Environmental Protection Agency

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Mr Michael Sweency
Director
NRGE Limited
Mooresfort
Lattin
County Tipperary

4th February 2015 **Reg. No: P0986-01**

Dear Mr Sweeney,

I refer to your application for a licence, which was received by the Agency on the 6th November 2013 and the additional information provided on the 6th May 2014 and the 1st December 2014.

I am to advise in accordance with Regulation 11(2)(b) of the Environmental Protection Agency (Industrial Emissions) (Licensing) Regulations 2013, that the EIS does not comply with Article 94 of the Planning and Development Regulations, or with any provision amending or replacing the said article 94.

The Agency, in fulfilling its duty under Section 83(2A)(f) of the EPA Acts, as amended, requests the following information to be submitted to the Agency:-

Surface water

1. As previously requested on the 3rd March 2014, please provide:
    a. A drawing which demonstrates the path of the land drain(s) to which SW1 and SW2 discharges to the East Cruary River/Argideen Estuary. The drawing should also identify Courtmacsherry Estuary SAC and Courtmacsherry Bay SPA.
    b. The National Grid References for the points at which the land drains referenced above merge with the East Cruary River/Argideen Estuary. The grid reference provided does not show a connection to the river/estuary.

Glass house facility

1. State whether an EIA was done by the planning authority in respect of the glass house development.

Note: Any ***telephone enquiries*** in relation to the above should be directed to **Caroline Murphy** at the number above.
All ***written communications and replies*** should be directed to Noeleen Keavey, Office of Climate, Licensing, Resources & Research, EPA, PO Box 3000, Johnstown Castle Estate, County Wexford.

2. State whether an EIA was done, either as part of the glass house development or separately, in respect of the proposed pipeline connecting the AD plant and the glass houses. If yes, provide a copy of the EIS.

Heat and CO_2 transfer

1. Provide a detailed description of the process or processes by which CO_2 is to be generated at the installation prior to its transfer to the proposed adjacent glass houses.
2. State the technical specification of the gas required by and to be supplied to the adjacent glass houses.
3. State whether it is intended to purify the CHP exhaust gas to such an extent that it would no longer be classified as waste.
4. State whether the applicant intends to seek end-of-waste status for this gas.
5. State whether the glass house facility will be operational and in a position to accept CO_2 and heat from the installation once AD and CHP activities commence.
6. If the glass house facility will not be operational at that time, describe how the heat and CO_2 will be used.
7. Describe the transfer of heat and CO_2 from the AD/CHP process to the glass house facility. Provide drawings which reflect the process flow, the location of pipework and the location of safety valves in relation to both the glass house facility and the installation.
8. Describe the proposed control measures and monitoring for heat and CO_2 generation and transfer.

CHP Plant, Biofilter, Boilers and Emissions to Air

1. Drawing No. 29 indicates that the biofilter treats air extracted from the reception building and the batch heating tank. It also indicates that the exhaust air from the biofilter is routed to the CHP unit for treatment.

   However, the air dispersion model indicates that air from the reception building and the fibre storage building are both treated by the biofilter and that there are separate emissions from the biofilter and the CHP engine to atmosphere.

   - State the areas from which air is extracted for treatment in the biofilter.
   - State whether the biofilter exhaust air is treated by the CHP engine or whether it is emitted to atmosphere from the biofilter as the dispersion model indicates.
   - If the biofilter exhaust is being routed to the CHP engine for treatment describe the technical connection between the CHP engine and the biofilter exhaust and in particular:
     - Whether the CHP engine air intake can accommodate the output volume from the biofilter;
     - How the biofilter emissions will be treated during periods when the CHP engine is not operational;
     - Whether there is a biofilter standby emission point to be used when the CHP engine is not operational and if so can the biofilter effectively treat the gas being supplied during these periods.
2. Clarify the purpose of the 'boiler' and the 'exhaust boiler' as shown on drawing no. 18 and how they link in with the overall process flow.

3. As previously requested on the 3rd March 2014, please complete the tables referenced in section E.1, table F.2 (i) and table F.2 (ii) of the application form.
4. Describe the gas purification system shown in drawing no. 22 and state whether it is BAT in accordance with BAT Conclusion number 68 of the Waste Treatments BREF (2006).

In addition to the above please also provide an updated non-technical summary to reflect the information provided in your reply.

The requested information should be submitted to the Agency within ***7 weeks*** of the date of this notice, in order to allow the Agency to process and determine your application.

In the circumstances, you should make immediate arrangements to have the required document(s) (1 signed original and 1 copy in hardcopy format, and 2 copies of all files in electronic searchable PDF format on CD-ROM) submitted to the Agency. Your response to this request should be directed to Noeleen Keavey, Administration Officer, Office of Climate, Licensing, Resources & Research.

It should be noted that the eight-week period within which the Agency is to decide the proposed determination will commence on the day on which this notice has been complied with. If you have any further queries please contact Ms Caroline Murphy at the number above.

Yours sincerely,

Caroline Murphy

Caroline Murphy

Environmental Licensing Programme

Office of Climate, Licensing, Resources & Research