



**Cavendish
Fluor**
Partnership

The impact of the Magnox waste strategy at **Hinkley Point A Site**



Introduction

Following several years of discussion and engagement with local stakeholders around the country about our waste strategies across the fleet, Magnox is seeking planning permission from Somerset County Council to move a small amount of waste to Hinkley Point A Site for interim storage.

Background

A key part of decommissioning the Magnox sites is dealing with radioactive waste. At Hinkley Point A Site, and other Magnox sites, a proportion of the waste that needs to be managed is called intermediate level waste (ILW). This ILW needs to be packaged and stored in Interim Storage Facilities (ISFs), before its eventual disposal at a national Geological Disposal Facility (GDF).

The proposal

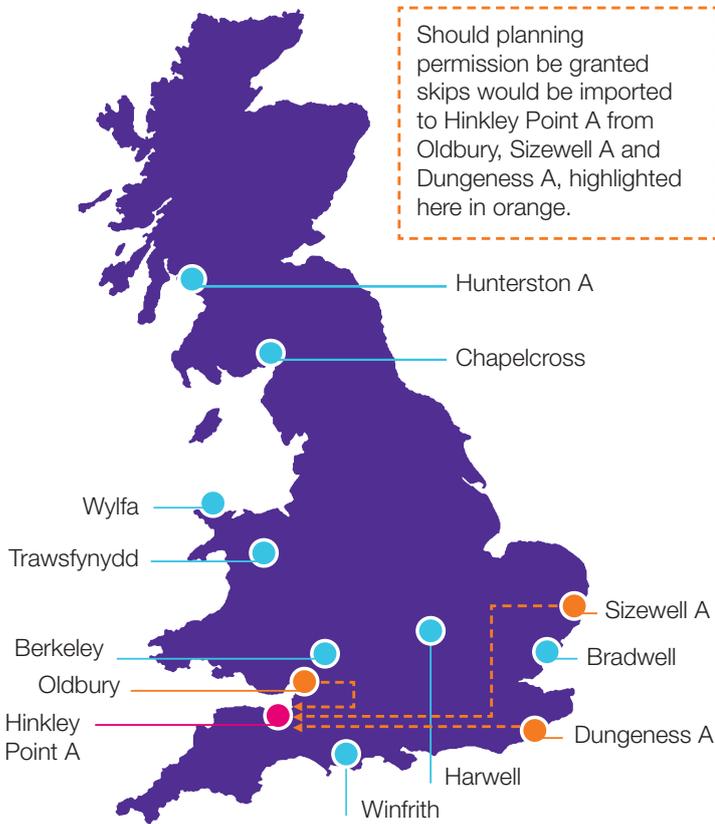
As part of a national strategy, Magnox intends to minimise the construction of ISFs by consolidating waste at some sites and making use of associated plant already in place. This will minimise impacts on safety, the environment and cost. Planning permission has already been granted for this approach at Berkeley and Bradwell sites, meaning that stores will no longer need to be built at Oldbury, Sizewell A or Dungeness A sites. This will result in considerably less construction and demolition work across the Magnox sites and also make significant savings for the UK taxpayer.

The proposals for Hinkley Point A Site involve the importation of around 110 ILW pond skips from Magnox sites at Oldbury, Sizewell A and Dungeness A Sites. This will create up to 22 additional packages to be stored in Hinkley Point A Site's ISF - approximately five per cent of the store's total capacity (expressed in terms of

concrete boxes), adding less than one per cent to the store's total radioactivity level. It is estimated that there will be up to 14 heavy goods vehicle (HGV) deliveries required to bring the skips to Hinkley Point A Site. There will also be a requirement for the delivery of up to 22 additional concrete boxes, and delivery of grout powders. After a GDF becomes available these packages will be dispatched from site for final disposal, along with Hinkley Point A Site's own packaged waste.

If planning permission were to be granted, movement of ILW skips to Hinkley Point A Site would likely take place during spring 2020.

If you wish to ask any questions or give us any feedback please email: steve.j.payne@magnoxsites.com



Proposed route for HGV's delivering skips and concrete storage boxes to Hinkley Point A Site.



Moving Forward

If you would like to find out more, we will be holding a number of public drop-in sessions in the locality – these are:

22 MAY 2019	Bridgwater Town Hall - Charter Hall room	1700 - 1900
05 JUNE 2019	Cannington Village Hall	1100 - 1300
05 JUNE 2019	Stogursey Church Rooms	1700 - 1900
11 JUNE 2019	Bridgwater Town Hall - Charter Hall room	1000 - 1200
11 JUNE 2019	Wembdon Village Hall	1400 - 1600

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A similar HGV and full height ISO container that could be used to deliver skips to Hinkley Point A Site.

Summary

- Our plans do not compromise security, safety or the environment.
- Around 22 additional packages will be stored in Hinkley Point A Site's ISF, which is around five per cent of the total capacity of the store.
- Up to 14 HGV movements will be required to deliver the imported skips.
- We will proactively look to time deliveries that least affect the local community.
- Sharing Hinkley Point A Site's ISF will help to avoid the building of ISFs at Oldbury, Dungeness A and Sizewell A sites.
- All waste stored in the Site's ISF will be transported to the national GDF after it becomes available.