

# Non-Active Clearance Facility Operational Statement

Wylfa Power Station, Cemaes Bay, Anglesey, LL67 0DH

- 1.1 The Wylfa Site currently has a Non-Active Clearance Facility (NACF), which is known as the Southeast Loading Bay (SELB). This building manages the radiological clearance of items and materials that come out of the reactor building. This process uses gamma spectrometry and additional Beta probe monitoring to analyse the items/material to ensure they are not 'active' and no radioactive contamination is present. The existing SELB has been assessed by the nuclear regulator and deemed not fit for purpose during the future decommissioning preparations phase due to being too small, which has the potential to cause safety and compliance issues.
- 1.2 A new facility is therefore required. This is proposed to be called the NACF and is a direct replacement for the SELB. The relocated facility will allow for a larger, safer and more efficient building as Wylfa moves further into the decommissioning preparations phase. The life expectancy of this building is currently 2037, but it may be required for longer or repurposed following completion of this role. The type of items and materials that are passed through the facility are as follows:
- Pumps
  - Hand tools
  - Rigging equipment
  - Wood
  - General metal items
  - Glass items
  - Cardboard
  - Plastic
  - Paper
- 1.3 Once items have been radiologically monitored and cleared out of the NACF there will be two routes for it, either back to be stored and used again on site outside of the reactor building/Material Control Area (MCA) or to its final sentencing facility which is the 'Hazardous and Conventional Waste Facility (H&CWF)'. The H&CWF is an existing facility on the site and the only one that accepts and manages 'waste'.
- 1.4 The difference between the NACF and H&CWF is that the NACF's main purpose is to ensure that no items leaving the reactor building/MCA breach the Nuclear Licensed Site (NLS) requirements for not allowing the release of items or materials that are active or contaminated. It is not the purpose of this facility to complete final sentencing of 'waste', and it does not differ from anything that the existing SELB Facility does other than providing a bigger building to complete the clearance process. Therefore, the NACF should not be seen as a waste processing facility but more so a clearance facility as this is its main purpose.
- 1.5 The existing Building 187 was originally manufactured and erected by Rubb UK and is a steel framed fabric tensioned structure designed to be portable with the ability to be customised. The building measures 13.6m in width by 15m in length with an annex measuring 6m by 5m. The building has a height of 6.2m from ground level to the ridge of the pitched roof.
- 1.6 Given the proposed facility is already located on the site and is simply being relocated and enlarged, it will not breach the current environmental permit for the NLS.