

1 Q. Please provide a copy of any completed "*Severe Weather Preparedness Checklist*" in
2 the last three months, including any completed for Hurricane Gonzalo.

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5 A. The Severe Weather Preparedness protocol and associated checklist was officially
6 adopted on September 28, 2014, and since that time, was only used on October 16,
7 2014 in preparation for Hurricane Gonzalo. The documentation of preparations for
8 Thermal Generation, Hydro Generation, and Transmission are attached as PUB-
9 NLH-456 Attachments 1 to 3. While this checklist provides some consistency in
10 what is considered as part of the weather preparedness planning, all regional
11 operations approach it differently, and with varying levels of detail depending on
12 location, type, and severity of weather event.

Severe Weather Preparedness Checklist Holyrood Thermal Generation Operations Department

Date: 2014/10/16		Location: Holyrood	
Current and Forecasted Weather: Issued by ECC			
Hurricane Gonzalo weather warning from ECC (Jason Tobin) Oct16, 2014.			
Safety moment: Ensure all doors and hatches are closed prior to storm (batten down the hatches). Walk around plant to ensure everything is secure.			
Things to think about before preparing			
<input checked="" type="checkbox"/> Do workers know and understand the tasks? <input checked="" type="checkbox"/> Have all workers been given orientations? (Is there an orientation or training for working in severe weather?) <input checked="" type="checkbox"/> Ensure Tailboards are completed prior to start of work <input checked="" type="checkbox"/> Communicate forecasted weather conditions to all employees. Keep employees updated on changing conditions <input checked="" type="checkbox"/> Are all proper tools available for job? <input checked="" type="checkbox"/> Ensure employees have Proper PPE for working in extreme weather conditions <input checked="" type="checkbox"/> Will employees be working alone? If yes, circulate the working alone procedure for review. <input checked="" type="checkbox"/> Have environmental aspects been considered?			
Emergency Information			
Emergency response plan(s) in place? <input checked="" type="checkbox"/> Yes Verified ERM is in control & S/S is aware			
Has it been communicated to all required personnel? <input checked="" type="checkbox"/> Yes Forward E-mail onto S/S & LTPO's			
Emergency Contact Numbers by Department			
1. Plant on-call Person 709 685 5752 (EC on Call)		3.	
2. Emergency Response Manual (ERM) Verified in CR		4.	
Safety		Vehicles / Transportation	
<input checked="" type="checkbox"/> Consider holding safety briefings with available staff <input checked="" type="checkbox"/> Ensure workers are familiar with the safety tools and procedures associated with severe weather <input checked="" type="checkbox"/> Tailboard <input checked="" type="checkbox"/> Step Back 5x5 <input checked="" type="checkbox"/> Proper PPE for Weather conditions <input checked="" type="checkbox"/> Work Methods/ Work procedure <div style="color: red; text-align: center;">All Completed by Glen Kennedy with S/S today</div>		<input checked="" type="checkbox"/> Verify for additional 4x4 vehicles if required. (OPS has 4x4) <input checked="" type="checkbox"/> Fuel all vehicles (Completed) <input checked="" type="checkbox"/> Consider having other staff take company vehicles home Not Required <input checked="" type="checkbox"/> Ensure truck radios are working (Verified)	
Equipment			
<input checked="" type="checkbox"/> Ensure weekly (stage 1 & 2) emergency diesel test has been completed. <input checked="" type="checkbox"/> Ensure weekly diesel fire pump test has been completed. <input checked="" type="checkbox"/> Test Portable diesel air compressor <input checked="" type="checkbox"/> Ensure bi-weekly black start diesel's test has been completed. <input checked="" type="checkbox"/> Verify weekly load test for all three units <input checked="" type="checkbox"/> Ensure ECC are aware on any unit de-rates or equipment problems. <input checked="" type="checkbox"/> Verify Unit Capability factor and communicate to ECC <input checked="" type="checkbox"/> Test ECC back up generator <input checked="" type="checkbox"/> Ensure Back Start diesels are available <div style="color: red; text-align: center;">All Verified by operating shift and Glen Kennedy today</div>			
Processes and Procedures			

<ul style="list-style-type: none"> ✓ Shift supervisor to ensure all primary equipment are in lead. ✓ Check operation of all stand-by and emergency equipment on all units. ✓ Review unit start/ shutdown and emergency shutdown procedures ✓ Review readiness on unit/ plant trip. ✓ Review black start plan with ECC ✓ Check Service/Instrument Air Systems ✓ Check fuel supply and fuel oil systems ✓ Check feed water system and cooling water systems ✓ Check boiler system (burners/fans/soot blowers/light oil/heavy oil) ✓ Check all 4160/600 volt breakers ✓ Test low frequency tasks (Stage 1&2 emergency diesels/diesel fire pump/portable diesel air compressor/black start diesels) <p>All Review and checked by operating shift and Glen Kennedy today.</p>	
Manpower	
<ul style="list-style-type: none"> ✓ Notify Staff of forecasted storm. Consider scheduling staff to work outside of normal working hours to ensure quick response ✓ Supervisor has up to date staff listings and contact information ✓ Ensure support staffs are aware of the forecasted weather and that contact information is available ✓ Enhance staff levels as required ✓ Ensure Operations ERT member(s) available to support ER Technicians ✓ Coordinate with ER Coordinator for ER Technician coverage <p>Notifications when out to all S/S and LTPO by e-mail and verbally communicated to shift supervisor today by Evan Cabot and Glen Kennedy. Support staff and ERT have been notified. Evan Cabot is on call. Glen Kennedy is available to assist in black start diesels and restarting units if required. Extra operator will be call in for Saturday night shift (2000 -0800).</p>	
Communications	
<ul style="list-style-type: none"> ✓ Consider additional communication with plant on-call personnel to ensure readiness to respond ✓ Shift supervisor responsible for notifying on call person on any plant problems that may effect the unit operation. ✓ Shift supervisor responsible for notifying plant manager and Operation Manager on any plant/unit trip. ✓ Plant On call person to notify system on call person on any unit trip or unit de-ratings. ✓ Shift supervisor responsible for notifying ECC on any plant /unit/switchyard problems. ✓ Charge and test portable radios ✓ Test control room and ERT base station radios <p>Reviewed with shift supervisor (Robert Stratton). Evan Cabot is on call.</p>	
Contractors	
<ul style="list-style-type: none"> ✓ Put contractors on notice of pending storm and ask that they prepare ✓ Confirm Contractor's emergency contact information ✓ Confirm their available resources and their ability to assist ✓ Confirm after hour contacts with snow clearing contractor. <p>Not required for this storm</p>	
Shift Supervisor: Robert Stratton Operations Manager: Evan Cabot Plant Manager: _____	Date: 2014/10/16 Date: 2014/10/16 Date: _____

Severe Weather Preparedness Checklist Holyrood Thermal Generation Administration Department

Date:	Location: Holyrood
Current and Forecasted Weather: Issued by ECC	
Things to think about before preparing	
<input type="checkbox"/> Do workers know and understand the tasks? <input type="checkbox"/> Have all workers been given orientations? (Is there an orientation or training for working in severe weather?) <input type="checkbox"/> Ensure Tailboards are completed prior to start of work <input type="checkbox"/> Communicate forecasted weather conditions to all employees. Keep employees updated on changing conditions <input type="checkbox"/> Are all proper tools available for job? <input type="checkbox"/> Ensure employees have Proper PPE for working in extreme weather conditions <input type="checkbox"/> Will employees be working alone? If yes, circulate the working alone procedure for review. <input type="checkbox"/> Have environmental aspects been considered?	
Emergency Information	
Emergency response plan(s) in place? <input type="checkbox"/> Yes	
Has it been communicated to all required personnel? <input type="checkbox"/> Yes	
Emergency Contact Numbers by Department	
1. Plant on-call Person 709 685 5752	3.
2. Emergency Response Manual (ERM)	4.
Safety	Vehicles / Transportation
<input type="checkbox"/> Consider holding safety briefings with available staff <input type="checkbox"/> Ensure workers are familiar with the safety tools and procedures associated with severe weather <input type="checkbox"/> Tailboard <input type="checkbox"/> Step Back 5x5 <input type="checkbox"/> Proper PPE for Weather conditions <input type="checkbox"/> Work Methods/ Work procedure	<input type="checkbox"/> Arrange for additional 4x4 vehicles if required. <input type="checkbox"/> Fuel all vehicles <input type="checkbox"/> Consider having other staff take company vehicles home <input type="checkbox"/> Ensure truck radios are working
Equipment	
<input type="checkbox"/> Test ECC back up generator <input type="checkbox"/> Charge and test portable radios <input type="checkbox"/> Check availability of site security cameras	
Processes and Procedures	
<input type="checkbox"/> Warehouse personnel to perform inspection of warehouse yard for potential flying debris hazards <input type="checkbox"/> Warehouse personnel to check doors on all warehouse buildings <input type="checkbox"/> Confirm that Security personnel have made preparations for weather event <input type="checkbox"/> Check availability of back-up personnel <input type="checkbox"/> Ensure there is no Tanker interface scheduled during severe weather event	

Manpower	
<input type="checkbox"/> Notify Staff of forecasted storm. Consider scheduling staff to work outside of normal working hours to ensure quick response	
<input type="checkbox"/> Supervisor has up to date staff listings and contact information	
<input type="checkbox"/> Ensure support staffs are aware of the forecasted weather and that contact information is available	
<input type="checkbox"/> Enhance staff levels as required	
Communications	
<input type="checkbox"/> Consider additional communication with plant on-call personnel to ensure readiness to respond	
<input type="checkbox"/> Shift supervisor responsible for notifying on call person on any plant problems that may effect the unit operation.	
<input type="checkbox"/> Shift supervisor responsible for notifying plant manager and Operation Manager on any plant/unit trip.	
<input type="checkbox"/> Plant On call person to notify system on call person on any unit trip or unit de-ratings.	
<input type="checkbox"/> Shift supervisor responsible for notifying ECC on any plant /unit/switchyard problems.	
<input type="checkbox"/> Charge and test portable radios	
Contractors	
<input type="checkbox"/> Put contractors on notice of pending storm and ask that they prepare	
<input type="checkbox"/> Confirm Contractor's emergency contact information	
<input type="checkbox"/> Confirm their available resources and their ability to assist	
Confirm after hour contacts with snow clearing contractor.	
Team Lead – Support Services: _____	Date: _____
Plant Manager: _____	Date: _____

Severe Weather Preparedness Checklist Holyrood Thermal Generation Laboratory


Date: <u>Oct 17/14</u>		Location: <u>Holyrood</u>	
Current and Forecasted Weather: Issued by ECC <u>See memo Cor 2019" + high winds on the 18th.</u>			
Things to think about before preparing			
<input type="checkbox"/> Do workers know and understand the tasks? <u>not clearly identified - re weather.</u> <input type="checkbox"/> Have all workers been given orientations? (Is there an orientation or training for working in severe weather?) <input type="checkbox"/> Ensure Tailboards are completed prior to start of work <u>NA</u> <input checked="" type="checkbox"/> Communicate forecasted weather conditions to all employees. Keep employees updated on changing conditions <u>done</u> <input type="checkbox"/> Are all proper tools available for job? <input type="checkbox"/> Ensure employees have Proper PPE for working in extreme weather conditions <u>done</u> <input type="checkbox"/> Will employees be working alone? If yes, circulate the working alone procedure for review. <input type="checkbox"/> Have environmental aspects been considered?			
Emergency Information			
Emergency response plan(s) in place? <input type="checkbox"/> Yes			
Has it been communicated to all required personnel? <input type="checkbox"/> Yes			
Emergency Contact Numbers by Department			
1. Plant on-call Person 709 685 5752		3.	
2. Emergency Response Manual (ERM)		4.	
Safety		Vehicles / Transportation	
<input type="checkbox"/> Consider holding safety briefings with available staff <input type="checkbox"/> Ensure workers are familiar with the safety tools and procedures associated with severe weather <input type="checkbox"/> Tailboard <input type="checkbox"/> Step Back 5x5 <input type="checkbox"/> Proper PPE for Weather conditions		<input type="checkbox"/> Arrange for additional 4x4 vehicles if required. <input type="checkbox"/> Consider having other staff take company vehicle home	
Equipment			
<input checked="" type="checkbox"/> Clarifier chemical dosage rate adjusted for weather conditions. <input checked="" type="checkbox"/> Buffer continuous basin to 7.5 pH <u>OK</u> <input checked="" type="checkbox"/> Polishers are regenerated and available for use, or sufficient capacity exists to manage weather emergency. <u>done</u> <input checked="" type="checkbox"/> Water treatment plant has a train regenerated and available for operations <u>Always</u> <input checked="" type="checkbox"/> Boiler chemical injection rates are adjusted and optimised <input checked="" type="checkbox"/> Boiler chemicals tanks are topped up and available for operations. <u>polymer - today</u> <input checked="" type="checkbox"/> Boiler chemistry is topped up and at appropriate level <u>done</u> <input type="checkbox"/> Check and confirm landfill holding pond is at safe inventory levels. <u>done - yesterday - 2.0 ft level</u>			
Manpower			
<input checked="" type="checkbox"/> Notify Staff of forecasted storm. Consider scheduling staff to work outside of normal working hours to ensure quick response <input type="checkbox"/> Supervisor has up to date staff listings and contact information - <u>see OT list.</u> <input type="checkbox"/> Enhance staff levels as required <input type="checkbox"/> Coordinate with Shift Supervisor for Lab coverage (if applicable) <u>OT requested for MWSL to 000 hrs.</u>			
Communications			
<input type="checkbox"/> Charge and test all portable radios			
Plant Chemist: <u>Ed F</u>		Date: <u>Oct 17/14</u> 300 PM.	
Safety, Health and Environment Mgr: <u>Alfred H</u>		Date: <u>Oct 17/14</u>	
Plant Manager: _____		Date: _____	

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Severe Weather Preparedness Checklist

Holyrood Thermal Generation

Work Execution Department

Date:	Location: Holyrood
Current and Forecasted Weather: Issued by ECC	
Hurricane Gonzalo	
Things to think about before preparing	
<input checked="" type="checkbox"/> Do workers know and understand the tasks? <input checked="" type="checkbox"/> Have all workers been given orientations? (Is there an orientation or training for working in severe weather?) <input checked="" type="checkbox"/> Ensure Tailboards are completed prior to start of work <input checked="" type="checkbox"/> Communicate forecasted weather conditions to all employees. Keep employees updated on changing conditions <input checked="" type="checkbox"/> Are all proper tools available for job? <input checked="" type="checkbox"/> Ensure employees have Proper PPE for working in extreme weather conditions <input checked="" type="checkbox"/> Will employees be working alone? If yes, circulate the working alone procedure for review. <input checked="" type="checkbox"/> Have environmental aspects been considered?	
Emergency Information	
Emergency response plan(s) in place? <input checked="" type="checkbox"/> Yes	
Has it been communicated to all required personnel? <input checked="" type="checkbox"/> Yes	
Emergency Contact Numbers by Department	
1. Plant on-call Person 709 685 5752	3.
2. Emergency Response Manual (ERM)	4.
Safety	Vehicles / Transportation
<input checked="" type="checkbox"/> Consider holding safety briefings with available staff <input checked="" type="checkbox"/> Ensure workers are familiar with the safety tools and procedures associated with severe weather <input checked="" type="checkbox"/> Tailboard <input checked="" type="checkbox"/> Step Back 5x5 <input checked="" type="checkbox"/> Proper PPE for Weather conditions <input checked="" type="checkbox"/> Work Methods/ Work procedure	<input checked="" type="checkbox"/> Arrange for additional 4x4 vehicles if required. <input checked="" type="checkbox"/> Fuel all vehicles <input checked="" type="checkbox"/> Consider having other staff take company vehicles home <input checked="" type="checkbox"/> Ensure communications are in place and defined for after hours contact.
Equipment	
Provide Operations support and maintenance intervention, as required for the following systems:	
<input checked="" type="checkbox"/> (Stage 1 & 2) emergency diesel <input checked="" type="checkbox"/> Diesel fire pump <input checked="" type="checkbox"/> Service/instrument Air Systems <input checked="" type="checkbox"/> Fuel supply and fuel oil systems. <input checked="" type="checkbox"/> Feed water and cooling water systems <input checked="" type="checkbox"/> Boiler system (burners/fans/sootblowers/light oil/heavy oil) <input checked="" type="checkbox"/> 4160/600 volt breakers	
Systems Reviewed With Supervisors  Oct 17 / 14	
Complete walk arounds and checks of the following systems and action any findings:	
<input checked="" type="checkbox"/> Battery banks and all UPS back-up systems – check on-line monitoring <input checked="" type="checkbox"/> Compressed air systems – check for faults and the requirement for receiver blow-down <input checked="" type="checkbox"/> Sump pumps and electrical cords <input checked="" type="checkbox"/> DCS Operation – review overall system health for internal alarms, root switch issues, communication, etc. <input checked="" type="checkbox"/> Outside transformers for any debris that may be blocking fans and other equipment. <input checked="" type="checkbox"/> Exciter – check overall health and reliability	
Action any pressing work orders for the above systems.	

Processes and Procedures	
<input checked="" type="checkbox"/> Review readiness and potential actions on unit/ plant trip. <input checked="" type="checkbox"/> Review black start actions in support of Operations	} Reviewed w/ Personnel Oct 17/14
Manpower	
<input checked="" type="checkbox"/> Notify Staff of forecasted storm. Consider scheduling staff to work outside of normal working hours to ensure quick response <input checked="" type="checkbox"/> Ensure control room Supervisors have up-to-date on-call lists <input checked="" type="checkbox"/> Ensure support staff are aware of the forecasted weather and that contact information is available <input checked="" type="checkbox"/> Enhance staff levels as required	
Communications	
<input checked="" type="checkbox"/> Consider additional communication with plant on-call personnel to ensure readiness to respond <input checked="" type="checkbox"/> Ensure communications are in place and well defined for after hours contact <input checked="" type="checkbox"/> Shift supervisor responsible for notifying on call person on any plant problems that may effect the unit operation. <input checked="" type="checkbox"/> Shift supervisor responsible for notifying plant manager and Operation Manager on any plant/unit trip. <input checked="" type="checkbox"/> Plant On call person to notify system on call person on any unit trip or unit de-ratings. <input checked="" type="checkbox"/> Shift supervisor responsible for notifying ECC on any plant /unit/switchyard problems. <input checked="" type="checkbox"/> Charge and test portable radios <input checked="" type="checkbox"/> Ensure any communications with pending tankers through the OSC 1	
Contractors	
<input checked="" type="checkbox"/> Put contractors on notice of pending storm and ask that they prepare for OEM support of plant systems <input checked="" type="checkbox"/> Confirm Contractor's emergency contact information <input checked="" type="checkbox"/> Confirm their available resources and their ability to assist <input checked="" type="checkbox"/> Confirm after hour contacts with snow clearing contractor.	
Manager, Work Execution: <u>[Signature]</u> Plant Manager: _____	Date: <u>Oct 17/14</u> Date: _____

1 Electrician
1 Instrumentation

} Scheduled in for 00:00 Sunday Morning Oct 19/14.

[Signature] Oct 19/14

Severe Weather Preparedness Checklist

Holyrood Thermal Generation

Emergency Response Department

Date:		Location: Holyrood	
Current and Forecasted Weather: Issued by ECC			
HURRICANE GONZALO / LANDFALL 18/19 OCTOBER / HIGH WINDS & RAIN			
Things to think about before preparing			
<input checked="" type="checkbox"/> Do workers know and understand the tasks? <input checked="" type="checkbox"/> Have all workers been given orientations? (Is there an orientation or training for working in severe weather?) <input type="checkbox"/> Ensure Tailboards are completed prior to start of work <input checked="" type="checkbox"/> Communicate forecasted weather conditions to all employees. Keep employees updated on changing conditions <input checked="" type="checkbox"/> Are all proper tools available for job? <input checked="" type="checkbox"/> Ensure employees have Proper PPE for working in extreme weather conditions <input type="checkbox"/> Will employees be working alone? If yes, circulate the working alone procedure for review. <input type="checkbox"/> Have environmental aspects been considered?			
Emergency Information			
Emergency response plan(s) in place? <input checked="" type="checkbox"/> Yes			
Has it been communicated to all required personnel? <input checked="" type="checkbox"/> Yes			
Emergency Contact Numbers by Department			
1. Plant on-call Person 709 685 5752 EVAN		3. ER COORDINATOR 699-2171	
2. Emergency Response Manual (ERM)		4.	
Safety		Vehicles / Transportation	
<input checked="" type="checkbox"/> Consider holding safety briefings with available staff <input checked="" type="checkbox"/> Ensure workers are familiar with the safety tools and procedures associated with severe weather <input type="checkbox"/> Tailboard <input type="checkbox"/> Step Back 5x5 <input checked="" type="checkbox"/> Proper PPE for Weather conditions		<input type="checkbox"/> Arrange for additional 4x4 vehicles if required. <input checked="" type="checkbox"/> Fuel ERT vehicle <input type="checkbox"/> Consider having other staff take company vehicle home	
Equipment			
<input checked="" type="checkbox"/> Ensure Weekly Fire Protection Valve and SCBA Checklists are complete <input checked="" type="checkbox"/> Ensure all portable fire protection equipment is in good order (hose stations/mobile foam and dry chemical units) <input checked="" type="checkbox"/> Ensure spare AFFF foam available □ VERIFY CLOSURES <input checked="" type="checkbox"/> Check ERT fire fighting PPE in Relay Room/Control Room <input checked="" type="checkbox"/> Check with Operations to ensure Diesel Fire Pump fuel supply FULL <input type="checkbox"/> Check accessibility of mobile fire pump and equipment for Raw Water Bypass REQUIRES SHELTER <input checked="" type="checkbox"/> Check fire panel in Control Room for outstanding trouble alarms/fire system isolations in effect 9-1/9-3 LOCKED OUT <input checked="" type="checkbox"/> Check accessibility of all site hydrants			
Manpower			
<input checked="" type="checkbox"/> Notify Staff of forecasted storm. Consider scheduling staff to work outside of normal working hours to ensure quick response <input checked="" type="checkbox"/> Supervisor has up to date staff listings and contact information <input checked="" type="checkbox"/> Enhance staff levels as required 2 ERT TECHS SCHEDULED OT ON SUN/SAT DAY SHIFT ONLY <input checked="" type="checkbox"/> Ensure Operations ERT member(s) available to support ERT Technicians <input checked="" type="checkbox"/> Coordinate with Shift Supervisor for ERT Operator coverage			
Communications			
<input checked="" type="checkbox"/> Charge and test all portable radios <input checked="" type="checkbox"/> Test control room and ERT base station radios			
ER Coordinator: RON LEDREW		Date: 17 OCTOBER 2014	
Safety, Health and Environment Mgr: [Signature]		Date: 17/10/14	
Plant Manager:		Date:	

Alan
Ed
Ehab
Curtis

Duane.

Severe Weather Preparedness Checklist

Hurricane Gonzalo

Date: <i>2014/10/16</i>	Location: <i>Bd GL CST</i>
Current and Forecasted Weather: <i>HURRICANE GONZALO</i>	
Things to think about before preparing	
<input checked="" type="checkbox"/> Do workers know and understand the tasks? <input checked="" type="checkbox"/> Have all workers been given orientations? (Is there an orientation or training for working in severe weather?) <input checked="" type="checkbox"/> Ensure Tailboards are completed prior to start of work <input checked="" type="checkbox"/> Communicate forecasted weather conditions to all employees. Keep employees updated on changing conditions <input checked="" type="checkbox"/> Are all proper tools available for job? <input checked="" type="checkbox"/> Ensure employees have Proper PPE for working in extreme weather conditions <input type="checkbox"/> Will employees be working alone? If yes, circulate the working alone procedure for review. <input checked="" type="checkbox"/> Have environmental aspects been considered?	
Emergency Information	
Emergency response plan(s) in place? <input type="checkbox"/> Yes	
Has it been communicated to all required personnel? <input checked="" type="checkbox"/> Yes	
Nearest medical facility: <i>St Albans</i>	
Emergency Contact Numbers	
1. <i>882 2666</i>	3. <i>737 1957</i>
2. <i>882 3122</i>	4.

Severe Weather Preparedness	
Safety <input checked="" type="checkbox"/> Consider holding safety briefings with available staff <input checked="" type="checkbox"/> Ensure workers are familiar with the safety tools and procedures associated with severe weather <input checked="" type="checkbox"/> Tailboard <input checked="" type="checkbox"/> Step Back 5x5 <input checked="" type="checkbox"/> Proper PPE for Weather conditions	Trucks/Snowmobiles/Atv's/Trail Groomer <input checked="" type="checkbox"/> Fuel all vehicles <input checked="" type="checkbox"/> Equip trucks with special tools and equipment as required (chains, tow straps, shovel etc) <input checked="" type="checkbox"/> Provide on call supervisors with a company vehicle <input type="checkbox"/> Consider having other staff take company vehicles home (heavy equipment ,GMB & Fron Line Supv's) <input checked="" type="checkbox"/> Ensure truck radios are working
Tools and Equipment <input checked="" type="checkbox"/> Test portable generators, standby diesels generators <input type="checkbox"/> Test tools as required <input checked="" type="checkbox"/> Ensure on site fuel supply available & working	Buildings <input type="checkbox"/> Schedule additional snow removal <input type="checkbox"/> Consider renting portable generators for buildings not equipped with a backup <input type="checkbox"/> Check ability to alter temperature controls in buildings to override normal after-hour temperature settings
Substation and Generation <input type="checkbox"/> Consider location and availability of portable generation . Re-deploy as required <input checked="" type="checkbox"/> Ensure fuel Supply for system generators	Stores/warehouse <input type="checkbox"/> Ensure all stores have proper staffing levels <input type="checkbox"/> Check stock levels for items likely needed during storm.

WALTER ORLAN
WAKEN BODOT
DAN KING
ALVIN CLANT



Operations Staff <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Notify Staff of forecasted storm. Consider scheduling staff to work outside of normal working hours to ensure quick response <input checked="" type="checkbox"/> Equip Supervisors with up to date staff listings and contact information <input type="checkbox"/> Consider re-deploying staff to areas most likely impacted by the severe weather <input type="checkbox"/> Put technical staff on notice of pending storm <input type="checkbox"/> Consider enhancing staff levels at control rooms & powerhouses. <input type="checkbox"/> Ensure IS team is in place. <input type="checkbox"/> Ensure support and costumer service staffs are aware if the forcasted weather <input type="checkbox"/> Ensure Protection and Control Engineering are aware of the pending weather and that contact information is available 	Transportation <ul style="list-style-type: none"> <input type="checkbox"/> Where possible, put a rush on maintenance or repair work for any company vehicle <input type="checkbox"/> Complete inspections of additional equipment and vehicles (four wheel drive trucks, snowmobiles, ATVs and specialized vehicles) <input type="checkbox"/> Notify garages and mechanics of forecasted storm <input type="checkbox"/> Confirm after hour contacts with government departmens for snow clearing. <input type="checkbox"/> Arrange for any necessary escorts
Communications <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Hold a pre-event coordination call to coordinate response activities <input checked="" type="checkbox"/> Consider additional communication with on-call personnel to ensure rediness to respond <input checked="" type="checkbox"/> Check availability of Satellite Phones, ensure they are charges and working <input type="checkbox"/> Ensure appropriate staff have cell phones. Ensure adequate cell phone chargers and spare batteries are available <input checked="" type="checkbox"/> Charge and test portable radios <input checked="" type="checkbox"/> Test area office base station radios 	System Security <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Make extra effort to correct any adnormal system conditions <input type="checkbox"/> Where practical consider suspending construction on capital jobs to return the system to normal <input type="checkbox"/> Consider developing a contingency plan for any abnormal conditions that cannot be corrected <input type="checkbox"/> Consider protection changes above normal settings <input checked="" type="checkbox"/> Key access if card access not working.
Contractors <ul style="list-style-type: none"> <input type="checkbox"/> Confirm Contractor's emergency contact information <input type="checkbox"/> Confirm their available resources and their ability to assist <input type="checkbox"/> Ensure Snow clearing contractors are on alert and available 	Customer Service and Communications Hub <ul style="list-style-type: none"> <input type="checkbox"/> Confirm area connections to the communications hub. Ensure an area person is assigned to communicate with the hub <input type="checkbox"/> Consider assigning a communications hub member to the ECC <input type="checkbox"/> Communicate with Customer Service to determine their requirement for remote <input type="checkbox"/> Check availability of local customer service staff
Accommodations <ul style="list-style-type: none"> <input type="checkbox"/> Contact local hotels to determine availability of rooms in the event that crews are moved into the area. Consider reserving a block of rooms. <input checked="" type="checkbox"/> Own accomodations are ready & avialable <input type="checkbox"/> Investigate potential resolution of no food service being available to staff in emergency situations. 	Finance <ul style="list-style-type: none"> <input type="checkbox"/> Arrange for numbers to be used for charging the storm. Communicate to staff
Government <ul style="list-style-type: none"> <input type="checkbox"/> Prior to the storm, confirm contacts for emergency snow clearing with the Department of Transportation <input type="checkbox"/> Ensure updates contact lists are available for surrounding municipalities 	

ATT: DAN King
Severe weather preparedness
Con 24h



NEWFOUNDLAND AND LABRADOR HYDRO
STATION DIARY

DATE 2014-10-17STATION USL

SHEET _____ OF _____

TIME	DIARY
09:30	Arrived on site Walene + Walter
	Unit Conditions
	70 MW
	-10.5 MVARs
	13.7 KV
	3007 Amps
	Elevations
	NSD - 247.16
	WSD - 246.50
	Intake - 246.37
	Tail Race - 192.88
	T.R. Diff - .99
	Started Emergency Diesel Generator.
13:00	Trend monitoring for unit
	Radio check on sat phones. OK
	Refueled trucks for storm preparation.

Completed. W.O / W.B.
Gonzalez

2014-10-10

PUB/NTA-456, Attachment 2
Page 4 of 17, Isl-Net System Power Outages

USL - POWERHOUSE INSPECTIONS PREPAREDNESS

USL-39

File: 121.80.60

Issue Date: Aug. 19, 2003
Rev. Date: April 23, 2009
Rev. No. 3

GENERAL

- Check for oil contamination in sump ☒
- Check servo valve oil catchment ☒
- Clean oil from floor and equipment ☒
- Check emergency lighting ☒
- Trend monitoring as per form USI # 16 ☒
- Turbine bearing oil level monitoring ☒
Form UsI # 15

COMPRESSED AIR SYSTEM

- Checks on compressor # 1 ☒
- Check oil level ☐
- Check start on pressure drop ☐
- Drain receiver tank ☐
- Checks on compressor # 2 ☒
- Check oil level ☐
- Check start on pressure drop ☐
- Drain receiver tank ☐
- Checks on compressor # 3 ☒
- Check oil level ☐

- Check start on pressure drop
 - Drain receiver tank
 - Conduct air dryer switching operation
 - TREND MONITORING AS PER Form
- USI # 16

☐☐☐☒

COOLING WATER SYSTEM

- Do cooling water back wash rotary strainer
- Do cooling water back wash shaft seal
- Check water flows
- Check and clean turbine pit drains

☐☐☒☐

FIRE SYSTEMS

- Simulate fire pump start

☐

Switchyard & Terminal Station

- Visual
- Oil levels (Form UsI - 47)
- Temps (Form UsI - 47)

☒☒☒

Sump Pumps

- Check pump operation

Completed - W.O / W.B
Gonzalo

2014/10/17

PUB-NLH-456 Attachment 2
Page 6 of 17, Isl Int System Power Outages

DIESEL UNIT

- Check oil level ☒
- Check block heaters ☒
- Check coolant ☒
- Start diesel (run for 20 mins) ☒
- Check fuel level ☒
- Check room heater ☒
- Check battery & battery charger ☒
- Check air supply starter ☒

- Check emergency lighting ☒

DAM INSPECTION - USL OPERATORS**USL- 21B****File: 100.40.00/4.5.1.2****Issue Date:****Rev. Date: 00/08/07****Rev. No.: 1****LOCATION: WEST SALMON DAM****ITEMS TO BE CHECKED:**

- | | | |
|-----|--|---|
| 1. | Check heating and lighting. Diesel /Comms building ✓ | € |
| 2. | Check communications telephone ✓ | € |
| 3. | Check diesel batteries & charger ✓ | € |
| 4. | Test run emergency diesel. ✓ | € |
| 5. | Check louvres and fans & heaters . | € |
| 6. | Check heating and lighting structure building ✓ | € |
| 7. | .Check emergency lift battery. X Capital upgrade | € |
| 8. | Check fuel supply X 11 | € |
| 9. | Start emergency lift . X 11 | € |
| 10. | Compare water elevation with ECC reading. | € |
| 11. | Check de-icing units & Adjust if necessary. | € |

Comments:Signature D.O./O.BDate 204-10-17

For 2.10

USL-08

INTAKE

File:

Issue Date: 1998.05.27

Rev. Date:

Rev. No.

Location: Upper Salmon Intake

ITEMS TO BE CHECKED:

- | | | |
|----|---|---|
| ①. | Check heating and lighting. ✓ | € |
| 2. | Compare water elevation with ECC reading. | € |
| 3. | Check air hose on site for frazil ice compressor. | € |
| 4. | Check frazil ice air compressor run compressor until cut-out & open drain valve | € |
| ⑤. | Check communication telephone ✓ | |
| 6. | Check well for ice & gate position cable | € |

COMMENTS:

Signature: W.O./O.B.

Date 2014-10-17



VIA MICHA SC40A From BDE

Check operation of compressors drain air receiver tank for start/stop

☐

Check compressor filters manual operate drain valve.

☐

Check water pressure shaft seal

☐

Record governor sump level oil level pump cut out _____

☐

Record governor pump cut-in cutout pressure _____

☐

Record governor pump run time pumping _____

☐

Check for abnormal noise or water leaks

☐

Check sumps for oil

☐

Check sump pump room area

☐

Check turbine pit area

☐

Check for signs of oil leaks

☐

Check fire pump room heating

Check unwatering pumps for operation and alarms

☒

Check alarms microscada

☒

Complete trend monitoring

☒Record Oil levels. GEN 22.85 Turbine 177.90☒

Check battery charger operations

☒

Check battery bank condition & acid level

☐

Check diesel room heating & condition

☐

Start diesel & run 20 mins

☐

Inspect fuel storage day tank level

Completed Monthly☒

Check fire system

☒

Trend Monitoring completed From Bde
Granite Computer
A.C.

wo /w.B

2014-10-16

Conduct inspection of accommodations

Chlorination System

☐

Check intake heaters.

☐

Check operation frazil ice comp

☐

Check ice-away units by-pass

☐

Check trashrack area.

COMMENTS: _____

Completed By: _____

Date: _____

Check List for CAT

- ✓ Bearing temperatures and flows
- ✓ Bearing oil levels
- ✓ Check needle leakages. Ensure trough drains are clear and sump pumps are operational
- ✓ Governor oil temp, level, and pressure
- ✓ Lead/lag compressors
- ✓ Reset all alarms and flags
- ✓ Run up Diesel and check voltage and temperatures
- ✓ Check differential on low/high air system filters
- ✓ Station service and main transformer temperatures and oil levels
- ✓ Flashlights in chargers
- ✓ Diesel fuel and gasoline on site
- ✓ Vehicles/snowmobiles fuelled up
- ✓ All communications systems ok (Telephones, VHF, Satellite Phone)

Notes/Concerns:

- Coney Arm Line not available for Station Service
- Powerhouse Heating in the event of an extended unit outage
- Problems with S/V Controls may prevent/delay valve opening or closing
- Backup cooling water from the penstock not fully operational. Not fully commissioned.

Gonzalo

A. Crant



Severe Weather Preparedness Procedure
Clarence Payne to: Alvin Crant

10/17/2014 07:48 AM

Met and discussed the severe weather preparedness procedure with the operators yesterday .
One of the suggestions that they had was to have a site specific check list . Is that something
that is being considered for each plant?

Regards



Clarence Payne
Tech./Operations Supv. Western
Hydro Generation
Newfoundland and Labrador Hydro - a Nalcor Energy company
t. 709-635-7233 c. 709 636-1507 f. 709-635-7266
e. CPayne@nlh.nl.ca
w. www.nlh.nl.ca



Severe Weather Preparedness Checklist

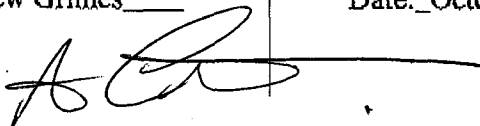
GONZALO 2014-10-17 CP/AG

Date: 2014/10/17	Location: Cat Arm
Current and Forecasted Weather	
Current Weather: Cloudy	
Forecasted Weather: Wind and Rain for Oct 18/19	
Things to think about before preparing	
<input checked="" type="checkbox"/> Do workers know and understand the tasks? <input type="checkbox"/> Have all workers been given orientations? (Is there an orientation or training for working in severe weather?) <input checked="" type="checkbox"/> Ensure Tailboards are completed prior to start of work <input checked="" type="checkbox"/> Communicate forecasted weather conditions to all employees. Keep employees updated on changing conditions <input checked="" type="checkbox"/> Are all proper tools available for job? <input checked="" type="checkbox"/> Ensure employees have Proper PPE for working in extreme weather conditions <input type="checkbox"/> Will employees be working alone? If yes, circulate the working alone procedure for review. <input checked="" type="checkbox"/> Have environmental aspects been considered?	
Emergency Information	
Emergency response plan(s) in place? <input checked="" type="checkbox"/> Yes	
Has it been communicated to all required personnel? <input checked="" type="checkbox"/> Yes	
Nearest medical facility: JACKSON'S ARM CLINIC - 25 KM DEER LAKE CLINIC - 135 KM	
Emergency Contact Numbers	
1. 882-2666	3. 737-1957
2. 882-3122	4. 882-3139

Severe Weather Preparedness	
Safety	Trucks/Snowmobiles/Atv's/Trail Groomer
<input checked="" type="checkbox"/> Consider holding safety briefings with available staff <input checked="" type="checkbox"/> Ensure workers are familiar with the safety tools and procedures associated with severe weather <input checked="" type="checkbox"/> Tailboard <input checked="" type="checkbox"/> Step Back 5x5 <input checked="" type="checkbox"/> Proper PPE for Weather conditions	<input checked="" type="checkbox"/> Fuel all vehicles <input type="checkbox"/> Equip trucks with special tools and equipment as required (chains, tow straps, shovel etc) <input type="checkbox"/> Provide on call supervisors with a company vehicle <input type="checkbox"/> Consider having other staff take company vehicles home (heavy equipment, GMB & Fron Line Supv's) <input checked="" type="checkbox"/> Ensure truck radios are working
Tools and Equipment	Buildings
<input checked="" type="checkbox"/> Test portable generators, standby diesels generators <input checked="" type="checkbox"/> Test tools as required <input checked="" type="checkbox"/> Ensure on site fuel supply available & working	<input type="checkbox"/> Schedule additional snow removal <input type="checkbox"/> Consider renting portable generators for buildings not equipped with a backup <input type="checkbox"/> Check ability to alter temperature controls in buildings to override normal after-hour temperature settings
Substation and Generation	Stores/warehouse
<input type="checkbox"/> Consider location and availability of portable generation. Re-deploy as required <input checked="" type="checkbox"/> Ensure fuel Supply for system generators	<input type="checkbox"/> Ensure all stores have proper staffing levels <input type="checkbox"/> Check stock levels for items likely needed during storm.

Gonzalez

Operations Staff <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Notify Staff of forecasted storm. Consider scheduling staff to work outside of normal working hours to ensure quick response <input checked="" type="checkbox"/> Equip Supervisors with up to date staff listings and contact information <input type="checkbox"/> Consider re-deploying staff to areas most likely impacted by the severe weather <input checked="" type="checkbox"/> Put technical staff on notice of pending storm <input type="checkbox"/> Consider enhancing staff levels at control rooms & powerhouses. <input type="checkbox"/> Ensure IS team is in place. <input type="checkbox"/> Ensure support and costumer service staffs are aware if the forecasted weather <input type="checkbox"/> Ensure Protection and Control Engineering are aware of the pending weather and that contact information is available 	Transportation <ul style="list-style-type: none"> <input type="checkbox"/> Where possible, put a rush on maintenance or repair work for any company vehicle <input checked="" type="checkbox"/> Complete inspections of additional equipment and vehicles (four wheel drive trucks, snowmobiles, ATVs and specialized vehicles) <input type="checkbox"/> Notify garages and mechanics of forecasted storm <input type="checkbox"/> Confirm after hour contacts with government departmens for snow clearing. <input type="checkbox"/> Arrange for any necessary escorts
Communications <ul style="list-style-type: none"> <input type="checkbox"/> Hold a pre-event coordination call to coordinate response activities <input type="checkbox"/> Consider additional communication with on-call personnel to ensure rediness to respond <input checked="" type="checkbox"/> Check availability of Satellite Phones, ensure they are charges and working <input type="checkbox"/> Ensure appropriate staff have cell phones. Ensure adequate cell phone chargers and spare batteries are available <input checked="" type="checkbox"/> Charge and test portable radios <input checked="" type="checkbox"/> Test area office base station radios 	System Security <ul style="list-style-type: none"> <input type="checkbox"/> Make extra effort to correct any adnormal system conditions <input type="checkbox"/> Where practical consider suspending construction on capital jobs to return the system to normal <input type="checkbox"/> Consider developing a contingency plan for any abnormal conditions that cannot be corrected <input type="checkbox"/> Consider protection changes above normal settings <input type="checkbox"/> Key access if card access not working.
Contractors <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Confirm Contractor's emergency contact information <input type="checkbox"/> Confirm their available resources and their ability to assist <input type="checkbox"/> Ensure Snow clearing contractors are on alert and available 	Customer Service and Communications Hub <ul style="list-style-type: none"> <input type="checkbox"/> Confirm area connections to the communications hub. Ensure an area person is assigned to communicate with the hub <input type="checkbox"/> Consider assigning a communications hub member to the ECC <input type="checkbox"/> Communicate with Customer Service to determine their requirement for remote <input type="checkbox"/> Check availability of local customer service staff
Accommodations <ul style="list-style-type: none"> <input type="checkbox"/> Contact local hotels to determine availability of rooms in the event that crews are moved into the area. Consider reserving a block of rooms. <input checked="" type="checkbox"/> Hydro Generation accomodations are ready & avialable <input checked="" type="checkbox"/> Investigate potential resolution of no food service being available to staff in emergency situations. <input type="checkbox"/> Supply of food at Remote accomodations 	Finance <ul style="list-style-type: none"> <input type="checkbox"/> Arrange for numbers to be used for charging the storm. Communicate to staff
Government <ul style="list-style-type: none"> <input type="checkbox"/> Prior to the storm, confirm contacts for emergency snow clearing with the Department of Transportation <input checked="" type="checkbox"/> Ensure updates contact lists are available for surrounding municipalities 	

Reviewed by: Andrew GrimesDate: October 17, 2014




NEWFOUNDLAND AND LABRADOR HYDRO
STATION DIARY

PUB-NLH-456, Attachment 2

Page 16 of 17

Isl Int System Power Outages

DATE 2014-10-17

SHEET 2 OF 3

STATION BDF Gen. Sta.

TIME	DIARY
0615	Unit #6 given a start.
0625	Unit #6 synch.
0654	R.A.T. crew on surge tanks #3.
0702	Unit #2 given a start.
0714	Unit #2 synch.
0725	10L added to Unit #5 turbine brg. (260 mm).
<div>Off Duty <u>G. Newman</u> at <u>0800</u> hrs Off Duty <u>R. Fudge</u> at <u>0800</u> hrs Diary read, conditions understood, and station taken over by: <u>E. Kels</u> at <u>0840</u> hrs <u>J. Love</u> at <u>0840</u> hrs</div>	
X 0814	Diesel given a start pulse in preparation of Storm on Sunday. GONZALO
X 0844	Diesel given a stop.
1042	Fire Zone on North End repaired and closed back in to Normal Service.



NEWFOUNDLAND AND LABRADOR HYDRO STATION DIARY

DATE 2014-10-17SHEET 3 OF 3STATION BDE Gun Sta

TIME	DIARY
1247	Five zones 29, 28, 31 & 32 open for B!W permit # 0960050
1546	N. Hennessy Signed off of Surge Tank #3
	<div> Off Duty <u>E. Park</u> at <u>2:00</u> hrs Off Duty <u>J. Lorde</u> at <u>2:00</u> hrs Diary read, conditions understood, and station taken over by: <u>B. Hines</u> at <u>2:00</u> hrs <u>C. K. / K. M.</u> at <u>2:00</u> hrs </div>
2128	Unit #2 given stop.
2143	B2T2-1 confirmed open. B1T2 closed.
2246	Unit #6 given stop
2315	B3T2-1 confirmed open. B3T6 closed.
2345	Unit #4 given stop.
2359	B2T4-1 confirmed open B2T4 closed.



Ingemar J. Dear

See Attached list.

Severe Weather Preparedness Checklist

Date: 2014-10-16	Location: Whitbourne
Current and Forecasted Weather: Weekend Storm - GONZALO.	
Things to think about before preparing	
<input checked="" type="checkbox"/> Do workers know and understand the tasks? <input checked="" type="checkbox"/> Have all workers been given orientations? (Is there an orientation or training for working in severe weather?) <input checked="" type="checkbox"/> Ensure Tailboards are completed prior to start of work <input checked="" type="checkbox"/> Communicate forecasted weather conditions to all employees. Keep employees updated on changing conditions <input checked="" type="checkbox"/> Are all proper tools available for job? <input checked="" type="checkbox"/> Ensure employees have Proper PPE for working in extreme weather conditions <input checked="" type="checkbox"/> Will employees be working alone? If yes, circulate the working alone procedure for review. <input checked="" type="checkbox"/> Have environmental aspects been considered?	
Emergency Information	
Emergency response plan(s) in place? <input checked="" type="checkbox"/> Yes	
Has it been communicated to all required personnel? <input checked="" type="checkbox"/> Yes	
Nearest medical facility: Whitbourne Hospital / Clinic	
Emergency Contact Numbers	
1. 709-759-2300 Clinic	3. Ambulance 709-759-2691
2. 709-582-1111 Fire Department	4. 709-737-1957 or 1958 EOC
Coast Guard 1-800-563-9089 St. John's	
Severe Weather Preparedness	
Safety <input checked="" type="checkbox"/> Consider holding safety briefings with available staff <input checked="" type="checkbox"/> Ensure workers are familiar with the safety tools and procedures associated with severe weather <input checked="" type="checkbox"/> Tailboard <input checked="" type="checkbox"/> Step Back 5x5 <input checked="" type="checkbox"/> Proper PPE for Weather conditions Dave Hicks - Veg. Control. 486-6380. Wayne Lidster: 682-1250 Environmental Contact.	Trucks <input checked="" type="checkbox"/> Fuel all vehicles <input checked="" type="checkbox"/> Ensure Distribution line trucks are stocked with critical spare parts and consumables <input checked="" type="checkbox"/> Equip trucks with special tools and equipment as required <input checked="" type="checkbox"/> Ensure distribution line workers and distribution front line supervisors have company vehicles at home <input checked="" type="checkbox"/> Provide on call supervisors with a company vehicle <input checked="" type="checkbox"/> Consider having other staff take company vehicles home Workers. <input checked="" type="checkbox"/> Ensure truck radios are working Done.
Tools and Equipment <input checked="" type="checkbox"/> Test portable generators, standby diesels and gas turbines <input checked="" type="checkbox"/> Test tools as required <input checked="" type="checkbox"/> Ensure fuel supply available	Buildings <input checked="" type="checkbox"/> Schedule additional snow removal <input checked="" type="checkbox"/> Consider renting portable generators for buildings not equipped with a backup H&R Enterprises <input checked="" type="checkbox"/> Check ability to alter temperature controls in buildings to override normal after-hour temperature settings Air Conditioning Suits down after 4 PM.
Substation and Generation <input checked="" type="checkbox"/> Consider location and availability of portable generation and portable substations. Re-deploy as required <input checked="" type="checkbox"/> Ensure fuel Supply for system generators	Stores - Not sure this applies to us (or maybe diff name) <input checked="" type="checkbox"/> Ensure all stores have proper staffing levels <input checked="" type="checkbox"/> Check stock levels for items likely needed during storms Gloves, Glasses, Hats, Emergency Stock. <input type="checkbox"/> Consider confirming the supply of poles on the island

Planner Gary Roseworthy 709-258-2301

Operations Staff <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Notify Staff of forecasted storm. Consider scheduling staff to work outside of normal working hours to ensure quick response <input checked="" type="checkbox"/> Equip Supervisors with up to date staff listings and contact information <input checked="" type="checkbox"/> Consider re-deploying staff to areas most likely impacted by the severe weather <i>Denis/Roscoe</i> <input checked="" type="checkbox"/> Put technical staff on notice of pending storm <input checked="" type="checkbox"/> Ensure support and costumer service staffs are aware if the forcasted weather <input checked="" type="checkbox"/> Consider enhancing staff levels at ECC and other control rooms <input checked="" type="checkbox"/> Ensure IS support team is in place <input checked="" type="checkbox"/> Ensure Protection and Control Engineering are aware of the pending weather and that contact information is available 	Transportation <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Where possible, put a rush on maintenance or repair work for any company vehicle <input checked="" type="checkbox"/> Complete inspections of additional equipment and vehicles (four wheel drive trucks, snowmobiles, ATVs and specialized vehicles) <input checked="" type="checkbox"/> Notify garages and mechanics of forecasted storm <i>JNT Auto & Dalls.</i> <input checked="" type="checkbox"/> Confirm after hour contacts with government departments in the event that permits are required to re-locate portable equipment, or obtain permits in advance <input checked="" type="checkbox"/> Confirm the availability of tractors or other equipment to relocate portable equipment <i>Kings Transport</i> <input checked="" type="checkbox"/> Arrange for any necessary escorts
Communications <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Hold a pre-event coordination call to coordinate response activities <i>Talked to Stations & P&C.</i> <input checked="" type="checkbox"/> Consider additional communication with on-call personnel to ensure rediness to respond <i>Rod Champion</i> <input checked="" type="checkbox"/> Contact NF Power for generation Status <input checked="" type="checkbox"/> Check availability of Satellite Phones, ensure they are charges and working - <input checked="" type="checkbox"/> Ensure appropriate staff have cell phones. Ensure adequate cell phone chargers and spare batteries are available <input checked="" type="checkbox"/> Charge and test portable radios <input checked="" type="checkbox"/> Test area office base station radios 	System Security <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Make extra effort to correct any adnormal system conditions <input checked="" type="checkbox"/> Where practical consider suspending construction on capital jobs to return the system to normal <input checked="" type="checkbox"/> Consider developing a contingency plan for any abnormal conditions that cannot be corrected <input checked="" type="checkbox"/> Consider protection changes above normal settings <p><i>B&C Controls.</i></p>
Contractors <ul style="list-style-type: none"> <input type="checkbox"/> Put contractors on notice of pending storm and ask that they prepare <i>Emeva-</i> <input checked="" type="checkbox"/> Confirm Contractor's emergency contact information <input checked="" type="checkbox"/> Confirm their available resources and their ability to assist <input checked="" type="checkbox"/> Ensure Snow clearing contractors are on alert and available 	Customer Service and Communications Hub <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Confirm area connections to the communications hub. Ensure an area person is assigned to communicate with the hub <i>Talked to ECC.</i> <input checked="" type="checkbox"/> Consider assigning a communications hub member to the ECC <i>Ingenier J. Deane 682-0580</i> <input type="checkbox"/> Communicate with Customer Service to determine their requirement for remote <input type="checkbox"/> Check the availability of local Costumer Service Staff
Accommodations <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Contact local hotels to determine availability of rooms in the event that crews are moved into the area. Consider reserving a block of rooms. 	Finance <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Arrange for numbers to be used for charging the storm. Communicate to staff <i>Pending - GonZALO WO#1079204</i>
Government <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Prior to the storm, confirm contacts for emergency snow clearing with the Department of Transportation <input checked="" type="checkbox"/> Ensure updates contact lists are available for surrounding municipalities 	Other Utilities <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Coordinate response with Newfoundland Power <i>ECC will do this for us.</i>

*V-7030 will be 2 Goobies for the weekend.
WO# 1079168 - -*

Pending - GonZALO WO# 1079204

STATIONS & LINES

DAY, R	Elect/Mech. Supervisor	Old Shop.....	Cellular 682-5546/Res:582-2899
WALSH, W.	Electrical Maint. A	Holyrood	231-2217
DOWNING, W	Electrical Maint. A	Harbour Grace	596-2015
PENNEY, M.....	Mechanical Maint. A	Holyrood	229-4962
TOBIN, B	Mechanical Maint. A	Bay Roberts	786-7946
DEAN, W	Terminal Maint. A	Victoria.....	596-2554
HOSKINS, D.....	Terminal Maint. A	New Harbour	582-2514
THORNE, G.....	Terminal Maint. A	New Harbour	582-2491
DEERING, B.....	Terminal Maint.....	New Harbour	582-1114
ORGAN, I	Electrical Maint. A	St. John's.....	725-2210

DEAN, I.....	Lines Supervisor	Victoria	Cellular 682-0580/Res:596-7541
SLADE, P	Line Worker A.....	Mount Pearl	690-8837
JONES, T.	Line Worker A.....	Victoria.....	596-1845
HOSKINS, J.....	Line Worker A.....	New Harbour	582-2762
ROSE, J.....	Line Worker A.....	Paradise	725-2486
COLLINS, P.....	Line Worker A.....	Mount Pearl	770-1886
HUDSON, T.....	Line Worker A.....	Goulds	237-2740

PROTECTION & CONTROL

KING, D	P & C Supervisor.....	Bay Roberts	Cellular 682-5717/Res:786-4572
MORRISSEY R.	Technologist.....	Holyrood	231-2217
HOPKINS, L	Technologist.....	Green's Harbour	582-3217
MCDONALD, J	Technologist.....	Carbonear.....	596-3177
SLANEY, T.	Technologist.....	Seal Cove	744-2662
WILLCOTT, J.....	Technologist.....	Goulds	748-2467

OFFICE

BROWN, D	Administration Officer.....	Harbour Main.....	229-2904
BRUCE, R	Office Clerk	Long Cove	592-2209

STATIONS & GAS TURBINE

SUNNYSIDE Terminal Station	Sunnyside.....	737-4184 or 472-4484	
COME BY CHANCE Terminal Station	Come By Chance	737-4183 or 682-2294	
WESTERN AVALON Terminal Station	Chapel Arm.....	737-4181 or 592-2810	
LONG HARBOUR Terminal Station	Long Harbour.....	737-4185	
HOLYROOD SWITCHYARD.....	Harbour Main	737-4186 or 229-2704	
HOLYROOD CONTROL ROOM OFFICE, (After Hours).....		229-2132 or 229-7804	
HARDWOODS Terminal Station	St. John's.....	737-4177 or 364-4853	
OXEN POND Terminal Station... ..	St. John's	737-4176 or 722-1889	
ENERGY CONTROL CENTRE.. ..	St. John's.....	737-1957	
IF BUSY CALL	St. John's.....	745-3116	
HARDWOODS GAS TURBINE.. ..	St. John's.....	364-4856	
O'GRADY, P.....	Cellular 687-0086	St. John's.....	738-3055
CHURCHILL, M.	Manager	Grand Falls - Windsor.....	489-6580
Whitbourne Satellite Phone	Telephone Number	011-8816-4141-9530	
Whitbourne Satellite Phone	Cellular Number	709-683-0194	
Whitbourne Spare Cellular Telephone		709-685-5622	
Protection & Control Spare Cellular Telephone		709-691-3012	
Stations Spare Cellular Telephone		709-691-1104	
Lines Spare Cellular Telephone.		709-683-1395	

FAX NUMBERS TERMINAL STATIONS

HOLYROOD	229-2729
SUNNYSIDE.....	570-5922
WESTERN AVALON	737-1723
COME BY CHANCE.....	737-1956
HARDWOODS	737-1953
OXEN POND	570-5938
HARDWOODS GAS TURBINE.. ..	737-4249

October 17, 2014

Contact Numbers for the Impending storm Hurricane Gonzalo

TRO Central On-Call person for the week beginning October 17 is:

Rodney Champion489-6428(Home)486-2029(Cell)

Vegetation Control: Dave Hicks.....486-6380(cell)

Environmental Contact: Wayne Lidster.....682-1250

Emergency Contractor:

Emera – Vern Smith 427-7629 or

Kevin Harris 427-0162(cell) or 542-3455(home)