



| Mar 01, 2010 - 10:35 AM | 2

## Power plant in wrong location

Re: Trans Canada 900 megawatt natural gas fired thermal power station in Oakville.

During my career I have been responsible for the design/supervision of a number of thermal power stations and without exception they have been located in commercial/industrial non-residential areas.

Quite rightly, much is being made of the emission of air pollutants, but the real problem for the residents in close proximity is noise pollution, which will be at intolerable levels.

The safety concerns are a real factor because there is no odour. Natural gas is still very dangerous. The same also applies to nuclear power, which begs the following questions:

- How long are the gas pipe lines before they have a pump house and where are they located?
- What tests in the sub-strata have been made where the pipe lines come through?
- Have any tests been carried out on the efficiency/safety of the cooling towers design?
- What design provisions have been made to the structure to reduce air borne and impact noises to an acceptable level expected in a residential area?
- The foundations to the turbines (known as turbo blocks) are a critical part of the structural design to the power station, there have been disastrous cases of failure. The design and detail drawings must be checked very thoroughly.
- The turbine house needs to have safety/noise barrier walls. Have these been incorporated in the design?

I understand the cost has been estimated at \$1.6 billion, which is a cause for concern. I believe this is excessive and is an indication of poor design/tender documentation. A similar sized gas-fired power station was designed and built in 1999 (11 years ago) for approximately \$614.5 million and is considered one of the most efficient in the world.

I have been responsible for the project design/supervision of numerous nuclear power stations/research stations all of which were completed within three to five years at a cost in today's money of \$5.2 billion. They are now taking 10-15 years at an estimated cost of \$23 billion for two stations. I was also involved in the design of a hydro-electric power station in northern Québec.

TransCanada is seeking to smoke screen the serious issues in the proposed power station and this must be rectified forthwith. The comments made by purported analysts are made by those with vested interests.

Project Management Consultants (I am the founder) was first registered in 1968 and began trading in 1970.

F. M. HATTON, PROJECT MANAGEMENT CONSULTANTS, OAKVILLE

### User Comments

[Login to comment](#)

Sort comments

### More Stories

#### Opinion

[The Olympic effect](#)

[Coverage of school event appreciated](#)

[Where in Burlington will next location for soccer](#)

#### Letters

[Downtown signs need to go](#)

[Puppy didn't deserve painful injury](#)

### Featured



Christina Comisso, BURLINGTON POST STAFF | Feb 25

**Realistic village provides backdrop for training**

It's a quiet February morning in Shar E Tiefert, a small, war-ravaged Afghan...

**Get Out to the Sugar Bush For great Family Fun!**  
**Now Open Every Weekend.**  
 The Sugar Bush Adventure | The Pancake House  
[www.whitemeadowsfarms.com](http://www.whitemeadowsfarms.com)

### Most Popular

[Read](#) | [Recommended](#) | [Shared](#)

[Today](#) | [This Week](#) | [This Month](#)

[Two thousand join protest](#) (156 Views)

[Queen's Park power plant protest...](#) (54 Views)

[Town offered more time to consider...](#) (49 Views)

[Man pleads guilty in fatal highway...](#) (44 Views)

[Chris Hadfield School principal will be...](#) (39 Views)

**PRINTeditions**  
 Builders, Real Estate,  
 Community Guides and more!

**west**  
 OF THE CITY.COM

stadium be?

Editorial illustrates council's 'hypocrisy'

'A hospital funded for the people, by the people': reader

Festival's request for \$\$\$ hits sour note with resident

Festival headline misleading

Smoking letter draws ire

Student's views 'refreshing'

'Refreshing' view from student

It's doubtful HST will create 600,000 jobs

Kindness: Pass it on

Food bank thanks

Hampers a hit

Do the math on new hospital

Make right choice

Hospital doesn't warrant blank cheque

New hospital worth the expense

## Featured Businesses

### Ancaster Agricultural Society

First Class Banquet, Convention & Agri-Show Facilities. Ancaster Fairgrounds.

### Sideshow Tattoo & Piercing

Halton & Peel region's finest tattoo facility!

### BNR Towing

For all your towing needs. Click here to find out more...

### Simply Golf with David Banks

Private, Group & Corporate Instruction with David Banks.

### Generations Physiotherapy Centre


No Referral Required, Immediate Appointments Available.

### Fun For Fido Inc.


New Puppy? Call us for awareness training 905-453-Fido

### Milton Colour & Sound


Repairs to all makes of LCD, PLASMA & PROJECTION TV's



**Get Out to the Sugar Bush For great Family Fun!**



**The Sugar Bush Adventure Every Weekend 9:30 - 3:30**



**The Pancake House Every Weekend 8:30 - 4:00**

[whitmeadowsfarms.com](http://whitmeadowsfarms.com)



**HomeFinder.ca**  
Find a place to call home

View local real estate listings

**Whocls.ca**

View local car listings



**ourfaves.com**  
DISCOVER THE BEST

View local favourites



**LocalWork.ca**  
YOUR BEST SOURCE FOR LOCAL JOBS

View local job listings



Find a place to rent  
**gottarent.com**

View local apartment rentals

## InsideHalton.com

### InsideHalton

About Us  
Advertise with Us  
Contact Us  
Corporate Sales  
Order a Photo  
Print Editions  
Sitemap  
Work for Us

### Local Info

Announcements  
Jobs  
Cars  
Real Estate  
Rentals  
Classifieds  
Flyers

### Local Sites

BramptonGuardian.com  
CambridgeTimes.ca  
CottageCountryNow.ca  
DurhamRegion.com  
InsideToronto.com  
Mississauga.com  
Simcoe.com  
YorkRegion.com

### Affiliates

Goldbook.ca  
InsuranceHotline.com  
Leasebusters.com  
MyHolidayHomeRental.com  
OurFaves.com  
Save.ca  
Toronto.com

### Daily Newspapers

The Guelph Mercury  
The Hamilton Spectator  
The Toronto Star  
The Waterloo Region Record

