
From: [Redacted]
Sent: 12 May 2015 14:14
To: [Redacted]
Subject: 15/01718/FUL DIO-22325
Attachments: 20150512-objection letter.pdf

Good Afternoon

Please find attached the MOD response to planning application 15/01718/FUL.

Kind Regards

**Defence
Infrastructure
Organisation**

Please note that my email address will change in mid May 2015 to [Redacted]

23/06/2015



**Defence
Infrastructure
Organisation**

Your Reference: 15/01718/FUL

Our Reference: 22325

30th April 2015

Please quote in any correspondence: 22325

Site Name: High Moor Farm

Planning Application Number: 15/01718/FUL

Site Address: Beckwithshaw, Harrogate, North Yorkshire, HG3 1QY

Thank you for consulting the Ministry of Defence (MOD) about the above planning application in your communication dated 30th April 2015.

I am writing to inform you that the MOD objects to the proposal. Our assessment has been carried out on the basis that there will be 2 turbines, 48.01 metres in height from ground level to blade tip and located at the grid references below as stated in the planning application or provided by the developer:

1	SE	25637	50605
2	SE	25905	50296

Air Traffic Control (ATC) Radar

The turbines will be 26.2 km from, detectable by, and will cause unacceptable interference to the ATC radar at RAF Linton-on-Ouse.

Wind turbines have been shown to have detrimental effects on the performance of MOD ATC and Range Control radars. These effects include the desensitisation of radar in the vicinity of the turbines, and the creation of "false" aircraft returns which air traffic controllers must treat as real. The desensitisation of radar could result in aircraft not being detected by the radar and therefore not presented to air traffic controllers. Controllers use the radar to separate and sequence both military and civilian aircraft, and in busy uncontrolled airspace radar is the only sure way to do this safely. Maintaining situational awareness of all aircraft movements within the airspace is crucial to achieving a safe and efficient air traffic service, and the integrity of radar data is central to this process. The

creation of "false" aircraft displayed on the radar leads to increased workload for both controllers and aircrews, and may have a significant operational impact. Furthermore, real aircraft returns can be obscured by the turbine's radar returns, making the tracking of conflicting unknown aircraft (the controllers' own traffic) much more difficult.

MOD Safeguarding wishes to be consulted and notified about the progress of planning applications and submissions relating to this proposal to verify that it will not adversely affect defence interests.

I hope this adequately explains our position on the matter. Further information about the effects of wind turbines on MOD interests can be obtained from the following website:

Yours sincerely