

From: [REDACTED]
Sent: 06 April 2023 15:00
To: steven.foster2@drax.com
Cc: [REDACTED]
Subject: Phase 1 application submission outstanding information required by 21-04-2023 EPR-VP3530LS-V022

Dear Steven,

I hope you have recovered and you are feeling a lot better.

Thank you for your responses to our Not Duly Made letter dated 23/02/2023 requiring further information for the Stage 1 application submission EPR/VP3530LS/V022.

Your responses have provided most of the information required for the Stage 1 information however the following is still outstanding:

1. Part C2 Q5c – Provide a Non-technical summary setting out the proposed changes to the permit applied for in this staged application.

The non-technical summary (NTS) which you submitted requires amendment as it needs to include a clear summary of the proposed changes to the permit.

Guidance on the content of a NTS is provided in the guidance on completing Part C2 of your application, available from [this link](#).

Specifically, the NTS needs to be amended to include a list of the proposed changes at the beginning of the document. Based on our understanding of the application this should be wording to the effect:

'This application to vary the environmental permit for the Drax Power Station proposes the following:

- Addition of amine solvent-based post combustion carbon capture (PCC) to two of four of the existing biomass units as a new Schedule 1 EPR activity:
 - S6.8 Part A(1)(a) Capture of carbon dioxide streams from an installation for the purposes of geological storage
- Changes to the existing S1.1 A(1)(a) combustion activity to accommodate the addition of PCC to the biomass units, including:
 - new flue gas quench systems upstream of PCC units
 - changes to operational controls systems
 - new flue gas monitoring arrangements
 - modification to cooling water systems and distribution
 - modification to flue gas layout and abatement plant locations for the remaining coal fired units 5 and 6 (during the construction phase for the PCC project)
 - removal of coal fired units 5 and 6 from the scope of the combustion activities included in the permit (on successful completion of the PCC project)
- Changes to the existing S5.4 A(1)(a)(ii) non-hazardous waste treatment activity to:
 - replace the existing on-site effluent treatment plant with an improved plant for treatment of process effluents from the existing and modified biomass units
- Changes to directly associated activities, including:
 - amendments to surface water drainage arrangements to accommodate associated infrastructure changes
 - new PCC solvent storage and make-up system
 - new carbon dioxide processing and compression plant

- Additional changes to other site facilities and infrastructure:
 - removal of the Ouse Renewable Energy Plant from the scope of the combustion activities included in the permit
 - changes to biomass furnace bottom ash collection to consolidate collection of bottom ash
 - changes to the ash water management systems to improve separation of ash from transport water.'

2. Part C2 Q6 – Relating to the water emissions risk assessment provided with the application: Provide a copy of the H1 tool.

You have not provided a copy of the H1 tool as requested. We need a copy of the H1 tool (the actual tool rather than screenshots or a pdf) on which you have based your assessment of the discharge to water from the proposed new effluent treatment plant.

We need this as we need to review your assessment and the application does not include the necessary H1 tool input data.

Please provide this additional information by 21st April. If we do not receive the information we will not do any further work on your application.

If you have any questions please phone or [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



Do you operate a medium combustion plant or specified generator?
[Click here](#) to find out if you need to meet the regulations