

Hinkley Point B's Golden Numbers



At end of generation, each of the two reactors contained **308** irradiated fuel assemblies (IFA). Each IFA has **8** individual fuel elements.



FLASKS



£5m has been invested in the flask corridor to meet defueling demand.

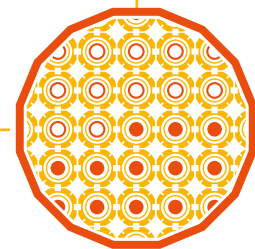


Our ambition is to defuel Hinkley Point B in approximately **3 years**

The removal of all IFAs from reactor 4 is estimated to take approximately **18 months.**



Scale of defueling



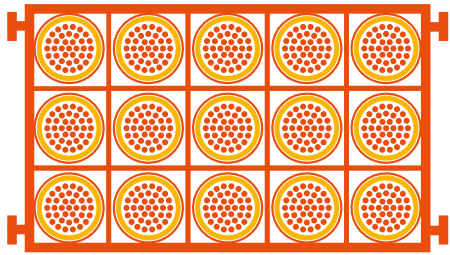
Defueling of reactor 4 started on 21 September 2022.



Removing the fuel on reactor 3 will begin once supporting plant modifications have been completed and reactor 4 is fuel free.

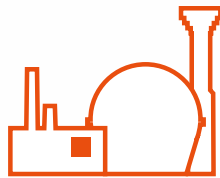


Flasks and fuel



Including the fuel elements stored in the cooling ponds and buffer store from generation activities, the station will need to remove approximately **5,300** spent fuel elements from the site.

The two types of fuel flasks to be used accommodate **8** and **15** fuel elements. It will take approximately **360** flask movements to remove all spent fuel from the power station.



An average of **3** flasks are planned to leave Hinkley Point B each week to go to Sellafield.



4 new flask transporters will carry the spent fuel between the site and Bridgwater Rail Head.