

From: [steve raasch](#)
To: [Stephen, Andrew](#)
Subject: Re: TS Sewell
Date: 31 May 2023 11:33:16

Hi Andrew

The standby generator is for emergency use only.

Testing will not exceed 50hrs per annum.

Annual usage in the event of mains failure would not exceed 500hrs per annum averaged over 3 years.

The thermal input is 197kw.

It is located within the first building to the north of the installation, would it be easiest to draw a small green boundary around it and include it in the permit?

Regards

Steve

On Wed, 31 May 2023 at 09:55, Stephen, Andrew <andrew.stephen@environment-agency.gov.uk> wrote:

Hi Steve

Further to point 1 below and following on from our discussion yesterday, I'll still need some basic information about the generator, as requested in my not duly made request. I understand that the generator does have a wider purpose than just servicing the Installation, but I'll still need information to be able to consider everything in the round. Can you liaise with the applicant and answer the following (re. Point E, I don't expect it to be included in the drainage plan at this stage):

1. Standby generator

- a. Please confirm if the standby generator is to be used for emergency use only if there is a mains power supply failure.
- b. Please confirm the thermal input capacity (in MWth) of the generator.
- c. Please confirm the frequency (hours per annum) of testing of the standby generator.
- d. Please confirm the maximum number of hours (hours per annum) the standby generator would be used for emergency use, where there is a mains power supply failure.
- e. Please identify the location of the standby generator and associated fuel tank on the site drainage plan.

I note in your message below, you state that the generator powers the whole farm – is this during normal operations or is it used in an emergency context?

Ultimately the generator may need a standalone permit depending on particular parameters but that won't necessarily have to be addressed as part of this application.

Regards

Andrew

From: steve raasch <stephenraasch@gmail.com>
Sent: 30 May 2023 17:01
To: SM-Defra-RESP-notifications (DEFRA) <RESP-notifications@defra.gov.uk>;
Stephen, Andrew <andrew.stephen@environment-agency.gov.uk>
Subject: TS Sewell

Hi Andrew

Please see the attached documents.

1. As discussed the emergency standby generator is located offsite and powers the whole farm.
2. The above ground slurry tank takes the poultry house washings only, no other source.
3. Roof fans are 5.5m release height, 7m/s efflux.
4. Roof water sheds off the roofs onto stone trenches with french drain soakaway underneath, no discharge. Area under the gable fans is grassed. Yard washings are directed to an underground dirty water tank by means of a diverter. Concrete gradient prevents run off.
5. All litter and wash water is spread in accordance with the farms MMP.
6. Carcass storage is in freezers located in the poultry house entrance rooms.

Regards

Steve

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