

GENERATION

Hinkley Point B

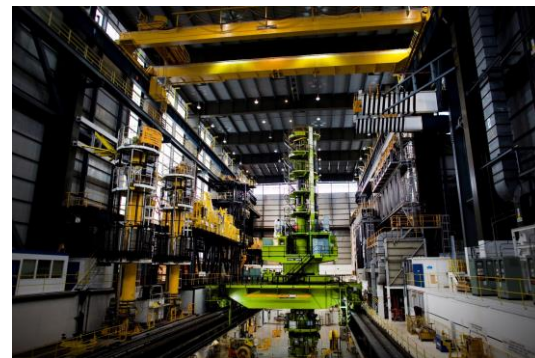
Station Director's Site Stakeholder Group Report – February 2023



S&S Meeting, February 2023 | GENERATION | NOT PROTECTIVELY MARKED | © 2019 EDF Energy Ltd. All rights Reserved.

Safety and Environmental Performance

- ❑ One of our employees sadly died after being involved in a road traffic accident when travelling home from work in December
- ❑ Over **16** years since our last nuclear reportable event – world class performance
- ❑ **1** lost time incident (LTI) occurred during the period after a member of staff tripped over a kerb while carrying some wood (see photo right)
- ❑ It has been over **3** years since the last LTI to a contract partner
- ❑ **2** other first aid injuries (minor nature) since the October SSG meeting
- ❑ **1** top tier environmental reportable event in **12** years
- ❑ Fire safety compliance in charge hall area
- ❑ Since end of generation, a Hazard Reduction Programme has started



Defueling Mission – A Reminder

- ❑ EDF are tasked with removing all the used fuel from the reactors and fuel ponds. This represents over 99% of radioactive material from the site.
- ❑ Including the fuel elements stored in the cooling ponds and buffer store, the station will need to remove approximately 5,300 spent fuel elements.
- ❑ Our ambition is to defuel Hinkley Point B in approximately 3 years.



Defueling Progress

To date we have:

- ❑ removed 29 irradiated fuel assemblies out of a total of 308 from reactor 4
- ❑ dispatched 22 spent fuel flasks
- ❑ We plan to start our reactor 3 pre-defueling outage in March 2023. This will prepare the reactor for defueling activities to begin.



Fuel Flasks

- ❑ Approximately 360 flask movements to remove all spent fuel from the power station.
- ❑ An average of 3 flasks will leave Hinkley Point B each week to go to Sellafield.
- ❑ This is an increase from the average of 1 per week during operation (flask transport to Bridgwater railhead started in 1984)
- ❑ 4 new flask transporters will carry the spent fuel between the site and Bridgwater Rail Head.



Transporting Spent Nuclear Fuel

- ❑ Flasks are incredibly secure with any risk considered minimal during transportation.
- ❑ The movement of spent fuel is governed by national security regulations.
- ❑ Flask transporters are not released from site onto the road network if there are known obstructions or incidents, and we endeavour to make these movements outside of peak traffic hours.





Employment

EDF employees

-

465

Contract Partners

-

200

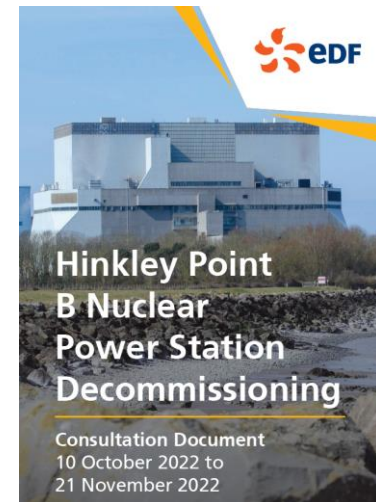
Agency staff

-

28

Other Station news

- ❑ We continue to work closely with Magnox and the NDA on transfer plans early decommissioning proposals
- ❑ A second public consultation is planned for the Summer on our decommissioning process
- ❑ Our 2023 emergency arrangements exercises have started, and the station's Level 1 exercise is on 22 June
- ❑ We have welcomed Nicola Fauvel (see right) to the Hinkley Point B Executive Team
- ❑ Hinkley Point B has raised over £45,000 for Prostate Cancer UK (1st in fleet), and over £600 for Mind in Somerset
- ❑ The station continues to support local charities and organisations with sponsorships and donations. For more information, contact Dave Stokes (dave.stokes@edf-energy.com)



GENERATION

Hinkley Point B

Station Director's Site Stakeholder Group Report – February 2023

