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Sent: Thursday, March 01, 2018 7:09 PM

To: Asim Haque - PUCO (Asim.haque@puco.ohio.gov)

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Subject: RE: Wind Turbines – Peer Reviewed Literature

Enclosed please find a 2015 study of blade shear and ice throw effects of the rapidly increasing occurrence of wind turbine accidents around the world (see p. 152, the second page of the enclosed). The study demonstrates that blade shear fragments can travel 700 meters to 2 kilometers, and ice throw distances range from 100-600 meters. Also of interest is table 1, showing setback distances around the world, the vast majority of which exceed current Ohio law and vastly exceed those proposed by SB 238.

I highly recommend that OPSB staff undergo a careful review of this study as their history demonstrates scant attention to these objects of wind farm development.

While I do not expect those to whom I have enclosed this memo to read the technical details of the study, the first two pages are highly interesting and counsel great caution before Ohio should reduce (or allow local governments to reduce) turbine setbacks.

Sincerely,

William J. Seitz

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