

**From:** [REDACTED]  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** SZC operational WDA: information requests/points of clarification for on-going determination  
**Date:** 01 October 2021 16:50:00  
**Attachments:** [image001.gif](#)  
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Hi [REDACTED],

Thanks for your time yesterday afternoon, as discussed please find below the information requests that I assume can be dealt with informally (as all should be fairly quick to turn around).

If this is not the case (once you have checked with your technical team), I can incorporate any of those which are likely to be resource intensive to respond to within a formal Schedule 5 information request notice.

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### **Information request 1**

For consideration of the impact of waste stream A as part of the determination of the SZC WDAs permit application, please provide explanation why the 3°C thermal exceedance period for smelt changed from 7% to 4.6% within TR302:

- 7% for smelt was referenced within TR302 edition 3, revision 3 (dated 28/09/2015), paragraph 5 on page 5 of the report (page 17 of PDF version) and paragraph 2 on page 30 of the report (page 42 of PDF version)
- 4.6% for smelt was referenced within TR302 edition 3, revision 5 (dated 28/03/2020 on page 1 of the report and PDF version), table 15 on page 47 of the report and PDF version. This is the copy of TR302 supplied with the WDA application as reference [85] within Appendix E. This copy may actually be revision 6 (dated 28/03/2020), which is referenced on page 4 of the report and PDF.

It would appear that a smaller migratory period is being applied for this species. Please include confirmation on this, and provide justification of why this change has been made. This is required as the same technical specialist staff have reviewed the previous versions of TR302 as part of the wider SZC project work (i.e. via DCO/planning route). The 7% exceedance period would have triggered further investigation (which was deemed not necessary in TR302 edition 3 revision 5 supplied with the SZC WDA application as reference [85]).

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### **Information request 2**

Please confirm if the copy of TR302 supplied with the SZC operational WDAs permit application (as reference [85] within Appendix E) is edition 3 revision 5, or edition 3 revision 6, as it is not entirely clear based on the following version references and dates within the supplied copy of the report, for example:

- The report includes the following reference (which does not confirm the revision number): *SZC-SZ0200-XX-000-REP-100XXX Revision XX*
- Revision 5 (dated 28/03/2020) is referenced on page 1 of the report and PDF version.
- Revision 5 (dated 08/01/2016) is referenced on page 4 (version and quality control) of the report and PDF version.
- Revision 6 (dated 28/03/2020) is referenced on page 4 (version and quality control) of the report and PDF version.

This confirmation is required to ensure we reference report TR302 correctly and consistently within our WDA permit application determination documents. It is of course appreciated that this report may be revised/updated in the future, and is the reason why its reference 'SZC-SZ0200-XX-000-REP-100XXX Revision XX' has not been finalised.

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### **Information request 3**

Please provide a copy of the latest version of technical report (TR):

- TR348. Sizewell benthic ecology characterisation. Cefas, Lowestoft.

This document has not formally been submitted as part of the WDA application, and is required as part of the formal review and technical assessment of waste streams A and H via our habitats regulations and WFD assessments. TR348 is referenced within the WDA's Appendix C report (information for the HRA) as reference 6.9 (via paragraphs 6.2.28 and 6.4.35), and within Appendix D (WDA compliance assessment report) as reference 1.14 (via table 2.3).

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**Information request 4**

Please provide a copy of the latest version of technical report (TR):

- TR354 Sizewell Brackish ponds salinity monitoring. Cefas, Lowestoft.

This document has not formally been submitted as part of the WDA application, and is required as part of the formal review and technical assessment of waste streams A and H via our habitats regulations and WFD assessments. TR354 is referenced within the WDA's Appendix D (WDA compliance assessment report) as reference 1.40.

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**Information request 5**

Please provide an updated version of technical report (TR) TR193<sub>1</sub> (appendix B of the SZC WDA permit app) to incorporate within section 15 (Appendix B) for the derivation of Hydrazine predicted no effect concentrations (PNECs), the additional supporting information provided within Hinkley Point C's construction WDA permit variation's TR445<sub>2</sub>, section 6 (Appendix A) A3 (pages 74 to 76). This will ensure consistency of supporting information used for the derivation of Hydrazine PNECs for SZC's operational WDA permit application.

<sub>1</sub>TR193: Sizewell C operational WDA discharge H1 type assessment (edition 5).

<sub>2</sub>TR445: Hinkley Point C hydrazine discharge modelling during commissioning and operation.

**Background for information request 5**

Additional justification/information was requested regarding the derivation of Hydrazine PNECs during pre-application review (April/May 2021) discussions for Hinkley Point C's construction related WDA variation proposals.

The majority of the information submitted within HPC's subsequent construction WDA permit variation (via supporting report TR445) mirrors that provided within SZC's TR193 (i.e. TR445 section 6, appendix A, A1 to A2 mirrors TR193 section 15, Appendix B) for Hydrazine PNECs and the assessments used in their derivation.

However, additional information/justification regarding derivation of the Hydrazine PNECs is provided within TR445 section 6, appendix A, A3 (pages 74 to 76 for 'other hydrazine risk assessments' and 'summary hydrazine risk assessment'), which is not provided with SZC WDA's TR193.

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Please let me know if you have any queries regarding the five points above, as I can provide any further explanation you require next week.

Many thanks,

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Senior Permitting Officer: Nuclear New Build  
National Permitting Service (Part of National Operations)

**Environment Agency** | Richard Fairclough House, Knutsford Road, Warrington, WA4 1HT

External: ██████████ | Internal: ██████████

Mobile: ██████████  
Working days: Monday to Friday



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