



March 17, 2011

Your file
HAF Wind Energy Project
Our file
10-2089

Mr. Jonathan Veale
Morrison Hershfield Limited
235 Yorkland Boulevard, Suite 600
Toronto, ON
M2J 1T1

RE: Wind Farm: 5 Wind Turbines (See attached spreadsheet) - West Lincoln, ON

Dear Mr. Veale,

We have evaluated the captioned proposal submitted through the NAV CANADA Land Use Submission Process and find that a wind farm at the proposed location will be visible from the Hamilton Radar thus causing the following negative impacts on our operations:

- a) a sizeable number of nuisance (false) primary radar targets in the wind farm geographical limits and its immediate vicinity,
- b) a significant reduction to our capability to identify and track primary surveillance targets in the above mentioned area,
- c) our inability to provide full traffic information to our aviation customers when a primary only surveillance target (s) is in the area,
- d) an increase in the controllers' workload in the affected area,
- e) a decrease in flight safety for aircraft operating in the area,
- f) a potential overload condition in our radar data processing systems, and
- g) a potential requirement to desensitize our primary radar to eliminate false targets as well as real targets if the problem justifies this course of action.

This wind farm will also have the following impacts on nearby airports.

- a) Raise Stoney Creek, ON (CPF6) OCC SW and SE quadrants to 2200 vice 2000 and 1900
- b) Raise Grimsby Airpark, ON (CNZ8) OCC SW quadrant to 2200 vice 1900

Due to the nature and significance of the negative impact on our capabilities and services, NAV CANADA objects to this project moving forward.

If you have any questions, contact the Land Use Department by telephone at 1-866-577-0247 or e-mail at landuse@navcanada.ca.

Yours truly,

A handwritten signature in blue ink, appearing to read "P. Pinard", written over a light blue horizontal line.

Paul W. Pinard
for
Dave Legault
Manager, Data Collection
Aeronautical Information Services

cc ONTR-Ontario Region, Transport Canada (2010-389)
CPF6-STONEY CREEK
Jacques Lemire, NAV CANADA, Surveillance Operational Systems Requirements Specialist
Dave Parco, NAV CANADA, MATCOR
Madeleine Ménard, NAV CANADA, Assistant General Counsel
Jeff MacDonald, NAV CANADA, Director - Operations Planning and Programs
Grimsby Airpark