

Centrica Barry Power station

Application to Surrender Permit

EPR/JP3333LV

For Centrica Barry Limited



August 2019

Non-Technical summary

Barry Power Station ceased operation on 31st March 2019 following the end of the contract to operate in the Short Term Operating Reserve (STOR) market. Prior to this date, National Resources Wales (NRW) was notified on 20/03/2019 of the decision to cease operations at Barry Power Station site covered by the Environmental Permit EPR/JP3333LV. A decision has been made to seek to surrender the environmental permit and to demolish Barry Power Station site.

This document, the associated forms and appendices represents the application to surrender the permit:

- Appendix 1 comprises the application forms
- Appendix 2 comprises the Site Closure Plan document
- Appendix 3 comprises the Site Condition Report

NRW had been notified of Centrica's intention to propose a low risk surrender, and have accepted that a low risk approach is appropriate on demonstration of no events likely to have affected the site during the life of the permit, NRW's response to the low risk approach is shown in appendix 1

Application Forms

In line with National resources Wales requirements, the following application forms have been prepared:

- Form A
- Form E2
- Form F1

These are shown in Appendix 1, together with NRW's response to Centrica's proposal for a low risk permit surrender approach.

Site Closure Plan Document

Following the closure and demolition decision, Centrica Barry Limited embarked on a program of work to prepare for the permit surrender. This included updating the existing site closure plan (previously submitted to NRW) and amending the plan to set out in more detail the activities that would be completed from closure to surrender. The final site closure plan document shows that all Scheduled activities on site and all associated effluent discharges have ceased. The only water discharges from site are now surface water run-off, which is collected and channelled via a series of drains prior to discharge via a penstock valve to the drainage ditch / stream outside the site's eastern boundary. This drainage ditch joins Sully Brook at a point approximately 100m south, which drains to Cadoxton River. Discharges are monitored weekly for pH and oil visibility.

The finalised site closure plan that has been enacted is shown in Appendix 2.

Site Condition Report

Centrica Barry Limited commissioned Geosyntec Consultants Ltd to complete an Environmental Permit Site Condition Report (SCR). The environmental SCR work, comprised the Site Protection & Monitoring Programme ('SPMP') review and preparation of the Environmental Permit Site Condition Report, in accordance with the Natural Resources Wales H5 SCR guidance.

In line with the NRW guidance, Sections 1 - 3 of the SCR were completed in 2005 for the permit application stage; Sections 4 – 7 were maintained during the permit lifetime of the Installation (2007 to 2019); and Sections 8 – 10 were required to be completed as part of this application to surrender the environmental permit for the Installation. The final report, completed by Geosyntec is shown in Appendix 3.

The overall purpose of this surrender SCR is to allow the Centrica Barry Limited to demonstrate to NRW that the condition of the land is in a satisfactory state and that environmental receptors have been protected throughout the operational period of the installation.

The report concludes that the permitted installation activities have stopped and that at the outset of demolition and site clearance activities, the land is in a satisfactory condition and no additional soil and groundwater sampling is considered necessary for the permit surrender application.

Appendix 1
Application Forms

Appendix 2

Site Closure plan

Appendix 3
Site Condition Report