

11 September 2018

Ms Julia Frost
Natural Resources Wales
Chester Road
Buckley
Flintshire
CH7 3AJ



Your ref:

Our ref: WYA/25.65/695

Dear Ms Frost

Combustion Plant Permit QP3035LY – Response to E mail 31st July – Reduction in Plant Capacity and Site Closure Plan

We can confirm that the Gas Turbines 1-5 (notification of standing down 20th January 2018, letter WYA/25.65/691) and Auxiliary Boiler 4 (notification of permanent cessation 12th March 2018, letter WYA/25.65/692) have been permanently taken out of service and that the current thermal input capacity of the combustion plant is 17.5MW. We can also confirm that measures are being put in place to reduce this capacity further to approximately 1MW by the end of 2018 (subject to safety cases).

Thank you for advising that the monitoring requirements specified in Schedule 4 table S4.1 and S4.4 are no longer required to be completed and there is no longer a requirement for these to be reported. As the Gas Turbines have been operated in 2018 we intend to complete a final report for this year based upon the 2017 emissions test results as previously agreed.

Following the standing down of the Gas Turbines fuel oil and electrical supplies have been subjected to a holding isolation and the starter batteries have been removed to ensure that they cannot inadvertently be put back into operation. Plans are ongoing regarding the disposal of the Gas Turbine and Auxiliary Boiler fuel stocks.

Please find attached a copy of report WYA/REP/8977 - Wylfa Combustion Plant - Site Decommissioning Plan. This plan was last reviewed in 2015 (and was still considered to be appropriate) - at this time the stations Lifetime Plan (LTP) was also being updated, consequently, the Site Decommissioning Plan does not include any associated changes.

31/0 letter ok
for PR - not
plan though

The elements of the LTP applicable to the combustion plant are as follows-

- L29301/ Reactor and Reactor Building Preparation – includes EOS Diesel Generators, Back Up Feed System and Tertiary Feed System. Currently scheduled to start in early 2021 and finish in June 2024.
- L29403/ Turbine Hall De-plant, Demolition – Includes Gas Turbine House (GTs 1-4). The asbestos removal scope of this work was started in 2017 and the whole scope is currently scheduled to finish in 2026.
- L29404/ Wylfa Admin and Ancillary Buildings Removal – includes Gas Turbine 5 building, Gas Turbine Fuel Oil tanks, Carbon Dioxide plant including auxiliary boilers and fuel oil tanks, Back-up Diesel Fire Pump and REIC Building (including generator). Currently scheduled to start in January 2021 and finish in December 2024.
- L29501 Site Restoration – includes land quality and contaminated land remediation (as necessary). Boreholes have already been installed as part of the scope of these works which are currently scheduled for completion in December 2026.

Post operational clean out (POCO) of oils and chemicals and chemicals from plant and systems is due to be completed before these decommissioning activities.

The main change identified associated with the LTP is the intention to undertake risk based de-planting of the reactor buildings. This is currently thought to result in the Dry Store Cell 5 (DSC5) building not being demolished. However, the EOS diesel generators (located within the DSC 5 building) are easily removed, have resale value and are unlikely to be subject to radiological contamination – so the plans to de-plant this equipment should not be impacted.

The LTP is currently undergoing a further update (due for completion this year) – it is intended that the combustion plant decommissioning plan will be updated to incorporate the outcome of this in 2019, and before the time of its next required formal review.

It should be noted that the whole site is subject to the Nuclear Reactors (Environmental Impact Assessment For Decommissioning) Regulations 1999 and a Decommissioning Project Consent was granted on 25th September 2013. The decommissioning of the whole site will be undertaken in accordance with its management system and include the mitigations identified in the Environmental Impact Assessment to minimise the impact on the environment.

Additionally as the combustion plant is within both the licensed site boundary and the boundary of the RSR permit, I would like to request that NRW consider a proposal to formally surrender permit QP3035LY following our submission of the Combustion Plant Decommissioning Plan review in 2019. We recognise and acknowledge that both NRW and the ONR maintain appropriate powers to regulate the decommissioning through alternate

means and therefore do not believe that the benefits of maintaining permit QP3035LY are proportionate through the decommissioning phase of the site.

Please contact Mark Elsworth or Steve Riches if you require further information.

Yours sincerely



S. Law
Site Director
Magnox Limited

Cc: G. Thomas, EHSSQ Manager,
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