



Public Health  
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Your Ref: EN010087

Our Ref: CIRIS 52546

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

26<sup>th</sup> March 2020

Dear Sir/Madam

**Nationally Significant Infrastructure Project  
Norfolk Boreas Offshore Wind Farm EN010087  
Third Written Questions**

Thank you for contacting Public Health England (PHE) regarding the above application.

**Question 13.4.1:** Repeated question as no response yet received from PHE. Are you content with the Applicant's assumptions and assessment regarding EMF in ES Chapter 27 Human Health [APP-240], especially at the location where the underground cables of Hornsea Project Three would cross with Norfolk Boreas?

**Response:** We are satisfied with the Applicant's assumptions and assessment as set out in ES Chapter 27 Human Health [APP-240].

**Question 13.4.2:** The Applicant states at [REP1-036] that "HVDC technology to transmit power from the wind farm to the national grid eliminates many potential impacts associated with EMF emissions. The available evidence from studies of humans and animals has been reviewed by Public Health England and internationally by the World Health Organization and the International Agency for Research on Cancer. None of these expert bodies has identified any health risk for humans or animals exposed to DC magnetic fields." Do you agree with this statement? If not, why not?

**Response:** We can only comment on the human health aspects of the statement. It is possible to agree the statement providing exposures to DC magnetic fields comply with the relevant international (ICNIRP) guidelines.

If you need any additional information or clarification please do not hesitate to contact us.

Yours faithfully

On behalf of Public Health England  
[nsipconsultations@phe.gov.uk](mailto:nsipconsultations@phe.gov.uk)

*Please mark any correspondence for the attention of National Infrastructure Planning Administration.*