

Hi David,

I have reviewed the applicant's response. Unfortunately, the response does not resolve the key issues raised previously.

No further mitigation has been proposed at this stage to demonstrate that noise from SSE plant can be sufficiently mitigated in affected gardens or inside plot 42.

The consultant's statement that noise will be "audible" inside Plot 42 is ambiguous and does not provide any meaningful assessment of impact. For low frequency hum, audibility alone can indicate adverse effects or even significant adverse effects, depending on level, character, and duration.

It is necessary to establish whether suitable noise conditions can be achieved at all plots. The applicant is currently asking the LPA to determine the application without first demonstrating that mitigation is actually achievable. Based on the information provided, it remains unknown whether the SSE plant noise can be mitigated to avoid LOAEL or SOAEL inside Plot 42 or gardens located towards the south-east of the site.

Further acoustic information is therefore required before the application can be determined. This must include:

- 1/3 octave analysis of the SSE louvre noise inside Plot 42 and affected gardens relative to recognised low frequency noise criteria (e.g. DEFRA NANR45 curves or similar).
- A clear determination of whether SOAEL can be avoided at all plots by implementing mitigation measures, taking account of the plant operating times and low frequency characteristics.

Without the above information it is not possible to conclude that an acceptable noise environment can be achieved at all plots, and the application should not be approved with reliance upon conditions to address noise concerns.

If the applicant cannot demonstrate that SOAEL will be avoided across all affected plots, Environmental Health (pollution) would not support the application based on noise concerns.

Sincerely,

Craig Milligan

Environmental Health Officer