

# Notice of request for more information

## The Environmental Permitting (England & Wales) Regulations 2016

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NNB Generation Company (SZC) Ltd (Companies House reference: [09284825](#))

90 Whitfield Street  
London  
England  
W1T 4EZ

Application reference: EPR/CB3997AD/A001 (Sizewell C water discharge activities permit application)

The Environment Agency, in exercise of its powers under paragraph 4 of Part 1 of Schedule 5 of the above Regulations, requires you to provide the information detailed in the attached schedule. The information is required in order to determine your application for a permit duly made on 26/06/2020.

Send the information to the e-mail addresses (and upload it to the EA Sharefile site) specified below by 30/10/2020. If we do not receive this information by the date specified then we may treat your application as having been withdrawn or it may be refused. If this happens you may lose your application fee.

E-mail addresses (please note there is a 10MB file size limit for e-mails):

- 1.) [REDACTED]
- 2.) [PSC-waterquality@environment-agency.gov.uk](mailto:PSC-waterquality@environment-agency.gov.uk)

EA Sharefile site for uploading application and supporting information documents for application EPR/CD3997AD:

- 1.) <https://ea.sharefile.com/> [REDACTED] (a specific folder titled 'Sch 5 [No.1] response' has been created for you to upload the additional information response documents).

Postal address (not currently in use due to COVID-19 situation):

Environment Agency, National Permitting Service (Water Quality), Richard Fairclough House, Knutsford Road, Warrington, Cheshire, WA4 1HT

Name	Date
[REDACTED]	02 October 2020

Authorised on behalf of the Environment Agency

## Notes

These notes do not form part of this notice.

Please note that we charge £1,200 where we have to send a third or subsequent information notice in relation to the same issue. We consider this to be the first notice on the issues covered in this notice.

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Please note that we charge £1,200 where we have to send a third or subsequent information notice in relation to the same issue. We consider this to be the third notice on the issues covered in this notice. We will contact you shortly to request this payment. You must pay this extra charge before your application is determined.

The notes in italics that appear after information requests in the attached schedule do not form part of the notice. The notes are intended to assist you in providing a full response.

## Schedule

### **Information request 1 (a) to 1(f)**

To inform the assessment of the effluent from the FRR (waste stream H), we will undertake a detailed audit of the number of marine organisms estimated to be impinged each year on the SZB intake (as set out in TR339: Sizewell Comprehensive Impingement Monitoring Programme 2009 - 2017). For this we request the information specified in 1 (a) to (f) below, as we need the raw data and all the processing information required to enable us to undertake an audit.

The request for the provision of raw data (which supports any technical and/or environmental risk assessments) is a standard procedure when determining bespoke water discharge activity (WDA) permit applications, as outlined here: <https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit>. For clarification, this audit will be documented and recorded as part of the application's determination, and will provide confidence within our decision making process.

- (a)** Please provide a copy of the latest version of TR339 (currently understood to be revision 02, dated 26/06/2020), as to date this document has not been submitted formally as part of water discharge activity (WDA) permit application EPR/CB3997AD/A001. TR339 is referenced within the following sections of the SZC WDA permit application:
- Appendix C: Information for the Habitats Regulations Assessment (HRA) document (as ref 7.1 within section 7.3.8, and applicable to sections 7.3.9 and 5.3.41)
  - Appendix D: Water Framework Directive (WFD) compliance assessment (as ref 1.4 within sections 2.4.8 and 5.6.4)
- (b)** Please provide the raw data files from each of the 205 surveys referenced within TR339.
- (c)** Please provide detail of all data processing applied to the raw data that lead through to the production of 'Species lookup information for bootstrap outputs - numbers.csv' (as provided with TR339).
- (d)** Please provide all data and calculations in the same form as the files used to derive 'Species lookup information for bootstrap outputs - numbers.csv', for example if intermediate spreadsheets were used to process the raw data then these spreadsheets are required.
- (e)** Please provide a copy of the latest version of Scientific Position Paper SPP099 (Predicted impingement performance of the SZC LVSE intake heads compared with the SZC intake heads), as we understand this includes a new method to calculate the LVSE factor.
- (f)** Please also include all spreadsheets containing detailed calculations as listed in Appendix A of SPP099, specifically "SZ intake velocities awac 6 July 2020.xlsx", "SZB intake velocities 6 July 2020.xlsx" and "LVSE Supplementary calculations 5May2020.xlsx"

### **Additional background to information request 1(a) to 1(f)**

Via e-mail on the 02/07/2020, we received from you a copy of TR339 'Sizewell Comprehensive Impingement Monitoring Programme 2009 - 2017', revision 02, 63 pages, 26/06/2020 together with two data files:

- 1) 'Species lookup information for bootstrap outputs - numbers.csv'
- 2) 'TR339 Simplified combined data Pisces and Cefas\_w\_blenny.csv'

And accompanying R Code 'Sizewell impingement bootstrap numbers v02 EA.r'

'TR339 Simplified combined data Pisces and Cefas\_w\_blenny.csv' is the main data input to the R code. It comprises survey level counts by species. 'Species lookup information for bootstrap outputs - numbers.csv' is a lookup table used to re-format data on the R code prior to export of results.

The R code has been tested on Environment Agency systems and runs without error. It outputs a series of tables that correspond to data presented in Tables 4 and 6, and Appendix B of TR339. A limited number of spot checks show that the figures output by the R code are the same as those presented in TR339. A more thorough check will form part of the audit.

For the vertical audit to be performed as per HPB (TB001) we require the raw data collected in each survey and all the rules and calculations, and intermediary files created, leading through to the production of 'Species lookup information for bootstrap outputs - numbers.csv'. This is based on the audit starting from the equivalent point as HPB i.e. the 40 raw data workbooks referenced in TB001 (HPB vertical audit).

**END OF DOCUMENT**