

Gas Storage Operations  
3595 Tecumseh Road  
MOORETOWN ON  
N0N 1M0

**Terry Chupa C.I.M.**  
**Land Agent/Land Contracts Manager**  
Tel 519 862-6008  
Fax 519 862-1168  
Email [terry.chupa@enbridge.com](mailto:terry.chupa@enbridge.com)

January 15, 2008

File Number: L20-094

Chad Anderson  
1327 Moore Line  
Mooretown, ON N0N 1M0

Re: Farm Stray Voltage

Thank you for taking the time to meet with Harald Brecht, Brad Pilon and myself on December 14, 2007 to talk about your letter to us dated November 5, 2007 on the topic of farm stray voltage.

Hopefully you found the meeting as beneficial and informative as we did. The four of us talked about and questioned many aspects of farm stray voltage and related items in both general terms and as related specifically to our operations.

At the end of the meeting, we felt that the topic had been discussed to a reasonable level and that the items mentioned in your letter were addressed to your satisfaction.

As we talked about, attached please find a copy of your letter with Harald's responses inserted after each question.

Please feel free to contact me if you have any further questions or concerns on this matter.

Yours truly,



Terry Chupa C.I.M.  
Land Agent/Land Contracts Manager

c/c Stephen Cain, Ontario Energy Board, 27<sup>th</sup> Floor, 2300 Yonge Street, Toronto, ON M4P 1E4  
Neil McKay, Ontario Energy Board, 27<sup>th</sup> Floor, 2300 Yonge Street, Toronto, ON M4P 1E4

2008-01-16

Page 2

Chad Anderson  
1327 Moore Line  
Mooretown, On.  
N0N 1M0

Terry Chupa  
Land Administrator  
Gas Storage Operations  
Enbridge Gas Distribution Inc.  
3595 Tecumseh Road  
Mooretown, On.  
N0N 1M0

November 5, 2007

Dear Terry,

This evening I attended an information meeting in Wyoming, hosted by the Ontario Energy Board. The purpose was to publicly consult farmers around the issue of the directive by the provincial government to identify the relation of “tingle” or “stray” voltage on the electrical service to farm customers and how this impacts farming. I must admit this was quite an eye-opening session for me, and I left the meeting with many concerns. One concern is around the natural gas pipeline infrastructure here in Lambton County. In one slide of the presentations given, pipelines are mentioned as a possible off farm source of stray voltage, while other people at the meeting told stories around such pipeline scenarios. I could not help but think back to our winter meeting, while in your boardroom attending a meeting as a committee member of the Kent Lambton Enbridge Storage Association (KLESA). One of the items we discussed at this meeting was your preferred route for the proposed Ladysmith 20 inch pipeline. Our committee was suspicious why Enbridge would choose a route through a more productive farming area while at the same time having an existing easement along the Hydro corridor where we felt the pipe was better placed. At that time you and Mr. Philon explained how the new route was chosen in-part due to stray voltage concerns with construction. Latter this summer I had the opportunity to sit in on negotiations as an observer with KLESA on the then preferred route where your project supervisor, Mr. Fairchilds commented there were countless papers on how it would be considered poor pipeline construction practices to install along a Hydro corridor. Then as we know, your company decided to change routes and return to the existing easement along the Hydro corridor. I have no place in suggesting where or where not to construct this new pipeline however I do have three questions to ask:

- 1> Given what I heard tonight and the fact that there are many residences in close proximity of your proposed route, has Enbridge given consideration to the possibility of stray voltage adversely affecting this community?

Enbridge Response

- *No. In our opinion the farm stray voltage being investigated by the OEB and the voltage that may be induced in a pipeline in close proximity to a high-voltage transmission line are not related. The public information released so far by the OEB does not address the issue of induced voltage. We will continue to monitor the OEB's investigation into FSV.*

2> What construction protocols will reduce the possibility of this new pipeline being a vector for stray voltage?

Enbridge Response

- *Enbridge will ensure that the Ladysmith pipeline meets or exceeds the design, operating & maintenance requirements required by Ontario's Oil and Gas Pipeline Systems regulation.*

3> What measures are Enbridge willing to put in place to monitor whether or not there is stray voltage produced as a result of the proximity of the pipeline so close to major electrical transmission line?

Enbridge Response

- *The design (which is currently underway) will include measures to ensure any induced voltage level is within the limits required by regulation. Enbridge's routine maintenance includes measuring the cathodic protection voltage level (used to prevent pipeline corrosion) which will also detect excessive stray voltage.*

Regards,

Chad Anderson

Cc

Eugene Robbins, Mooretown  
Don McCabe, Ontario Federation of Agriculture  
Ted Cowan, Ontario Federation of Agriculture  
Stephen Cain, Ontario Energy Board  
David Core, CAPLA