

1 Q. Please provide any documentation relating to negotiations between ABB and Hydro  
2 regarding the responsibility for the repair costs.

3

4

5 A. See V-NLH-005 Attachment 1 for documentation relating to negotiations between  
6 Hydro and ABB regarding the responsibility for the repair costs.



RE: Vosey Bay Nickel T1 (125 MVA ABB Transformer, Mfg in St. Louis)

Jerzy Kazmierczak

to:

Hireland@nlh.nl.ca

10/29/2015 01:56 PM

Cc:

Andre Steinberg, "BradEddy@nlh.nl.ca", "DaveHicks@nlh.nl.ca", "PNolan@nlh.nl.ca", "Vince C. McCrum", "MichaelChurchill@nlh.nl.ca", "JenniferWilliams@nalcenergy.com", "Ed G. teNyenhuis", "Phillip K. James"

Hide Details

From: Jerzy Kazmierczak <jerzy.kazmierczak@us.abb.com> Sort List...

To: "Hireland@nlh.nl.ca" <Hireland@nlh.nl.ca>

Cc: Andre Steinberg <andre.steinberg@ca.abb.com>, "BradEddy@nlh.nl.ca" <BradEddy@nlh.nl.ca>, "DaveHicks@nlh.nl.ca" <DaveHicks@nlh.nl.ca>, "PNolan@nlh.nl.ca" <PNolan@nlh.nl.ca>, "Vince C. McCrum" <vince.c.mccrum@ca.abb.com>, "MichaelChurchill@nlh.nl.ca" <MichaelChurchill@nlh.nl.ca>, "JenniferWilliams@nalcenergy.com" <JenniferWilliams@nalcenergy.com>, "Ed G. teNyenhuis" <ed.g.tenyenhuus@ca.abb.com>, "Phillip K. James" <phillip.k.james@us.abb.com>

History: This message has been replied to.

Hello,

The warranty on this transformer has already expired. At this point we can commit to have factory representative participating in the internal inspection.

After the inspection is done we will review the results and evaluate any potential warranty coverage.

Best Regards

Jerzy

---

**From:** Ed G. teNyenhuis

**Sent:** Thursday, October 29, 2015 10:23 AM

**To:** Hireland@nlh.nl.ca

**Cc:** Andre Steinberg <andre.steinberg@ca.abb.com>; BradEddy@nlh.nl.ca; DaveHicks@nlh.nl.ca; Jerzy Kazmierczak <jerzy.kazmierczak@us.abb.com>; PNolan@nlh.nl.ca; Vince C. McCrum <vince.c.mccrum@ca.abb.com>; MichaelChurchill@nlh.nl.ca; JenniferWilliams@nalcenergy.com

**Subject:** RE: Vosey Bay Nickel T1 (125 MVA ABB Transformer, Mfg in St. Louis)

Hughie

I just talked to the St Louis factory and you will get the response today.

Thanks

Ed t.

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**From:** Hireland@nlh.nl.ca [<mailto:Hireland@nlh.nl.ca>]

**Sent:** Thursday, October 29, 2015 10:29 AM

**To:** Ed G. teNyenhuis <[ed.g.tenyenhuus@ca.abb.com](mailto:ed.g.tenyenhuus@ca.abb.com)>

**Cc:** Andre Steinberg <[andre.steinberg@ca.abb.com](mailto:andre.steinberg@ca.abb.com)>; [BradEddy@nlh.nl.ca](mailto:BradEddy@nlh.nl.ca); [DaveHicks@nlh.nl.ca](mailto:DaveHicks@nlh.nl.ca); Jerzy Kazmierczak <[jerzy.kazmierczak@us.abb.com](mailto:jerzy.kazmierczak@us.abb.com)>; [PNolan@nlh.nl.ca](mailto:PNolan@nlh.nl.ca); Vince C. McCrum <[vince.c.mccrum@ca.abb.com](mailto:vince.c.mccrum@ca.abb.com)>; [MichaelChurchill@nlh.nl.ca](mailto:MichaelChurchill@nlh.nl.ca); [JenniferWilliams@nalcenergy.com](mailto:JenniferWilliams@nalcenergy.com)

**Subject:** Re: Vosey Bay Nickel T1 (125 MVA ABB Transformer, Mfg in St. Louis)

Ed,

Can you provide an update on this request.

Regards,

Hughie

Sent from my BlackBerry 10 smartphone on the Bell network.

**From:** Hughie Ireland

**Sent:** Monday, October 26, 2015 5:06 PM

**To:** Ed G. teNyenhuis

**Cc:** Andre Steinberg; [BradEddy@nlh.nl.ca](mailto:BradEddy@nlh.nl.ca); [DaveHicks@nlh.nl.ca](mailto:DaveHicks@nlh.nl.ca); Jerzy Kazmierczak; [PNolan@nlh.nl.ca](mailto:PNolan@nlh.nl.ca); Vince C. McCrum; Michael Churchill; Jennifer Williams

**Subject:** RE: Vosey Bay Nickel T1 (125 MVA ABB Transformer, Mfg in St. Louis)

Ed,

Further to your email below , can you provide ABB's official position regarding what portion of the cost ABB will cover if it is revealed during or following the internal inspection, the gassing is a result of a design or factory defect.

If at all possible we would like your position on this by the end of day Thursday Oct 29, 2015.

Regards



**Hughie Ireland**

Manager Long Term Asset Planning

Transmission & Rural Ops

TRO LT Asset Planning - G & T

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**You owe it to yourself, and your family, to make it home safely every day. What have you done today so that nobody gets hurt?**

"Ed G. teNyenhuis" ---09/30/2015 12:27:44 AM---Hughie The ABB factory has responded with the following position:

From: "Ed G. teNyenhuis" <[ed.g.tenyenhuis@ca.abb.com](mailto:ed.g.tenyenhuis@ca.abb.com)>

To: "[HIreland@nlh.nl.ca](mailto:HIreland@nlh.nl.ca)" <[HIreland@nlh.nl.ca](mailto:HIreland@nlh.nl.ca)>

Cc: "Vince C. McCrum" <[vince.c.mccrum@ca.abb.com](mailto:vince.c.mccrum@ca.abb.com)>, "[BradEddy@nlh.nl.ca](mailto:BradEddy@nlh.nl.ca)" <[BradEddy@nlh.nl.ca](mailto:BradEddy@nlh.nl.ca)>, "[PNolan@nlh.nl.ca](mailto:PNolan@nlh.nl.ca)" <[PNolan@nlh.nl.ca](mailto:PNolan@nlh.nl.ca)>, "[DaveHicks@nlh.nl.ca](mailto:DaveHicks@nlh.nl.ca)" <[DaveHicks@nlh.nl.ca](mailto:DaveHicks@nlh.nl.ca)>, Andre Steinberg <[andre.steinberg@ca.abb.com](mailto:andre.steinberg@ca.abb.com)>, Jerzy Kazmierczak <[jerzy.kazmierczak@us.abb.com](mailto:jerzy.kazmierczak@us.abb.com)>

Date: 09/30/2015 12:27 AM

Subject: RE: Vosey Bay Nickel T1 (125 MVA ABB Transformer, Mfg in St. Louis)

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Hughie

The ABB factory has responded with the following position:

The transformer was delivered in the middle of 2011 and the factory warranty on this unit was 18 months from delivery. The gassing was observed for the first time in February 2015. In this particular case we can offer a factory representative to be present during the internal inspection (performing the internal inspection) and we can also provide the recommendation for the next step based on the result of the inspection.

Regards

Ed teNyenhuis

Technical / Operations Manager

ABB Transformer Service (TRES) Canada

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[ed.g.tenyenhuis@ca.abb.com](mailto:ed.g.tenyenhuis@ca.abb.com)

[www.abb.com/transformerservice](http://www.abb.com/transformerservice),

-----Original Message-----

From: [Hireland@nlh.nl.ca](mailto:Hireland@nlh.nl.ca) [<mailto:Hireland@nlh.nl.ca>]

Sent: Sunday, September 27, 2015 11:21 AM

To: Ed G. teNyenhuis <[ed.g.tenyenhuis@ca.abb.com](mailto:ed.g.tenyenhuis@ca.abb.com)>

Cc: Vince C. McCrum <[vince.c.mccrum@ca.abb.com](mailto:vince.c.mccrum@ca.abb.com)>; [BradEddy@nlh.nl.ca](mailto:BradEddy@nlh.nl.ca); [PNolan@nlh.nl.ca](mailto:PNolan@nlh.nl.ca);

[DaveHicks@nlh.nl.ca](mailto:DaveHicks@nlh.nl.ca)

Subject: Vosey Bay Nickel T1 (125 MVA ABB Transformer, Mfg in St. Louis)

Hi Ed,

I am not sure if you are aware but back in February of this past year we had noticed gassing in T1 at Vosey Bay Nickel Terminal Station. ABB was consulted and later was contracted to complete follow up testing and from this testing there was a recommendation for an internal inspection at a cost of ~\$190 k. This unit is an ABB, Serial Number LL09796-01, 230/13.8 kV, 75/100/125 MVA transformer manufactured in 2011 (Mfg in St. Louis), but has seen very light loading, as the processing facility has not come up on load yet.

We have to prepare a budget proposal to our Public Utility Board (PUB) requesting funds to complete the internal inspection and probable repairs.

This submission is planned to be completed by the middle of this week and we would like ABB's position on Warranty associated with this unit. We would like to have this question answered, as we are sure this will come back to us from the PUB and we would like to know ABB's position prior to

Wednesday of this week.

Regards,

(Embedded image moved to Hughie Ireland  
file: pic27593.jpg) Manager Long Term Asset Planning  
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TRO LT Asset Planning - G & T  
Newfoundland and Labrador Hydro - a Nalcor Energy company  
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