

Responses to tasks 4 and 6 of Schedule 5 (no.6)

From: NNB Generation Company (SZC) Ltd

Sent: Mon 29/11/2021 14:24

The text below is in response to tasks 4 and 6 of Schedule 5 (no.6). Hopefully this is all you need but please get in touch if there are any more queries.

Task 4: To provide an explanation of how the operational STW discharge may affect breeding seabird features

Response:

The App C information for HRA (paras 5.2.5 and 5.2.6, pp48-49) concludes that the discharge of treated sewage would not give rise to LSE at the European sites scoped into the HRA process. As set out in the App C information for HRA, the sewage would undergo treatment before discharge so that it conforms to a number of key treatment specifications for concentrations of biochemical oxygen demand, ammoniacal nitrogen and total suspended solids.

Further details on the sewage treatment works discharge have been provided in section 1.3 of the SZC Co. response to Schedule 5 (no. 5) (pp 14-15). This is in response to Information request 1 (c) in Schedule 5 (no. 5). On the basis of these further details, it is clear that the sewage treatment works discharge will not lead to significant increases in phytoplankton biomass as a result of nutrient enrichment, whilst concentrations of un-ionised ammonia will remain low. Consequently, there is no potential for this discharge to affect the foraging conditions for SPA seabird qualifying features and hence there is no pathway to effects on these features.

Task 6: To describe the in-combination effects between the thermal uplift, TRO, bromoform, hydrazine and FRR organic enrichment plumes on breeding SPA seabird qualifying features and the non-breeding red-throated diver qualifying feature

Response:

The details required to address this issue have already been provided in relation to Information request 1 (b) in Schedule 5 (no. 5) – see Section 1.2, pp 6 - 13 of the SZC Co.. response to Schedule 5 (no. 5). No further response is considered to be required.