

of: CEFUNCYNTAL TURBINE
(Planning B2014/0507)

PREVIOUS
ADDRESS



Feb 12 2016

Dear Tilly Hobbs,

Following our conversation on the phone today, concerning turbine noise, the noise I hear periodically in my house from Cefuncyntal turbine is a sort of low rumble, very deep, a bit like the sound of a distant heavy lorry, or the drone of a distant plane; however, unlike ordinary noise, it seems to pervade the whole room I am in, almost like a deep vibration as if in resonance to the movement of the turbine. It is very disturbing & can't be shut out; it can be heard from any room in the house, & again, unlike ordinary noise, it seems to be greatly magnified indoors compared to outside — in fact, I can't say I notice any noise significantly away from the house, though it is winter at the moment & I am not so often outside, especially at night when other noise which might mask the turbine noise might be lessened.

It is a mechanical noise & comes in waves, & I experience it subjectively as if very close, as if everywhere in the room, but it is the effect of the turbine however, as, in the last few weeks, it has only occurred when the turbine itself has completely ceased from turning, a rare occurrence in the present weather.

It can be heard whether the wind is light or strong, & while it may be masked by very strong & bad weather conditions or by the sound of the radio, it can still be felt as a sort of background drone as soon as there is a quiet moment, however, the noise is quite

② audible & disturbing. It is therefore most noticeable at night & in the early morning, & is especially disturbing when I wish to rest or sleep, so much so that I have begun to experience interference with my sleep, & almost dread the quiet hours at night when this sound is the sole companion to my attempts at rest, the deep peace & calm that used to pervade the nights here at Hysin having been completely destroyed by the invasion of this strange noise.

At a distance of 3 kilometres from the turbine, I did not expect to suffer any noise disturbance, & of course, to assess me I even fails to acknowledge any such possibility, but Hysin has an unobstructed view of the turbine across the valley, & is sited at approximately the same height as the turbine's ground level, & this is my account for why the sound waves have reached this far.

To speak frankly, I have become increasingly distressed by this situation as time goes on, as it means I can't enjoy any peace or quiet in my home, & my quality of life is clearly being degraded.

Yours sincerely,

Michael Pace

Re: PROBLEMS OF LOW FREQUENCY
SOUND FROM CERNYKAL TURBINE
AS HEARD FROM MY PREVIOUS ADDRESS
AT [REDACTED]

PROBABLE
ADVICE

19/3/17.

Dear Mr Bray,

Following letters I wrote to both Poyas planning & later to Environmental Health about the problems I was having with sounds from Cernykhal turbine whilst living at Hysin, & now having left Hysin in February this year, I'd like to just enclose for the records a brief précis of the notes I took on the effects of Cernykhal as a sort of diary during a large part of 2016 & until I left in February.

The one, if necessary, very repetitive, & therefore I am just distilling the few basic points of the problems I experienced which are fairly simply expressed. I should add that the difference in quality of life, sense of well-being & above all, improved & regularisation of sleep & rest patterns as soon as I moved from Hysin, ^{away from} the incessant droning of Cernykhal, was both immediate & a blessed relief after one & a year of very distressing & disturbing attempts to cope with what was really an impossible situation, Hysin cottage having been turned overnight from a haven of tranquillity & deep peace into a nightmare of stress & sleep disturbance.

Although I would have & be affected by the movement of the turbine under nearly all weather conditions, it became clear that certain weather patterns & atmospheric conditions intensified the audibility of the turbine, but I should also point out, which I think I have done in my previous letter, that I ^{could} not get used to the droning within the house, that it is as if in the room all around, that it cannot be shut out either by closing windows or putting in earplugs, though it can to an extent be masked by putting on the radio (not much use if you're trying to sleep) & go to

2) on 24/7. The other important point is that the movement of the turbine is felt as well as heard, like a vibration in the room, & I was, on a number of occasions, able to tell whether the turbine had stopped or started turning without having direct visual contact — I could actually sense, for example, the turbine ~~starting~~ starting up, even though ^{just} moving very slowly; I could sense it rather than hear it.

In general, I could experience noise from the turbine under nearly all conditions if it was moving, & the speed of the turbines did not seem to be a significant issue; the exception seems to have been when the wind was significantly in the east and/or north east, when I could not audibly detect the turbine movement, but it would only take a shift from there to the north & north west for the noise to be evident again.

Since Cotnampton lay due west of me, & our prevailing winds came from the west/south west, days when the wind direction offered me any relief were few & far between, & I could experience noise from both southern & northern winds, & even south-easterlies but it is the westerlies that gave me most problems, 4/5 of our winds all creating very disturbing noise problems for me, & after over lay periods for days or even weeks at a time, which had a cumulatively damaging effect on my ability to rest & sleep, & hence on my health.

As I said, the speed of the turbines did not seem to be an issue, but atmospheric ~~and~~ conditions were, & it ^{was} ~~was~~ the days & nights of my low kil-ching cloud with either rain or no rain, with winds, often relatively light, coming in from the west that created the most prominent noise disturbance forms, as if not only the house acted as a sort of resonance chamber for the low frequency sound waves but also the low clouds, the heaviness of the atmosphere & the generally enclosed feel of the weather also interfered to effect.

Such weather conditions are, of course, very common in winter

(2) & I would offer, in my little diary, the cumulative effects of periods of weather like that which by break in terms of low level it would make me feel a low difficult day to day night by night living was in the house.

Now that I have left home for over a month, I look back & find myself astonished that I managed to cope with the problems as long as I did, because the sort of noise I now experience was of a nature & a capacity to disturb & unsettle that I have never experienced before, & seems wholly unnatural & difficult for either body or mind to process.

I do think this problem of low frequency sound, which forms no part of the consideration of the granting of planning permission or not for these large scale turbines, is an issue which needs to be seriously addressed, & of course, is something that potentially affects areas on a much larger scale (at a distance 3kms in any case) than is conventionally allowed for, & I hope the few details of my own experience given here will be a help in bringing this area of potential noise pollution into greater general awareness.

Yours Sincerely

Michael Pace