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Environment Agency Permitting and Support Centre
 Environmental Permitting Team
 Quadrant 2
 99 Parkway Avenue
 Parkway Business Park
 Sheffield
 S9 4WF

File Ref.: 100810145
Unique Number: EA-SZC-21509N
Your Ref.: EPR/CB3997AD/A001

30 October 2020

For the attention of (redacted), NNB Permitting Co-ordinator

Dear (redacted),

**NNB GENERATION COMPANY (SZC) LIMITED APPLICATION FOR WATER DISCHARGE ACTIVITY
 OPERATIONAL ENVIRONMENTAL PERMIT FOR SIZEWELL C – ENVIRONMENT AGENCY SCHEDULE 5
 NOTICE**

Further to your email dated the 2nd October 2020 (EPR/CB3997AD/A001) please find below the information requested for the Sizewell C Water Discharge Activity Permit Application.

No.	EA Information Request	SZC Response
a	Please provide a copy of the latest version of TR339 (currently understood to be revision 02, dated 26/06/2020)	TR339 version 3 (29/10/2020) and supporting R code is provided as part of the Schedule 5 request.
b.	Please provide the raw data files from each of the 205 surveys referenced within TR339.	All raw data files from the impingement monitoring surveys have been compiled and uploaded to Teamcenter Data files and folder structure is described in the supporting document 'Schedule 5 data request notes for use'.
c.	Please provide detail of all data processing applied to the raw data that lead through to	All intermediary spreadsheets used to determine impingement rates for the station operating at full

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Page 1 of 3

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No.	EA Information Request	SZC Response
	the production of 'Species lookup information for bootstrap outputs - numbers.csv' (as provided with TR339)	capacity have been collated and a document has been produced detailing the processes involved from raw data to impingement predictions in TR339 ('Schedule 5 data request notes for use').
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.	'Species lookup information for bootstrap outputs - numbers.csv' is provided along with the R code.
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.	SPP099 version 4 has been provided on Teamcenter The only amendment in SPP099 version 4 from the previous version is to correct a typographical error in the supplementary file names.
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"	SPP099 version 4 has been provided on Teamcenter

If you have any questions or comments we will be happy to provide further information.

Yours sincerely,

(redacted)

(redacted)

SZC Conventional Environment Lead

NNB Generation Company (SZC) Limited

Copy: RIO, JPO, (redacted) (EA), (redacted) (EA)

NNB GenCo Review	Name	Signature
Peer Check	(redacted)	(redacted)
Independent Verification	(redacted)	(redacted)
Approval	(redacted)	(redacted)

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Page 2 of 3

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Enclosures

	Document Title	EDRMS Reference Number	Version Number	Protective marking	Transmitted via
a)	TR339 Sizewell CIMP 2009 – 2017 v3	100810221	001	NOT PROTECTIVELY MARKED	Teamcenter
b)	Raw Data (zip folder)				
c)	Schedule 5 Data Request Notes for Use				
d)	Data Manipulation Workbooks (zip folder)				
e)	SPP099 Predicted Performance of the SZC LVSE Intakes v4	100810223	001	NOT PROTECTIVELY MARKED	Teamcenter
f)	LVSE Supplemental Calculations 5 May 2020				
	SZB Intake Velocities 6 July 2020				
	SZC Intake Velocities AWAC 6 July 2020				