

21 JUL 2016

Mr A Leahey
PPC Compliance Team
Natural Resources Wales
Rivers House
St Mellons
Cardiff
CF3 0EY

Your ref
Our ref RP3133LD
Name Amy Lavisher
Phone 01446 752270
Fax 01446 750844
E-Mail amy.lavisher@rwe.com

22nd July 2016

Dear Mr Leahey,

**RWE Generation UK plc, Aberthaw Power Station, Environmental Permit
RP3133LD**

**RE: Improvement Condition IC37 – U9 Low NOx Boiler Post-Commissioning
Report**

Please find attached the report fulfilling the requirements of Improvement Condition IC37 as part of Environmental Permit RP3133LD/V012;

Within 6 months of each Low NOx boiler unit being brought into operation.

Confirm the commissioning date of each Low NOx boiler unit and submit a written post-commissioning report regarding the emission reductions achieved and related performance parameters including, but not limited to

- Noise
- Ash quality (and identification of need for PFA HRA review)
- Carbon in ash levels
- Tube failure rates
- Start up, shut down thresholds and boiler stability
- Slagging
- Thermal performance
- Electrostatic precipitator performance
- NOx emissions

The report should include a justification of the Best Available Techniques Associated Emissions Limits (BAT ELVs) to be adopted upon the full implementation of all low NOx boilers.

The report shall be submitted to Natural Resources Wales for approval, and the measures and controls identified in the approved report shall be implemented within 12 months of the written approval of the report by Natural Resources Wales.

RWE Generation

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Wiltshire SN5 6PB

Registered in England
and Wales no. 3892782

The report also addresses the action in the CAR Report dated 23rd June 2016 (Ref. CAR_NRW0022709):

LNBo commissioning plan (POC14)

The commissioning plan has been reviewed. The only point of query relates to the possibility of consequential effects associated with the mill ball charge increase. In particular whether changes in PF particle size distribution will result in changes in EP performance and balance of trace pollutants in seawater discharge.

ACTION: RWE to confirm whether or not these effects have been considered and if any assessment has been undertaken as part of the commissioning programme.

Please contact Amy Lavisher on the above telephone number if you have any questions or if clarification is required.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'PP. D. Little', with a stylized flourish at the end.

Richard Little
Station Manager

RWE Generation

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