



Health & Safety Management System Form:
Quarterly Health & Safety Statistics Report

Monitor:
Director, Health, Safety & Environment

Form #:
12.2

Fiscal 2014	Quarter 4 (Jan. to Mar. 2014)	Report date: April 07, 2014
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1	Comments
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- Page 2: Injury Statistics, Injury Type
- Page 3: Incident Type
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2012 average annual accident severity rate for comparable Canadian Electricity Association utilities: 7.13

2	Definitions
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Exposure Hours

The number of hours worked by NTPC workers. Does not include leave or training.

First Aid Injury

A workplace injury/illness that requires first aid treatment only, whether applied by a first aider or health care provider, and does not result in lost days.

Lost Time Injury

Any workplace injury/illness resulting in lost days beyond the date of injury.

Medical Treatment Injury

An injury of moderate severity that requires treatment beyond first aid from a health care provider, but does not result in lost days.

Recordable Injury

Any workplace injury/illness resulting in a fatality, lost time injury, medical treatment injury, restricted work, significant occupational injury/illness, or loss of consciousness. Does not include first aid injuries.

Restricted Work Injury

Any workplace injury/illness resulting in the modification of the injured worker's duties as prescribed by a health care provider in order to accommodate recovery from the injury.

Frequency Rate

Number of incidents per 200,000 exposure hours.

Reasonable Potential for Harm (RPH)

A generic risk analysis concept in which the potential reasonable consequences of an incident are ranked as high (serious injury/fatality), medium (medical treatment injury), or low (first aid injury).

Severity Rate

Number of days per 200,000 exposure hours.



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3 Injury Statistics (including Contractors)											
Period	Exposure Hours	First Aid Injuries	Recordable Injuries				Restricted Work Injuries		Lost Time Injuries		
			Lost Time	Restricted Work	Medical Treatment	Frequency Rate	Days	Severity Rate	Days	Frequency Rate	Severity Rate
Q1	101,396	1	0	0	1	1.97	0	0	0	0	0
Q2	124,455	3	0	0	2	3.21	0	0	0	0	0
Q3	125,860	1	1	0	0	1.59	53	84.22	16	1.59	25.43
Q4	104,186	0	1	0	0	1.92	0	0	3	1.92	5.76
2014	455,897	5	2	0	3	2.19	53	23.25	19	0.88	8.34

4 Injury Type																	
Period	Bite, sting	Bodily reaction	Caught in, between	Electrical energy	Chemicals, noise, toxics	Extreme Temperatures	Fall from > 3 m	Fall from < 3 m	Fall at same level	Overexertion	Repetitive strain	Rub, scrape, abrade	Struck against	Struck by	Vehicle incident	Other	Total
Q1	0	0	1	0	0	0	0	0	2	0	1	1	0	0	0	2	7
Q2	0	0	0	0	1	0	0	1	0	0	0	0	1	2	0	0	5
Q3	0	0	1	0	0	2	0	1	0	0	0	0	0	1	0	0	5
Q4	0	0	0	0	0	1	0	0	0	2	1	0	0	0	0	0	4
2014	0	0	2	0	1	3	0	2	2	2	2	1	1	3	0	2	21



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5 Incident Type																			
Period	Communications	Electrical Energy	Environmental	Fire	Illness	Injury Other	Maintenance	Near Miss	Outage	PPE	Procedures	Property Damage	Regulations	Slip, Trip, Fall	Vehicle	Violence	Work Protection	Other	Total
Q1	0	6	0	1	0	6	0	2	0	1	0	8	0	1	7	1	0	0	33
Q2	0	5	6	2	1	4	1	0	1	0	2	3	0	1	2	3	1	1	33
Q3	1	7	2	0	0	4	0	0	0	0	0	7	0	3	3	0	2	0	29
Q4	0	1	11	0	0	4	0	3	0	0	0	6	1	2	6	0	0	1	35
2014	1	19	19	3	1	18	1	5	1	1	2	24	1	7	18	4	3	2	130

6 Concern Report Summary						
Period	#	Date	Location	Description	Resolution	Response
Q1	1	4/03/13	Yellowknife	Cord prong lodged in outlet	Object removed, outlet tested	4/05/13
	2	4/19/13	Hay River	Warehouse gate difficult to open & close	Replace gate	7/02/13
	3	5/21/13	Ft. Resolution	Install switches to protect transformer	Install project budgeted for 2013/14	5/22/13
	4	5/21/13	Hay River	Entranceway mat slips when walked on	Slip prevention measures applied to mats	6/03/13
	5	5/28/13	Fort Liard	Electrical awareness training for operators	Awareness DVDs sent to operators, RCMP	6/03/13
	6	6/03/13	Fort Smith	Add SCADA controlled items to single lines	Single line diagrams undergoing updating	6/08/13
	7	6/03/13	Fort Smith	Install more distribution switches	To be installed summer 2013	6/08/13
	8	6/07/13	Inuvik	Office door unlocked during staff BBQ	Discussed at H&S meeting, ensure locked	6/12/13
	9	6/07/13	Tuktoyaktuk	Fuel line fire protection needed	Purchase and install new fire valve	6/12/13
	10	6/08/13	Snare Hydro	Remote/local panel control when switching	Isolation, locking, & tagging was complete	6/18/13
	11	6/10/13	Inuvik	EMD wash bay pad grating damaged	Wash bay pad repaired	6/10/13
	12	6/18/13	Hay River	Head office ant pesticide spraying	Provide 2 days' notice, MSDS available	7/23/13
	13	6/24/13	Hay River	Head Office railing weld broken	Weld repaired	7/16/13
	14	6/25/13	Snare Hydro	Airstrip conditions	Grade strip, consider upgrade - capital plan	7/23/13
Q2	1	7/03/13	Inuvik	Contractors smoking in NTPC vehicles	Contractor reminded of NTPC policy	7/06/13
	2	7/03/13	Inuvik	Contractor night shift communication	Contractors are English, can contact EMTs	7/06/13
	3	7/03/13	Inuvik	Contractors using NTPC vehicles	Contractors must hold valid driver's license	7/06/13
	4	7/03/13	Inuvik	Unreported vehicle door damage	Damage was noted on checklist	7/07/13

6 Concern Report Summary							
Period	#	Date	Location	Description	Resolution	Response	
	5	7/03/13	Inuvik	Unreported K-Plant door damage	Incident report was filed within 24 hours	7/07/13	
	6	7/04/13	Inuvik	EMD Plant Roof Fall Protection	Fall protection meets safety requirements	7/06/13	
	7	7/11/13	Hay River	Grab bar loose in men's washroom	Re-fasten grab bar to wall	7/12/13	
	8	7/11/13	Ulukhaktok	Fuel tank keeps filling day tank	Engineering inspected, valve replaced	7/16/13	
	9	7/15/13	Norman Wells	Leaning pole and overgrown trees	Brush line, inspect leaning poles and repair	7/18/13	
	10	7/18/13	Inuvik	New warehouse light hanging from ceiling	Contractor to reinstall fixture correctly	7/18/13	
	11	7/24/13	Hay River	Cord prong lodged in outlet	Object removed	7/25/13	
	12	7/25/13	Inuvik	Arc flash hazard analysis labels & training	Training requested, AF analysis ongoing	7/26/13	
	13	7/25/13	Inuvik	Sewage lift station black mold	Sampling, PPE on door, added to cap plan	7/26/13	
	14	7/25/13	Inuvik	Welding permits - certificate # required?	Welding certificate is required as per SRB	7/26/13	
	15	7/25/13	Inuvik	EMD mechanic shop is cold	3 way valve & heating core to be installed	7/26/13	
	16	8/19/13	Hay River	Head Office fire extinguisher missing	Removed for maintenance. Returned.	8/21/13	
	17	8/27/13	Tulita	2-way communications to trucks	Line crew have cells, can be reached	9/27/13	
	18	8/27/13	Tulita	Communication during outages	Ensure positron and UPS work correctly	9/30/13	
	19	9/09/13	Hay River	Head office emergency lights not working	Test/repair/replace faulty lights	9/09/13	
	20	9/16/13	Yellowknife	Linemen Working Alone	Notify second Lineperson when required	9/17/13	
	21	9/16/13	Yellowknife	Plant LED lighting	Test lighting levels, add lights if needed	2/3/14	
	Q3	1	10/01/13	Yellowknife	Project management duties	New H&S Program to provide training	12/11/13
		2	10/01/13	Yellowknife	Line shop fumes	Investigate feasibility of wall construction	1/22/14



6 Concern Report Summary							
Period	#	Date	Location	Description	Resolution	Response	
	3	10/09/13	Hay River	Drafting room egress	Furniture to be changed out	10/09/13	
	4	10/10/13	Yellowknife	Substation FR PPE	FR PPE to be worn in substations (memo)	10/15/13	
	5	10/21/13	NTPC	Service mast installation	T&D, Generation to survey all communities	10/29/13	
	6	10/22/13	Hay River	Head Office No Idle Zone	"No Idling of Diesel Vehicles" signs posted	10/22/13	
	7	10/29/13	Tulita	Fitness equipment request	HR to look at health initiative for all staff	11/19/13	
	8	11/21/13	Fort Smith	Class 1 driver training	Provide Class 1 training as required	12/19/13	
	9	11/21/13	Fort Smith	Rubber glove replacement	Replacement procedure in place	12/10/13	
	10	11/25/13	Taltson	Tower navigation lights need replacing	Tower navigation lights replaced	11/25/13	
	11	12/11/13	Fort Simpson	Hard hat liner	Meets CSA standard, new hats coming	1/21/14	
	12	12/11/13	Fort Simpson	Solar site backfeed	Research and implement solution	1/24/14	
	13	12/18/13	Snare Hydro	Tie sub breaker heating	Replace heaters, install insulated blankets	2/3/14	
	Q4	1	1/08/14	Yellowknife	K Plant compressor wiring	Electrical Department to review, fix	2/03/14
		2	1/23/14	Fort Smith	Trees on line ROW	Include in 2014 brushing program	2/14/14
3		2/14/14	Inuvik	Line shop garage door motor	Replace motor	2/21/14	
4		2/17/14	Ulukhaktok	Service truck reliability	Use rental until new truck purchased	2/21/14	
5		3/04/14	Yellowknife	Adding AED location to tailboard form	Added AED location to tailboard form	3/04/14	
6		3/06/14	Inuvik	Loader damage	Repair, investigate, memo to staff	3/07/14	
7		3/31/14	Hay River	Broken outdoor outlet cover	Replace outlet cover	3/31/14	

7.1 Q1 Incident Report Summary					
#	Date	Location	Description	RPH	Type
1	4/02/13	Paulatuk	Vehicle Damage	L	Vehicle
2	4/03/13	Bluefish	Fatality	H	Injury Other
3	4/05/13	Fort Liard	Finger Punctured by Wire	L	Injury Other
4	4/10/13	Fort Simpson	Slip and Fall	M	Slip/Trip/Fall
5	4/11/13	Inuvik	Vehicle Damage	L	Vehicle
6	4/12/13	Inuvik	Knee Sprain	L	Injury Other
7	4/14/13	Tuktoyaktuk	Vehicle Damage	L	Property Damage
8	4/20/13	Inuvik	K-Plant Damage	L	Property Damage
9	4/22/13	Snare Rapids	False Fire Alarm	L	Fire
10	4/23/13	Inuvik	Line Garage Damage	M	Property Damage
11	4/25/13	Fort Simpson	Service Truck Stuck	L	Vehicle
12	4/25/13	Ingrm Trail Sub	Manager no PPE	L	PPE
13	4/29/13	Fort Smith	Back Spasm	L	Injury Other
14	4/30/13	Nahanni Butte	Truck Hooked Phone Line	M	Property Damage
15	5/04/13	Snare Forks	Fender Bender	L	Vehicle
16	5/07/13	Ft. Smith	Felled Tree Line Contact	H	Electrical Energy
17	5/08/13	Snare Airstrip	Truck/Plane Near Miss	H	Vehicle
18	5/11/13	Inuvik	Vehicle Near Miss	M	Near Miss
19	5/13/13	Fort Smith	Arena Fire	M	Electrical Energy
20	5/17/13	Tsiigehtchic	Unit 1 Exhaust Cracked	L	Property Damage
21	5/22/13	Fort Smith	Wire Punctured Hand	L	Injury Other
22	5/22/13	Inuvik	Truck Hooked Phone Line	H	Electrical Energy
23	5/26/13	Fort Resolution	Truck Took Down Line	H	Electrical Energy
24	5/26/13	Fort Liard	Tree on Line	H	Electrical Energy
25	5/30/13	Fort Smith	Tree Felled on Truck	H	Property Damage
26	5/31/13	Hay River	Finger Caught	L	Injury Other
27	6/06/13	Ft. Simpson	Tire Blowout	M	Vehicle



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7.1 Q1 Incident Report Summary					
#	Date	Location	Description	RPH	Type
28	6/07/13	Yellowknife	Struck Pot Hole	L	Vehicle
29	6/07/13	Ft. Liard	House Fire Shorted Line	L	Property Damage
30	6/11/13	Deline	Broken Door Frame	L	Property Damage
31	6/24/13	Ft. Smith	Truck Backup Near Miss	M	Near Miss
32	6/24/13	Inuvik	Verbal Abuse by Public	L	Violence
33	6/25/13	Wrigley	Truck Hooked Phone Line	H	Electrical Energy

*Contractor incidents are shaded orange, public incidents are shaded blue.

7.2 Q2 Incident Report Summary					
#	Date	Location	Description	RPH	Type
1	7/02/13	Inuvik	K-Plant Door Damage	M	Property Damage
2	7/05/13	Gameti	Truck Hooked Phone Line	H	Electrical Energy
3	7/08/13	Snare	Worker Conflict	L	Other
4	7/10/13	Norman Wells	Tree Contacts Line, Fire	H	Electrical Energy
5	7/10/13	Ulukhaktok	Tailgate Handle Broken	L	Property Damage
6	7/11/13	Inuvik	Elbow Bump	L	Injury Other
7	7/15/13	Behchoko	Truck Contacted Line	H	Electrical Energy
8	7/16/13	Colville Lake	Truck Contacted Line	H	Electrical Energy
9	7/16/13	Colville Lake	Fall from Ladder	M	Slip/Trip/Fall
10	7/22/13	Hay River	Vehicle Damage	L	Vehicle
11	7/25/13	Fort Simpson	Thumb Hit	L	Injury Other
12	7/26/13	Bluefish	Oil in Eye	M	Injury Other
13	8/06/13	Inuvik	Load Bank Fire	H	Fire
14	8/12/13	Inuvik	30 L Oil Spill, EMD Plant	L	Environmental
15	8/21/13	Inuvik	Misnamed Feeder	M	Procedures
16	8/21/13	Behchoko	Customer Violence	L	Violence
17	8/23/13	Inuvik	Truck Mirror Broken	L	Vehicle
18	8/23/13	Tulita	Cement Pad Lifted	L	Property Damage
19	8/31/13	Inuvik	5 L Fuel Spill	L	Environmental
20	8/31/13	Fort Simpson	100-300 L Glycol Spill	M	Environmental
21	8/31/13	Fort Simpson	100-200 L Glycol Spill	M	Environmental
22	9/02/13	Colville Lake	0.5 L Fuel Leak	L	Environmental
23	9/04/13	Inuvik	Grinder Debris in Eye	M	Injury Other
24	9/06/13	Behchoko	Auger Stow Cable Broke	M	Maintenance
25	9/09/13	Snare	Ambulance Misused	L	Procedures
26	9/09/13	Yellowknife	Clearance Tag Ignored	L	Work Protection
27	9/12/13	Whati	Glycol Spill - 20 L	L	Environmental

7.2 Q2 Incident Report Summary					
#	Date	Location	Description	RPH	Type
28	9/20/13	Nahanni Butte	Switchgear Smoking	H	Fire
29	9/21/13	Behchoko	Outage - Recloser Trip	L	Outage
30	9/27/13	Fort Resolution	Angry Customer	L	Violence
31	9/27/13	Tulita	Drinking Water Quality	L	Illness
32	9/27/13	Tulita	Meter Base Short	M	Electrical Energy
33	9/28/13	Inuvik	Harassment	L	Violence

*Contractor incidents are shaded orange, public incidents are shaded blue.

7.3 Q3 Incident Report Summary					
#	Date	Location	Description	RPH	Type
1	10/03/13	Yellowknife	Substation Arc Flash	H	Electrical Energy
2	10/05/13	Hay River	Sidewalk Slip, no Fall	L	Slip/Trip/Fall
3	10/07/13	Tulita	Pole Backed Into	M	Property Damage
4	10/08/13	Fort Smith	Improper Transformer Wiring	L	Electrical Energy
5	10/11/13	Inuvik	LNG Bobcat Bent Line	L	Property Damage
6	10/15/13	Inuvik	Digger Truck Hit Building	L	Property Damage
7	10/16/13	Whati	Relay Test Set Failure	L	Electrical Energy
8	10/21/13	Tsiigehtchic	Stolen Power	H	Electrical Energy
9	10/23/13	Tuktoyaktuk	Thumb Burn	L	Injury Other
10	10/23/13	Inuvik	Beam Tipped onto Foot	M	Injury Other
11	10/25/13	Fort Liard	Tree Removed from Line	H	Electrical Energy
12	10/27/13	Fort Smith	No WP Permit Number	L	Work Protection
13	10/28/13	Fort Smith	Vehicle Collision	L	Vehicle
14	10/29/13	Inuvik	Lube Oil Spill (76 L)	L	Environmental
15	10/30/13	Fort Simpson	WP Paperwork	L	Work Protection
16	11/04/13	Paulatuk	Stolen Power	L	Electrical Energy
17	11/07/13	Yellowknife	Slip & Fall	M	Slip/Trip/Fall
18	11/20/13	Yellowknife	Finger Pinched	L	Injury Other
19	11/22/13	Inuvik	Truck Hit Pole	L	Property Damage
20	11/26/13	Sachs Harbour	Truck Hit Pole	L	Property Damage
21	11/29/13	Fort Smith	Bench Damage by Loader	L	Property Damage
22	12/03/13	Snare	Truck Stuck	L	Vehicle
23	12/06/13	Hay River	Outlet Flash	M	Electrical Energy
24	12/13/13	Deline	Transient House Break-in	L	Property Damage
25	12/15/13	Snare	Garage 60 L Fuel Spill	L	Environmental
26	12/16/13	Snare	Fire Alarm Malfunction	L	Communications
27	12/18/13	Yellowknife	Arm Burned - Coffee Pot	L	Injury Other



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7.3	Q3 Incident Report Summary				
#	Date	Location	Description	RPH	Type
28	12/29/13	Snare	Slip & Fall	M	Slip/Trip/Fall
29	12/31/13	Snare	Airplane Flat Tire	L	Vehicle

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7.4 Q4 Incident Report Summary					
#	Date	Location	Description	RPH	Type
1	1/02/14	Fort Good Hope	Glycol Spill - 20 L	L	Environmental
2	1/02/14	Fort Good Hope	Glycol Spill - 20 L	L	Environmental
3	1/05/14	Tuktoyaktuk	Glycol Spill - 50 L	L	Environmental
4	1/07/14	Tuktoyaktuk	Keys Locked in Truck	L	Other
5	1/11/14	Fort Simpson	Glycol Spill - 60 L	L	Environmental
6	1/14/14	Fort Simpson	Oil & Glycol Spill	L	Environmental
7	1/18/14	Aklavik	Trailer Break In	L	Property Damage
8	1/28/14	Inuvik	Mast Damage	L	Property Damage
9	2/04/14	Hay River	Slip, no Fall	L	Slip/Trip/Fall
10	2/04/14	Tuktoyaktuk	Slip	M	Injury Other
11	2/06/14	Hay River	Slip & Fall	L	Slip/Trip/Fall
12	2/06/14	Whati	Finger Hurt	L	Injury Other
13	2/07/14	Inuvik	Truck Stuck	L	Vehicle
14	2/08/14	Inuvik	LNG Release	L	Environmental
15	2/08/14	Sachs Harbour	Frostbite	L	Injury Other
16	2/09/14	Deline	Glycol Spill - 45 L	L	Environmental
17	2/12/14	Nahanni Butte	Plane Flat Tire Landing	L	Vehicle
18	2/15/14	Jean Marie River	Vehicle Damage	L	Vehicle
19	2/18/14	Deline	Brushing near Lines	H	Near Miss
20	2/20/14	Tulita	Meter Base Damage	L	Electrical Energy
21	2/21/14	Tuktoyaktuk	Contractor Alcohol Smell	L	Regulations
22	2/23/14	Aklavik	Vehicle Damage	L	Vehicle
23	2/27/14	Tsiigehtchic	Dozer nearly hit Pole	L	Near Miss
24	2/27/14	Paulatuk	PPD Fuel Spill (400 L)	M	Environmental
25	3/02/14	Tuktoyaktuk	NCV Fuel Spill (5 L)	L	Environmental
26	3/03/14	Inuvik	Glycol Spill (20 L)	L	Environmental
27	3/04/14	Tulita	Vehicle Hit Bollard	L	Property Damage



7.4 Q4 Incident Report Summary					
#	Date	Location	Description	RPH	Type
28	3/06/14	Inuvik	Loader Damage	M	Property Damage
29	3/11/14	Snare	Back Strain	M	Injury Other
30	3/12/14	Inuvik	Pot Left on Stove	L	Near Miss
31	3/13/14	Inuvik	Fuel Spill (1,000 L)	H	Environmental
32	3/16/14	Tulita	Wheel Broke Off	H	Vehicle
33	3/18/14	Fort Simpson	Truck Damage	L	Vehicle
34	3/18/14	Fort Simpson	Phone Line Hooked	M	Property Damage
35	3/18/14	Fort Simpson	Tool Dropped on Vehicle	M	Property Damage

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