May 20th, 2008

Dear Ms. Hamilton,

Re: FortisBC ~ Certificate of Public Convenience and Necessity for the Okanagan Transmission Reinforcement Project ("OTR Project") ~ Project No. 3698488

Please accept this submission into subject hearing as Evidence # 1a for future reference in subject hearing.

My submitted evidence numbers 1-4, 6-12 and 14 have been extracted from the powerwatch web site. Below is the complete list of all the studies published within the time frame set down by the Commission. FortisBC is challenged to rebut/refute studies with positive biological effects during the public hearing process.

Source: http://www.powerwatch.org.uk/science/studies.asp

Scientific Papers

When it comes to EMF issues, one of the most frequently heard phrases is "There is no evidence to support EMFs having health effects" or simply "There is no conclusive evidence".

We believe that this is completely wrong; there is an enormous body of evidence out there, but public and even academic awareness seems to be very poor. Therefore, we will be presenting a list of papers and ORs which either show serious effects or are considered important papers on the subject which we have collected over the years. This page will be regularly added to.
This study has found effects from the exposure or radiation category

This study has found no effects from the exposure or radiation category

- This study has offered important insights or findings but is neither a positive or null finding

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**Powerlines and Substations, and other Powerfrequency EMF exposure**


P Fadel RA et al, (June 2006) Growth assessment of children exposed to low frequency electromagnetic fields at the Abu Sultan area in Ismailia (Egypt), Anthropol Anz. 2006 Jun;64(2):211-26 [View Comments and Links]


Elwood JM, (February 2006) Childhood leukemia and residential magnetic fields: are pooled analyses more valid than the original studies?, Bioelectromagnetics. 2006 Feb;27(2):112-8 [View Comments and Links]


P Blask DE et al, (December 2005) Melatonin-depleted blood from premenopausal women exposed to light at night stimulates growth of human breast cancer xenografts in nude rats, Cancer Res. 2005 Dec 1;65(23):11174-84 [View Comments and Links]


Yours truly,

Colin Harlingten