronicum)

5) SCADA 356 MOTHABIAND

Possion - Trasper

Paksour C

PONSTOCK, SURGE TANK

.

ROCKI POND -1942 20.7 / REPLATED NOOD SUBSTITION NOW BILLY TRANSFORMS GENERATOR ROLLING MAIN VALVE CHEHOUSE 1) PERPOTOLE, SWITH YOUR O SUBST. 21 STULTURE 3 Gald HER 4 Survition Son of GOVARDIN NOW GOIN FIN VICTE 6) THE SINT COMPLES DI NOW PLANT GATTELY Marin Coul (Garany 1- 78) Poster De a (W N STON DAY (MORNING. TOL TROUBMISSION

: 	Taxols mission
person of	201 RAMO REDITY 211 -10 130 REPURS -> 19505
	21L Toylar Caltractous
	ALLOCATE SIME (155 + Roove
	HORSE CHOPS
	1) POWERUSE, SUBSTATION - NION TRANSFORMEN
	3) Passon
-	5) trubm (21L)
	6) 212 \$ 202 MARCHE

STAMPS LANE SUBSTATION	9:30 Am
66 W IN ->	POPPI FOUNDAN
12.5 kV or	
4.16 AV (INSIDE BROOMS)	
1) TRANSTORALOW -> YINDAUS 1970	
2) TRANSFORM > 1979	
3) Board (on 1979.	
3) Branon (on) 1979 4) Branon (An) -> INJOH GAS	(SF6) - 1987
2) 66 > 12.5	
6) POBLIAL TRANSFORMS	
2) TM15Firm 1988	
2) TENTOMON . 1573 9) Bromes (11) - 1575	
(o) Brossia (GA) 1993 11) Brossia (GA) 2008	
12 12 5 KV Branns	
19/14) Commis	
B) Fisher more - New	
16) com so conno a 000	No. 10 and 10 an
17) SHERMON -> 4160 ; Barrens,	I-1
) the property	5 of 63

PENDLER (146) (16L) 66-> 12.5 KV (I LINE IN, I OUT) STATION TRANSFORMER - 1977 -71979 Contrac Four 5) Lan Blevi won Granson Constity b) 615 Brown - 2001 1/ Tayon, Brown, S. 9/12.5 h cinta 1000 (1965) 3) DATE NA 4 (INSPECTION NSULATINS 10-15 1/25 020

PORTASLE JUT 6 AN	Jim DAVS
OVERHOULD 1.1 Zon	V.NTADE 1976?
2) Brancos 2) MASTON	AVAD ARAM -) CANADIAN SIPOLITE THUNG
D) (D) Hillah, That's E.	
9 Air JAMAS 3 Goldbyr	
6) GON BOX; LUBE SKM	
6) PLC CONORW	(ottal
1) CO2 SISTEM (FRE 10) CONTRUS 11) WINNER, BATTERIES	

Sexe Cove Mono 1:20 PM 3.10 ML 1) Sugsman Polenuoss Porsner NISWE - Now BOAR #2 -) 1724 Wer works Gorana Gyrmason PLC PASTURE ROLLE VALVE FISH VALVE Posse L 1 SUBSMOON HERSAIN HORE 76 2W 1) Truena E Fragued Governor Repent as SUBSMATION N 19805 - 1983 Galchason Trus Ne 5 Goran Min) 3 marston ns 2 1509 Coope, CC WOOR INTINCE TILANSFORMERY BALLER TURNE & GENERALA TO PROBLEMS IN EQUIPMENT BOND GATEROUSE, SPILLINGY GATUS, SPINNING WINE GOOD

Polybur Gara

Pary Unesour 3:20 Pm CONSTRUCTIO TO SOLVE

DEPRECIATION CONSULTANT SITE VISIT

	Location	Purpose	#c+S
Wednesday June 16 th			
9:00 am – 10:00 am	NP offices Kenmount Road	Introductions, Orientation	JC, Rodney L, Peter A, Gary S, Jocelyn P. Wade H. Lorne H
10:00 am – 10:45 am	Service Centre, Duffy Place	Visit (central stores, truck centre, operations office building	JC. G Humby
11:00 am – 12:00 pm	Topsail Road	Visit Electrical Maintenance Facility and SCC	IC 6 Humby
12:00 pm – 1:00 pm	Lunch		(2)
1:30 pm – 3:00 pm	Southern Shore	Visit Mobile plant (original) and Rocky Pond plant (renovated 2009)	JC, G Humby
3:00 pm – 3:30 pm	Southern Shore	Visit transmission line 20L (rebuilt 2007 – 2009) and 21L	JC
4:30 pm	Kenmount Boad	(rebuild scrieduled for 2011)	
Thursday June 17 th			
8:30 am	Kenmount Road		
9:00 am – 9:30 am	Stamps Lane Substation	Site Visit	JC. Peter F
10:00 am – 10:30 pm	Virginia Waters Substation	Site Visit	JC, Peter F
10:45 am – 11:50 pm	Quidi Vidi Lake	Visit Transmission Line 16L (rebuild scheduled for 2011)	JC
11:30 am – 12:00pm	Donovan's Industrial Park	Visit Mobile Gas Turbine (repairs ongoing at a garage)	JC, J Davis
12:00 pm – 1:00 pm	Lunch		
1:00 pm – 2:00 p	Topsail and CBS	Visit Topsail Plant	JC, J Davis
2:00 pm – 3:00 pm	Topsail and CBS	Visit Seal Cove Plant	JC, J Davis
3:00 pm – 4:00 pm	Topsail and CBS	Visit Chamberlains Substation	JC, Peter F
4:30 pm	Kenmount Road	End of Day 2	
Friday June 18 th			
8:30 am	Kenmount Road		
9:00 am – 10:30 am	Killam Room	Meet with asset managers for Transmission	JC, M Jardine, Mike C, Brian C, Trina T
10:45 am – 12:30 pm	Killam Room	Meet with asset managers for Distribution	JC, M Jardine, Ralph M,
12:30 pm – 1:00 pm	Lunch		U Walling, Nouley L
1:00 pm – 2:00 pm	Killam Room	Meet with asset managers for General Property	JC. G Murray. G Humby
2:00 pm – 3:00 pm	Killam Room	Meet with asset managers for Generation	JC, G Murray, G Humby,
3:00 nm - 4:00 nm	Killam Room	A 400 to 100 to	Jennifer W
4.00 mg	Milatil NOOIII	With asset managers for Substations	JC, G Murray, Lorne T, Peter F
#:00 DO:+	Kiliam Koom	Conclusion	JC, Rodney L, Peter A

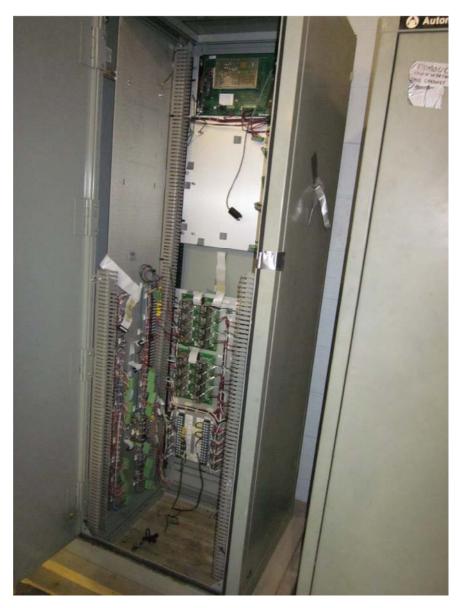
Site Visit Photographs



Duffy Place



Duffy Place Meter Shop



Duffy Place - Retired SCADA Equipment



Duffy Place Meter Shop



Duffy Place Call Center



Duffy Place



Duffy Place



Duffy Place Storeroom



Duffy Place Storeroom



Duffy Place Backup Generator



Duffy Place



Topsail Road Yard Line Transformers



Topsail Road Yard Line Transformers



Topsail Road Yard



Topsail Road Storeroom



Topsail Road Recloser



Topsail Road Transformers



Topsail Road



Topsail Road Testing Equipment



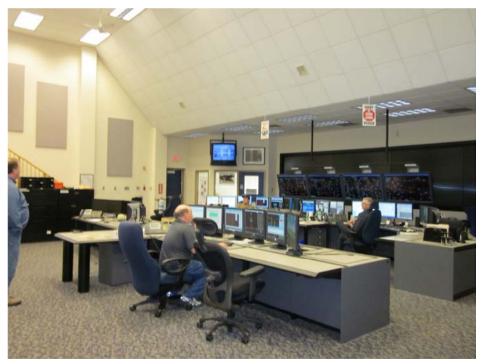
Topsail Road Transformers



Topsail Road



Topsail Road



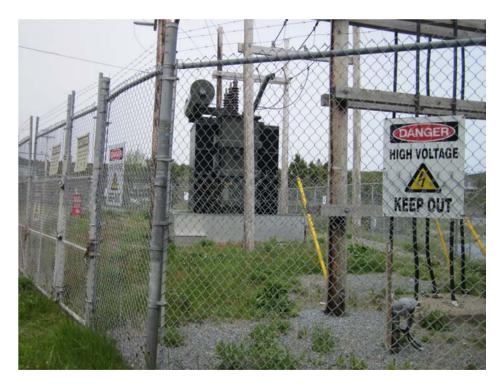
Control Center at Topsail Road



Control Center at Topsail Road



Topsail Road



Mobile Hydro Transformer



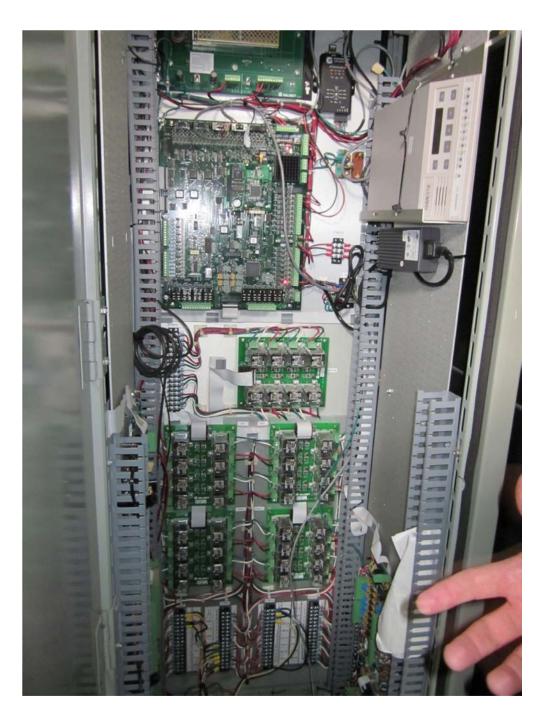
Mobile Hydro Switchyard



Mobile Hydro Generator



Mobile Hydro Control Equipment



Mobile Hydro Control Equipment



Mobile Hydro Governor



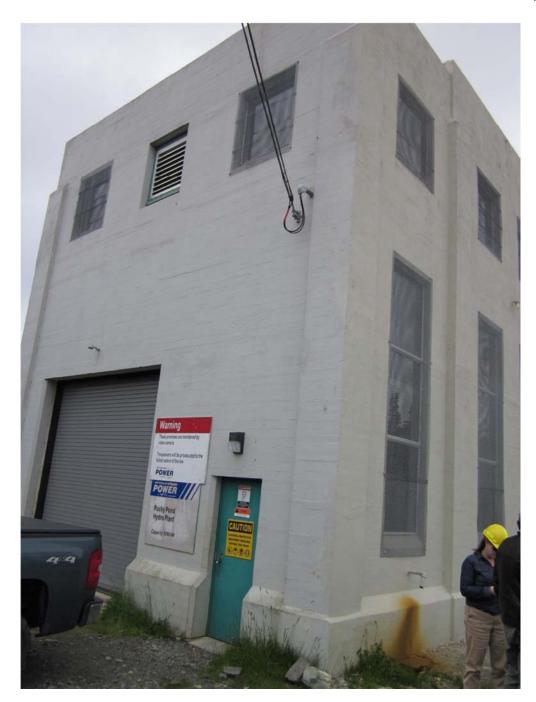
Mobile Hydro Penstock and Surge Tank



Rocky Pond Penstock and Switchyard



Rocky Pond Hydro Generator and Switchgear



Rocky Pond Hydro Structures and Improvements



Rocky Pond Hydro Generator

NEW FOUNDLAND POWER INC.

June 15-17, 2010



Rocky Pond Hydro Governor



Rocky Pond Hydro Turbine Shaft



Rocky Pond Hydro Controls



Rocky Pond Hydro Controls



Rocky Pond Hydro Communication Equipment



Rocky Pond Hydro Penstock, Dam and Gatehouse



Rocky Pond Hydro Penstock



Rocky Pond Hydro Dam and Gatehouse



Rocky Pond Hydro Spillway



20L Transmission Line



Horse Chops Hydro Powerhouse and Switchyard

NEW FOUNDLAND POWER INC.

June 15-17, 2010



21L Transmission Line



Horse Chops Hydro Surge Tank



Horse Chops Hydro Penstock



Horse Chops Hydro 21L Transmission Line



21L and 20L Intertie



Stamps Lane Substation Transformer



Stamps Lane Substation Transformer



Stamps Lane Substation Oil Circuit Breaker



Stamps Lane Substation SF6 Gas Circuit Breaker



Stamps Lane Substation



Stamps Lane Substation Transformer



Stamps Lane Substation Transformer



Stamps Lane Substation Circuit Beaker



Stamps Lane Substation Circuit Breaker



Stamps Lane Substation Circuit Breaker



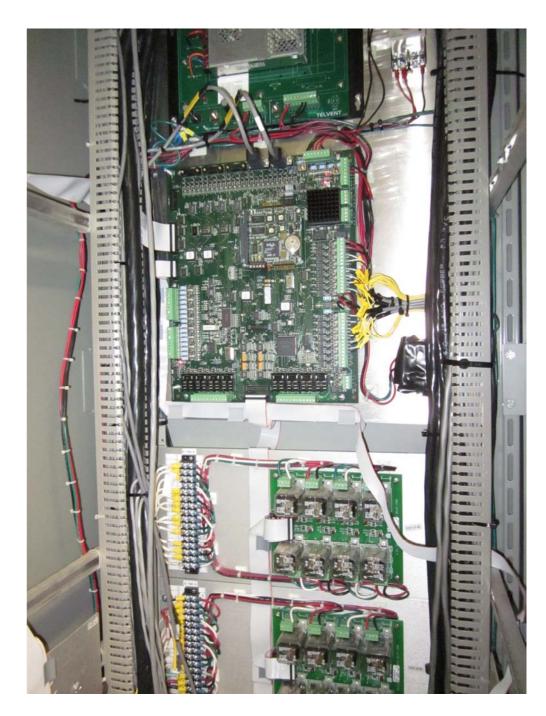
Stamps Lane Substation Circuit Breakers



Stamps Lane Substation Controls



Stamps Lane Substation Fiber Optic Equipment



Stamps Lane Substation Control Equipment



Stamps Lane Substation Control Equipment



Pepperell Substation



Pepperell Substation Circuit Breaker



Pepperell Substation Circuit Breaker



Pepperell Substation Control Equipment



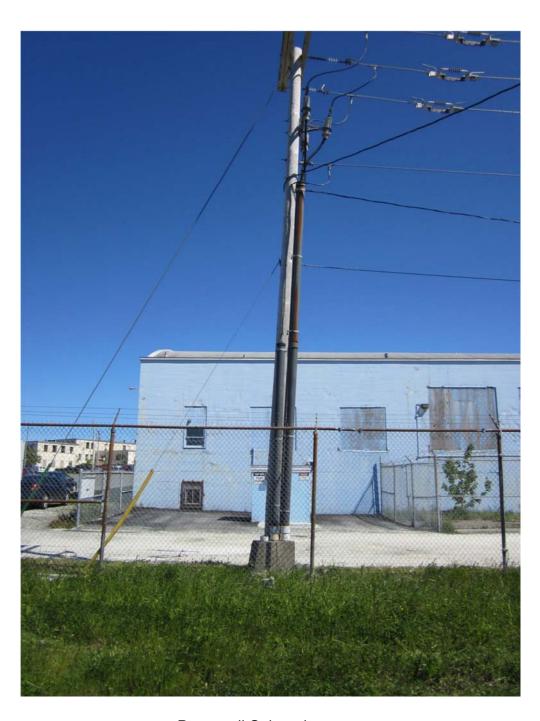
Pepperell Substation Control Equipment



Pepperell Substation Control Equipment



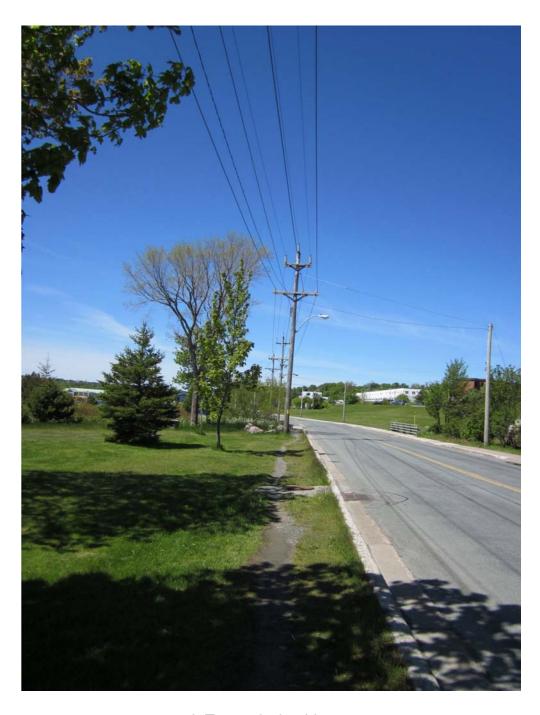
Pepperell Substation Control Equipment



Pepperell Substation



16L Transmission Line



16L Transmission Line



16L Transmission Line Pole with Street Light



Portable Jet Transformer



Portable Jet Circuit Breaker



Portable Jet



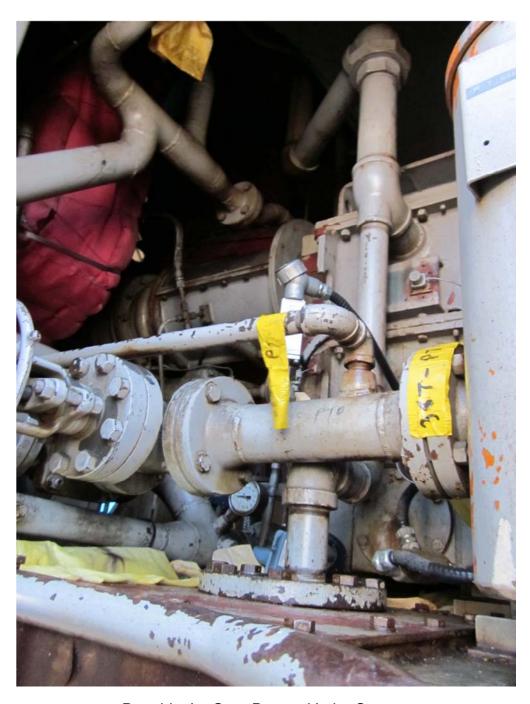
Portable Jet Air Intake



Portable Jet Generator



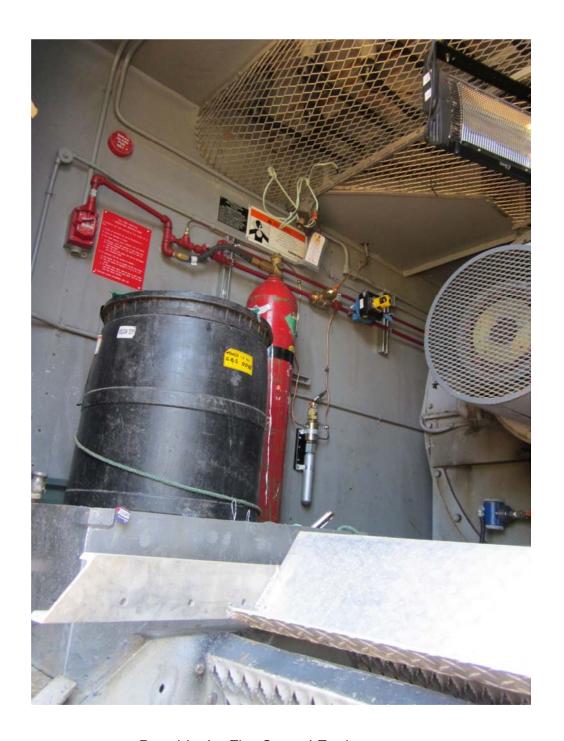
Portable Jet Generator



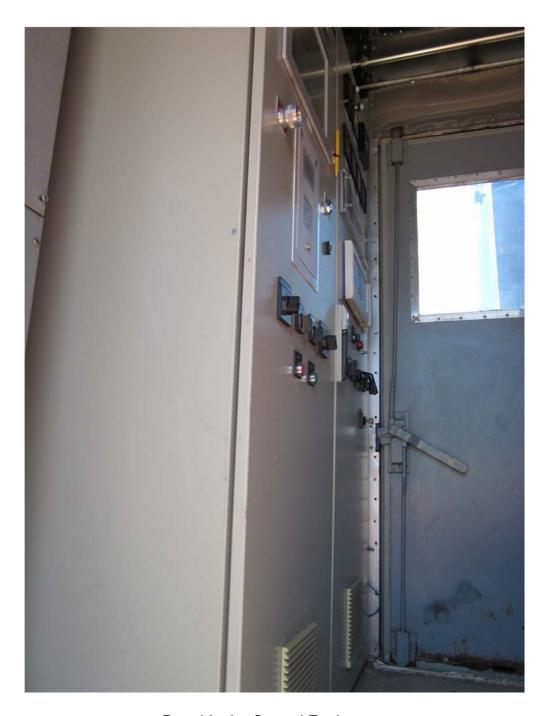
Portable Jet Gear Box and Lube System



Portable Jet PLC Controls



Portable Jet Fire Control Equipment



Portable Jet Control Equipment



Portable Jet Wiring and Batteries



Seal Cove Hydro Plant Switchyard



Seal Cove Hydro Plant Powerhouse



Seal Cove Hydro Plant Penstock



Seal Cove Hydro Plant Water Intake



Seal Cove Hydro Plant Governor



Seal Cove Hydro Plant Generator



Seal Cove Hydro Plant Control Equipment



Seal Cove Hydro Plant Pressure Relief Valve



Seal Cove Hydro Plant Penstock



Seal Cove Hydro Plant Valve



Seal Cove Hydro Plant Switchyard



Topsail Hydro Powerhouse

NEW FOUNDLAND POWER INC.

June 15-17, 2010



Topsail Hydro Switchyard



Topsail Hydro Generator

NEW FOUNDLAND POWER INC.

June 15-17, 2010



Topsail Hydro Turbine



Topsail Hydro Governor



Topsail Hydro Control Equipment



Topsail Hydro Water Intake



Topsail Hydro Transformers



Topsail Hydro Pond



Topsail Hydro Gatehouse and Spillway



Topsail Hydro Gates and Spillway



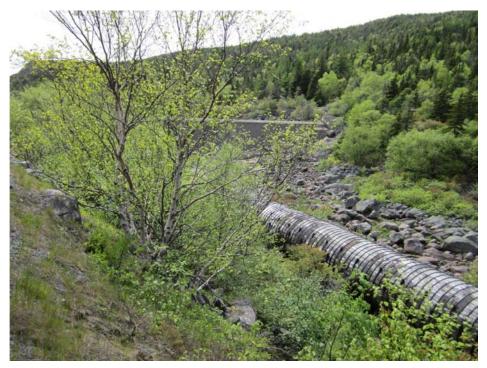
Topsail Hydro Intake Gates



Topsail Hydro Penstock Gate



Topsail Hydro Communication Equipment



Petty Harbour Hydro Plant Intake and Penstock



Petty Harbour Hydro Plant Penstock



Petty Harbour Hydro Plant Penstock



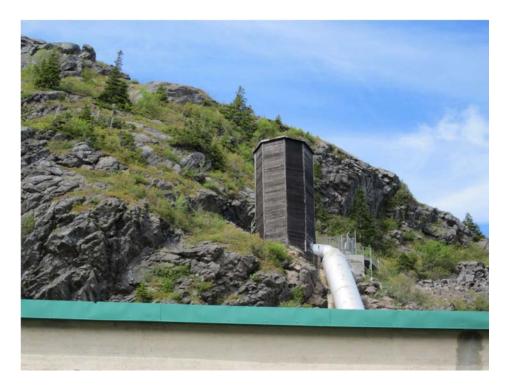
Petty Harbour Hydro Plant Penstock



Petty Harbour Hydro Plant Powerhouse



Petty Harbour Hydro Plant Switchyard



Petty Harbour Hydro Plant Surge Tank