



Document Reference Number 100879057
Revision 01
EA-SZC-21553N

NOT PROTECTIVELY MARKED

Environment Agency
c/o The Joint Programme Office
New Reactor Programme
4S.2 Redgrave Court
Merton Road Bootle
L20 7HS

File Ref: 100879057
Unique Number: EA-SZC-21553N
Your Ref.: EPR/CB3997AD/A001

20/04/2021

For the attention of [REDACTED], Senior Permitting Officer

Dear [REDACTED],

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

Further to your Schedule 5 Notice requesting further information dated the 15th March 2021 (Application Reference: EPR/CB3997AD/A001) please find below the information requested for the Sizewell C Water Discharge Activity (WDA) Permit Application.

No.	EA Information Request	SZC Response
4a	Please provide a copy of the latest version of technical report TR130: Sizewell Water Quality Monitoring Data Report 1st Report: February 2010 to April 2010. Cefas, Lowestoft.	A copy of the technical report requested - TR130 SZC Water quality monitoring data report, has been uploaded to the EA ShareFile.
4b	Please provide a copy of the latest version of technical report TR145: Sizewell - Laboratory studies of the decay of Hydrazine measured in sea water samples. Cefas, Lowestoft	A copy of the technical report requested - TR145 SZC laboratory studies of the decay of hydrazine measured in sea water samples, has been uploaded to the EA ShareFile.
4c	Please provide a copy of the latest version of technical report TR146: Hinkley Point: Laboratory studies of the decay of hydrazine measured in seawater samples. Cefas, Lowestoft	A copy of the technical report requested - TR146 HPC laboratory studies of the decay of hydrazine measured in sea water samples, has been uploaded to the EA ShareFile.
4d	Please provide a copy of the latest version of technical report TR175: Initial investigation of	A copy of the technical report requested - TR175 HPC initial investigation of hydrazine toxicity in selected marine species, has been uploaded to the EA ShareFile.

Document Reference Number 100879057

Revision 01

EA-SZC-21553N

NOT PROTECTIVELY MARKED

	hydrazine toxicity to selected marine species. Cefas, Lowestoft	
4e	Please provide a copy of the latest version of technical report TR352: Laboratory studies on the decay of hydrazine in Sizewell Seawater and derivation of modelling terms for Sizewell C. Cefas, Lowestoft.	A copy of the technical report requested – TR352 SZC laboratory studies on the decay of hydrazine in Sizewell seawater report, has been uploaded to the EA ShareFile.
4f	Please provide a copy of the latest version of technical report TR390: Laboratory studies on the decay of hydrazine in Hinkley Point seawater and derivation of modelling terms for Hinkley Point C, Cefas, Lowestoft	A copy of the technical report requested – TR390 HPC laboratory studies on the decay of hydrazine in Hinkley Point seawater and derivation of modelling terms for Hinkley Point C, has been uploaded to the EA ShareFile.
4g	Please provide a copy of the latest version of technical report TR397: Hydrazine analysis and discharge plume predictions for Sizewell B and Sizewell C, Cefas, Lowestoft	A copy of the technical report requested – TR397 SZC hydrazine analysis and discharge plume predictions for Sizewell B and Sizewell C, has been uploaded to the EA ShareFile.
4h	Please provide a copy of the latest version of technical report TR494: Hydrazine construction discharge plume modelling. Cefas, Lowestoft.	A copy of the technical report requested – TR494 SZC hydrazine commissioning discharge plume modelling, has been uploaded to the EA ShareFile.

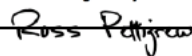
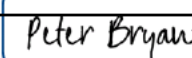
Should you have any questions or comments we will be happy to provide further information on this as part of our ongoing Level 4 interactions.

Yours sincerely,



SZC Conventional Environment Lead
NNB Generation Company (SZC) Limited

Copy: RIO, JPO, 

NNB GenCo Review	Name	Signature
Peer Check	Ross Pettigrew	DocuSigned by:  FCE24F4AF9FA4FD...
Independent Verification	N/A	
Approval	Peter Bryant	DocuSigned by:  264697DF8BF748E...

Document Reference Number 100879057
Revision 01
EA-SZC-21553N

NOT PROTECTIVELY MARKED

Appendix 1

Enclosures for the Sizewell C Water Discharge Activity Permit Application Schedule 5 Information Request

	Document Title	Document Version Number	EDRMS Reference Number	EDRMS Version Number	Protective marking	Transmitted via
1.	Cefas Report TR130 Sizewell C: Sizewell Water Quality Monitoring: Phase I Data Report	003	100879065	001	NOT PROTECTIVELY MARKED	Teamcenter
2.	Cefas BEEMS Technical Report TR145 Sizewell C: Laboratory studies of the decay of Hydrazine measured in sea water samples	002	100879084	001	NOT PROTECTIVELY MARKED	Teamcenter
3.	Cefas BEEMS Technical Report TR146, Hinkley Point: Laboratory studies of the decay of Hydrazine measured in sea water samples	003	100879085	001	NOT PROTECTIVELY MARKED	Teamcenter
4.	Cefas BEEMS Technical Report TR175, Initial investigation of hydrazine toxicity to selected marine species	003	100879087	001	NOT PROTECTIVELY MARKED	Teamcenter
5.	Cefas Report TR352 Sizewell C: Laboratory studies on the decay of hydrazine in Sizewell seawater report	003	100879088	001	NOT PROTECTIVELY MARKED	Teamcenter
6.	Cefas BEEMS Technical Report TR390 Edition 2; Decay of hydrazine in Hinkley Point Seawater	002	100879090	001	NOT PROTECTIVELY MARKED	Teamcenter
7.	Cefas BEEMS Technical Report TR397 Sizewell C Hydrazine analysis and discharge plume predictions for Sizewell B and Sizewell C	004	100879093	001	NOT PROTECTIVELY MARKED	Teamcenter
8.	Cefas Report TR494 Sizewell C: Hydrazine Commissioning Discharge Plume Modelling	002	100879095	001	NOT PROTECTIVELY MARKED	Teamcenter