

From: [Wilson, Jon Mr \(DIO Estates-SnrSafegdgMgr3\)](#)
To: [Norfolk Vanguard](#)
Subject: 20200424-MOD updated safeguarding position
Date: 24 April 2020 11:18:45
Attachments: [20200424-10040016-Norfolk Vanguard-MOD Postion Update.pdf](#)
[20190205 Norfolk Vanguard DCO Application-MOD Resp.pdf](#)
Importance: High

Dear Sir/Madam,

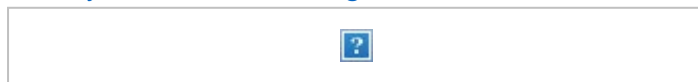
Norfolk Vanguard Offshore Wind Farm Development Consent Order Application - EN010079

Please find attached my letter updating the safeguarding position of the Ministry of Defence (MOD) further to the additional information that was submitted by the applicant for the 28 February 2020 deadline.

Regards,

Jon Wilson | Senior Safeguarding Manager| Safeguarding| Estates |
Defence Infrastructure Organisation | Kingston Road |
Sutton Coldfield | West Midlands | B75 7RL |

████████████████████
Email: jon.wilson106@mod.gov.uk



Website: www.gov.uk/dio/

Twitter: @mod_dio

Read DIO's blog <http://insidedio.blog.gov.uk/>

Due to covid-19 I am working from home until further notice.
In line with the latest guidance, I am working offline where possible to ease the pressure on the IT network, so I will only be checking emails and Skype periodically. This means I might not respond as promptly as usual.

This email has been scanned by the Symantec Email Security.cloud service.
For more information please visit <http://www.symanteccloud.com>



MINISTRY OF DEFENCE

Defence Infrastructure Organisation

Estates - Safeguarding Department

Defence Infrastructure Organisation
Kingston Road
Sutton Coldfield
West Midlands
B75 7RL

Tel: +44 (0)121 311 3781
3781

Tel (MOD): 94421

Fax: +44 (0)121 311 2218

E-mail: DIO-safeguarding-wind@mod.gov.uk

www.mod.uk/DIO

05 February 2019

Your ref: EN010079

DIO ref. 10040016

The Planning Inspectorate
National Infrastructure Directorate
Temple Quay House
Temple Quay
Bristol
BS1 6PN

Dear Sir/Madam,

The Norfolk Vanguard Offshore Wind Farm
Application for a Development Consent Order under Section 56 of the Planning Act 2008,

Further to my letter of 28th January 2019, I write to further update the safeguarding position of the Ministry of Defence (MOD) in relation to the above application to construct and operate the Norfolk Vanguard Offshore wind farm.

The MOD and the applicant have continued their dialogue to agree two Requirements for inclusion in the draft Development Consent Order to implement the safeguarding requirements of the MOD relating to the attachment of aviation lighting to relevant offshore structures and the provision of radar technical mitigation (Requirements 12 and 13, respectively in the draft Development Consent Order).

I can confirm that the both parties have now reached agreement on the wording of these Requirements.

Attached at Annexes A and B are draft Requirements, for the provision of aviation warning lighting and a radar technical mitigation, agreed between the applicant and the MOD that address the comments and concerns that had been raised. The MOD respectfully asks that the Examining Authority includes these Requirements as drafted in a Development Consent Order should this application be approved.

I can confirm that the MOD maintains no safeguarding objection to this application subject to the inclusion of appropriate Requirements (as per Annex A and B) in any Development Consent for this scheme should this application be approved. Should the Examining Authority be minded to alter the wording of the drafted Requirements (as per Annex A and B), the MOD would welcome discussion.

I trust this clarifies our position on this application. Please do not hesitate to contact me should you require further information.

Yours faithfully


Jon Wilson
Senior Safeguarding Officer

Enc. Annexes A and B.

Copied to  – Norfolk Vanguard Limited*

Annex A

Aviation Lighting

Aviation safety

12—(1) The undertaker must exhibit such lights, with such shape, colour and character as are required in writing by Air Navigation Order 2016¹ and/or determined necessary for aviation safety in consultation with the Defence Infrastructure Organisation Safeguarding and as directed by the CAA. Lighting installed specifically to address Ministry of Defence aviation safety requirements will remain operational for the life of the authorised development unless otherwise agreed in writing with the Ministry of Defence.

(2) The undertaker must notify the Defence Infrastructure Organisation Safeguarding, at least 14 days prior to the commencement of the offshore works, in writing of the following information—

- a) the date of the commencement of construction of the offshore works;
- b) the date any wind turbine generators are brought into use;
- c) the maximum height of any construction equipment to be used;
- d) the maximum heights of any wind turbine generator, meteorological mast, offshore electrical platform and accommodation platform to be constructed;
- e) the latitude and longitude of each wind turbine generator, meteorological mast, offshore electrical platform and accommodation platform to be constructed,

and the Defence Infrastructure Organisation Safeguarding must be notified of any changes to the information supplied under this paragraph and of the completion of the construction of the offshore works.

Annex B

Ministry of Defence surveillance operations

13.—(1) No wind turbine generator forming part of the authorised development is permitted to rotate its rotor blades on its horizontal axis until the Secretary of State having consulted with the Ministry of Defence confirms satisfaction in writing that appropriate mitigation will be implemented and maintained for the life of the authorised development and that arrangements have been put in place with the Ministry of Defence to ensure that the approved mitigation is implemented.

(2) For the purposes of this requirement—

- a) “appropriate mitigation” means measures to prevent, or remove any adverse effects which the authorised development will have on the air defence radar at Remote Radar Head (RRH) Trimmingham and the Ministry of Defence’s air surveillance and control operations;
- b) “approved mitigation” means the detailed Radar Mitigation Scheme (RMS) that will set out the appropriate measures to be implemented as agreed with the Ministry of Defence at the time the Secretary of State confirms satisfaction in writing in accordance with sub-paragraph (1);
- c) “Ministry of Defence” means the Ministry of Defence as represented by Defence Infrastructure Organisation – Safeguarding, Kington Road, Sutton Coldfield, B75 7RL or any successor body.

(3) The undertaker must thereafter comply with all other obligations contained within the approved mitigation for the life of the authorised development.



Defence
Infrastructure
Organisation

Jon Wilson
Senior Safeguarding Manager
Ministry of Defence
Safeguarding Department
Kingston Road
Sutton Coldfield
West Midlands B75 7RL
United Kingdom

Application Ref. EN010079

Our Reference: DIO 10040016

Telephone: [REDACTED]

E-mail: jon.wilson106@mod.gov.uk

The Planning Inspectorate
National Infrastructure Directorate
Temple Quay House
Temple Quay
Bristol
BS1 6PN

24th April 2020

Dear Sir/Madam,

The Norfolk Vanguard Offshore Wind Farm
Application for a Development Consent Order under Section 56 of the Planning Act 2008.

I write to update the safeguarding position of the Ministry of Defence (MOD) in relation to the above application to construct and operate the proposed Norfolk Vanguard Offshore Wind Farm.

The response made by the applicant to the consultation issued by the Secretary of State in his letter of 6th December 2019 has been identified as containing new environmental information.

As part of the information submitted the applicant has put forward additional mitigation measures which include:

A decrease in the maximum number of turbines from 180 to 158 (through the removal of the 10MW and 11MW wind turbine generators from the project design envelope). The smallest turbine that now features in the project is a 11.55MW turbine.

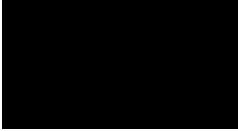
The minimum draught height of the turbines that may be used in the project is being increased. Turbine models of up to and including 14.6MW capacity will have a minimum draught height of 35m (above Mean High Water Springs (MHWS)) and turbine models of 14.7MW capacity and above will have a minimum draught height of 30m (above MHWS).

The maximum height of the turbines (to blade tip) that may feature in the project remain unchanged as do the dimensions of the offshore development zone in which turbine development may be undertaken. Therefore, the safeguarding position of the MOD remains as previously identified in my response of 5th February 2019. Which I enclose for your reference.

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

I trust this adequately explains our position on this matter.

Yours sincerely,



Jon Wilson
Senior Safeguarding Manager