



Submission Date: May 5, 2014

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Director, Major Projects
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Re: Follow-up to Spill Reported on April 7th, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On Monday April 7, 2014 at approximately 10:30 am problems were reported with the G203 generator at the Milne Port Complex. Mechanics responded to the area and noticed coolant on the floor of the Genset Building. A malfunction of the radiator caused the fire suppression system to be discharged due to the steam created by the release of the liquid. The suppression system discharged resulting in the release of approximately 130 kg of 3M Novec 1230 to the atmosphere. The coolant was contained within the building structure and there was no coolant released to the adjacent ground surface

Immediate and Follow-Up Action:

Upon further investigation, it was determined that the coupling connection to the radiator was not adequate in the number of the threads on the fitting. This caused the coupling to loosen and release the glycol. This in turn caused vapour which activated the fire suppression system.

Recommendations:

The proper threaded coupling is currently being procured in order to replace the faulty coupling all on Genset units. These are new units and the active Genset is being monitored on a regular basis (i.e.; every two hours or less).

Should you require further information or clarification on the above noted spill, please feel free to contact the undersigned at (647) 253-0596 Ext.6010 or Jim Millard, Environmental Manager, at (902) 403-1337.

Sincerely,

A handwritten signature in black ink, appearing to read "Allan Knight", is written over a light blue horizontal line.

Allan Knight, B.Sc.
Environmental Coordinator

Attach: NT-NU SPILL REPORT

cc. Jim Millard, Trevor Myers, Erik Madsen, Baffinland.
Erik Allain, AANDC, Manager of Licensing (NWB)



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130

FAX: (867) 873-6924

EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR		REPORT TIME		<input type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	OCCURRENCE DATE: MONTH – DAY – YEAR		OCCURRENCE TIME			
C	LAND USE PERMIT NUMBER (IF APPLICABLE)			WATER LICENCE NUMBER (IF APPLICABLE)		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION				REGION <input type="checkbox"/> NWT <input type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE DEGREES MINUTES SECONDS			LONGITUDE DEGREES MINUTES SECONDS		
F	RESPONSIBLE PARTY OR VESSEL NAME		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION			
G	ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION			
H	PRODUCT SPILLED		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
I	SPILL SOURCE		SPILL CAUSE		AREA OF CONTAMINATION IN SQUARE METRES	
J	FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS					
L	REPORTED TO SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLING FROM	TELEPHONE	
M	ANY ALTERNATE CONTACT	POSITION	EMPLOYER	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE	

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLED	REPORT LINE NUMBER
		STATION OPERATOR		YELLOWKNIFE, NT	(867) 920-8130
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS	
LEAD AGENCY					
FIRST SUPPORT AGENCY					
SECOND SUPPORT AGENCY					
THIRD SUPPORT AGENCY					

Figure1: Location of Novec Release Spill April 7, 2014

