Reviewer's report

Title: Health Effects and Wind Turbines: A Review of the Literature

Version: 2 Date: 29 July 2011

Reviewer: Gösta leon Bluhm

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1. I still think it would be better to have a more cautious approach in the conclusion part. Pulsating sound itself can give rise to annoyance and increase the risk for ill health. Pedersen et al also showed a typical dose response effect. Furthermore prediction models in relation to noise from wind plants are not so well developed. Introducing of a new “disturbing” factor in the environment itself especially in a rural environment can of course give rise to disturbance. Visual impact can naturally increase this response. However to sum up I think it at present is to early to exclude noise itself as a main causative factor. I would like to hear your comments on that.

2. Regarding the text on page 6 and 7 I still recommend to reduce the text at least a little and add one or two tables. In my opinion it it would be easier to read in that way.

3. I fully agree with the conclusion that it is important with public consultation and advices before starting a project with wind plants. It is also essential to induce further research in this field. Especially sleep interruption has to be studied as such an effect can give rise to serious physiological health problems. In my opinion experimental studies might also be needed. Maybe you can add some comments regarding potential serious health problems, which have to be studied further..

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.’