

# Appendix 9.1

## EA Response Letter



Mr Chris Taylor  
(via email only)

**Our ref:** AN/2020/130379/01-L01  
**Your ref:** EN010038  
**Date:** 12 May 2020

Dear Chris

### **North Killingholme Power Project, North Killingholme**

Thank you for your enquiry of 29 April 2020 and for providing a copy of the project's previous flood risk assessment to assist us.

We are now able to provide the following information as requested:

**1. Whether updated hydraulic modelling for both fluvial and tidal flood risks has been completed by the EA since the North Killingholme FRA was completed in 2013.**

Tidal: Work is currently progressing on the update to the Humber Water Levels and we hope to release these in late spring/early summer. No specific date has been set for this release and so it could still be subject to change.

Fluvial: The East Halton Beck model was updated in 2019 but this does not impact on the site itself. This is available on request if needed.

Climate change allowances: Allowances for sea level rise due to climate change were updated on .gov.uk in December 2019. These are based on the UKCP18 projections. Updates for fluvial allowances (peak river flow) are also expected in 2020, we would recommend that the guidance on .gov.uk is reviewed regularly for any updates.

**2. Whether updated breach analysis has been undertaken since the North Killingholme FRA was completed.**

No, the breach analysis and coastal hazard mapping has not been updated since the North Killingholme FRA was completed.

**3. Whether there have been any works to amend/improve flood defences in the North Killingholme area.**

Phase 1 of works to stabilise the sea defences which protect the site was completed in 2010.

We are currently investigating a range of options for the East Halton Marshes Phase 2 works to the north of the site (between the East Halton Outfall and the existing port developments). No decision on a final option has yet been made.

There is funding in our programme for this year (2020/21) to undertake some temporary repairs to the defences. Due to the ongoing COVID-19 situation we have not yet been able to go out and scope the works and see which areas need targeting. The type of works intended will be similar to previous repairs carried out, so when restrictions are lifted there should not be any further delays to this work.

**4. Whether updated modelling (for fluvial, tidal or breach) is available, if this has included updated climate change allowances released in 2016.**

See 1 and 2 above.

**5. Whether there are any planned updates in the pipeline, including updates following the (assumed to be imminent) UKCP19 updates.**

It is our intension to update the coastal hazard mapping, the project could potentially start this year if funding becomes available – this is still to be confirmed. This would use updated sea levels and climate change allowances. It is therefore not currently possible to confirm when updated data would be available but this would probably be at least 1-2 years away.

Should you require any additional information, or wish to discuss these matters further, please do not hesitate to contact me on the number below.

Yours sincerely

[Redacted]  
**Principal Planning Adviser**

Direct dial [Redacted]

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