



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

Your ref:
Our ref:
Phone: 01446 752270
Fax: 01446 750844

20th May 2016

Dear Mr Leakey,

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

RE: pH Operational Trial Extension Request

In agreement with NRW, RWE have been operating a reduced pH discharge trial since the 25th January 2016. The table below summarises the current permit emission limit values, the trial emission limit values and site data.

Limit Type	Current Permit pH ELV	Trial pH ELV	Jan-Apr 2016
Instantaneous	5.8 (min)	5.6 (min)	5.6
95%ile of instantaneous measurements	6.0-8.5	5.8-8.5	5.9

Preliminary chemical and ecological monitoring indicates no discernible changes in discharge quality or on the health of the marine ecological receptors.

The currently agreed end date for the trial is 31st May 2016, however, RWE would like to request an extension until the 31st August 2016. The basis for this request is that the current monitoring indicates no adverse impact, coal supply constraints continue, and enables more data to be collected for a final proposal. It is proposed for the extension of the trial that the frequency of the chemical monitoring continues as agreed, however, that the frequency of the ecological monitoring is changed to a quarterly basis. The preliminary analysis of the ecological monitoring indicates little observed change, therefore, RWE propose that one more survey is undertaken in August, which would allow any longer term trends in community change to be identified.

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

Yours sincerely,

Richard Little
Station Manager

RWE Generation
Aberthaw Power Station
The Leys
Aberthaw
Barry
South Glamorgan
CF62 4ZW

T +44(0)1446/75 02 7
F +44(0)1446/75 08 4
I www.rwenpower.co

Registered office
RWE Generation UK plc
Windmill Hill Business Park
Whitehill Way
Swindon
Wiltshire SN5 6PB

Registered in England
and Wales no. 3892782