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Subject: Re: Comments on CSC Finding of Facts Docket 192B
Date: Friday, May 08, 2015 12:04:51 AM

Sent from my Verizon Wireless 4G LTE DROID

Marian Larkin <bedlamfarm@aol.com> wrote:

Re. Docket 192B - Towantic Energy, LLC Motion to Reopen and Modify the June 23, 1999 Certificate of Environmental Comparability and Public Need based on changed conditions pursuant to Connecticut General Statutes Section 4-181a(b) for the construction, maintenance and operation of a 785 MW dual-fuel combined cycle electric generating facility located north of the Prokoo Road and Towantic Hill Road intersection in the Town of Oxford, Connecticut

May 7, 2015

Dear Chairman Stein and Members of the Connecticut Siting Council,

Generally speaking the facts presented are predominantly either from the Council's own discovery or CPV.

Facts are missing:

There is no mention of the fact that the stack heights of 150' are not at a height considered to be "good engineering practice (GEP)" as presented by Dr Egan and agreed upon by CPV.

The stacks were lowered in an attempt to ameliorate a still dangerous situation for aircraft which in turn increases concentrations of downwashed pollutants.

Dr. Egan said, "The adverse pollution effects will be larger under conditions of low load and during low wind speed night time hours when temperature inversions limit the vertical dispersion of pollutants." Please include this to the FOF.

The high heat buoyant plumes rising to great height and the high velocity exit gases from the plant cause vigorous turbulence rising from the plant creates a danger to light weight aircraft. Please add language extracted from Dr. Egan's testimony reflecting this fact.

Dr. Egan noted that the Towantic air modelling was not done at the local airport. He suggests upgrading of the AWOS station at the Waterbury-Oxford Airport to ASOS capability and running AERMOD after one year of newly collected data for better prediction of plume dispersion and trajectories. This fact should also be mentioned.

The Larkin State Bridle Trail is not only a recreational asset to the State but it is also of historic significance (the trail was an early trolley line that coursed its cinder bed connecting the Towns of Southbury, Oxford, Middlebury and Naugatuck to the City of Waterbury) and will be affected by the smell of incomplete combustion of methane and varying, unpredictable loud noises emanating (roaring, loud banging, the hissing of steam releases, start ups and stops and whining) from the plant as well as the high concentration of PM2.5 due to downwash.

Please add this to the FOF as well.

Thank you for considering the above and other omitted facts put forward by the opposition.

Sincerely,

Marian Larkin

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