

Welcome

Agenda – Community Forum – 19th January 2023

1. Welcome and introductions - (Chair)
2. Meeting note / matters arising from last Forum held on: 22nd September 2022 - (Chair)
3. Project Progress Update - (Andrew Cockcroft, Anne Lawrence, EDF)
4. Briefing: Marine Works and Connecting the Cooling Water Tunnels - (James Long, Balfour Beatty)
5. Planning Update - (Andrew Goodchild, EDF)
6. Update: Office of Nuclear Regulation Report - (Alun Griffiths, ONR)
7. Update: Community Fund - (Justin Sargent, Somerset Community Foundation)
8. Main Site Forum Update - (Chair)
9. Transport Forum Update- (Chair)
10. Any other business - (Chair)
11. Date of next meeting: 18th May 2023

Item 3: Project Progress Update

Andrew Cockcroft

Senior Manager – Community Relations

Anne Lawrence

Head of Site Nuclear Compliance

Safety and Learning



Our Life-Saving Rules
GENERAL SAFETY



Our Life-Saving Rules
SITE & FIELD SAFETY



Our Simple Actions



ZERO HARM

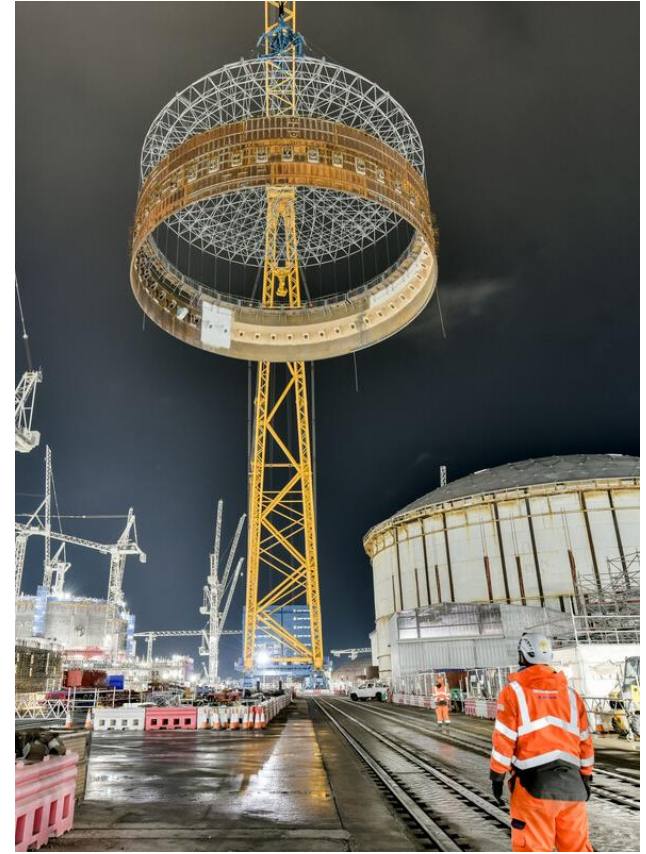




Unit 1 – Liner Ring 3



- The final 11-metre prefabricated steel ring liner has been lifted into place.
- Unit 1 now stands at over 40m and is ready for the installation of its iconic domed roof in 2023.



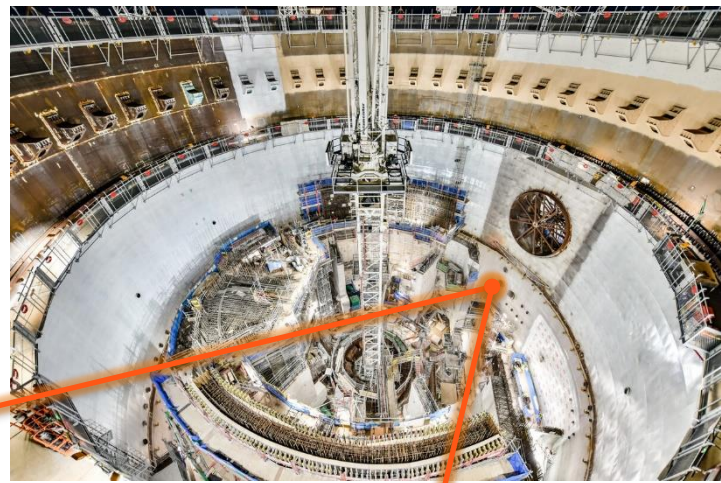
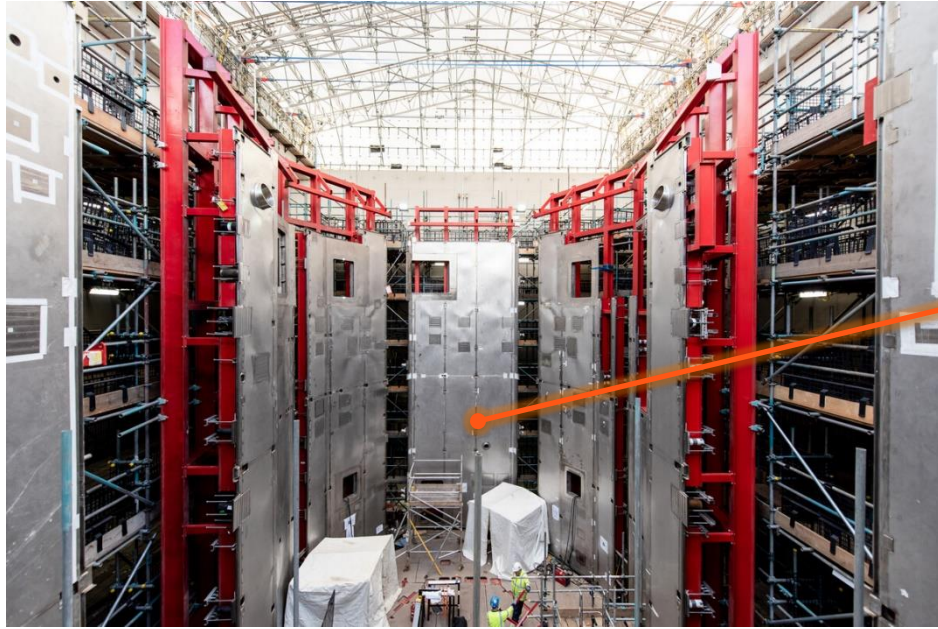
Reactor Pressure Vessel Complete

- The first nuclear reactor built for a British power station in more than 30-years is complete and ready for delivery to Hinkley Point C
- The “reactor pressure vessel” is the high strength cylinder that contains the nuclear fuel and the chain reaction needed to make heat.
- At just 13m long and weighing in at 500 tonnes, each of the two reactors at Hinkley Point C will help power around 3 million British homes.
- The reactor has been built in France by Framatome; the same nuclear engineering company which built Britain’s last nuclear reactor, at Sizewell B in 1991.
- Teams have spent 80,000 engineering hours on its construction.





Unit 1 – Storage Pools

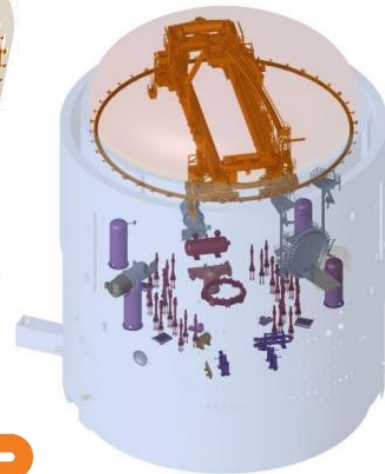
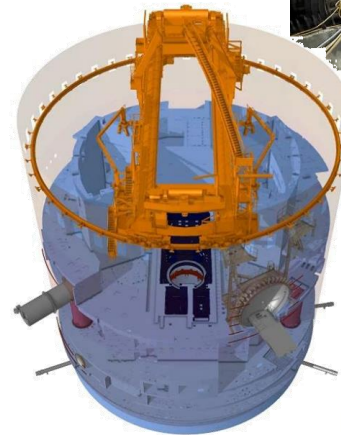


- One of the Project's heaviest lifts has been completed successfully as the Lance Storage and Transfer Compartment Pools were placed into Unit 1.
- Weighing in at around 780 tonnes, the lift marked the end of more than 12 months of intense assembly work in its prefabrication building.



Progress in 2023

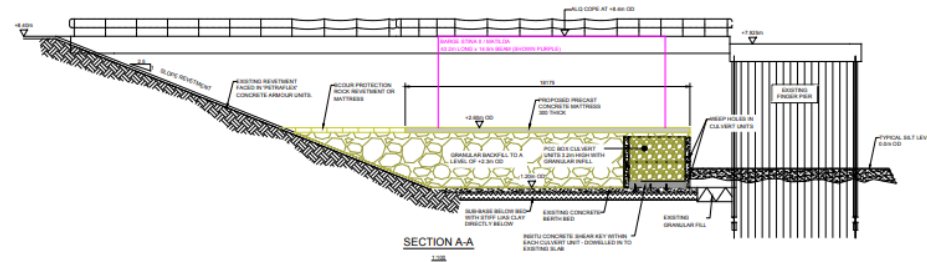
- The project **will reach the peak of construction** with both main-civil works and mechanical and electrical installations in progress.
- This will be **the year we place the Dome onto Unit 1** and receive the Reactor Pressure Vessel on-site.
- In the Bristol Channel, more great work will occur as we **drill the shafts to connect the heads** to the cooling water tunnels.
- **The main control room** that has been pre-fabricated will also be transferred into Unit 1 for its fit-out.
- In addition, the suppliers of our **Nuclear Steam Supply System** (Framatome) and Turbine (GE) will increase their presence on Site and start installing equipment.
- The MEH teams will also be **accelerating the installation of 1,000 km's of pipework and cabling** as rooms are transferred from the main-civils work.



MISSION 2
COMMISSION

Combwich Wharf and Logistics

- All remediation work now Completed at Comblwich Wharf with the installation of an upgraded berthing bed.
- A busy schedule of deliveries as major components begin to arrive to support the Mechanical and Electrical installation.
- Training of in-house teams to carry out escorted moves along the C182 completed and awaiting vetting confirmation.
- A focus on looking to weekend movement windows but we will need to ensure that deliveries spend as little time as possible at the Wharf itself.



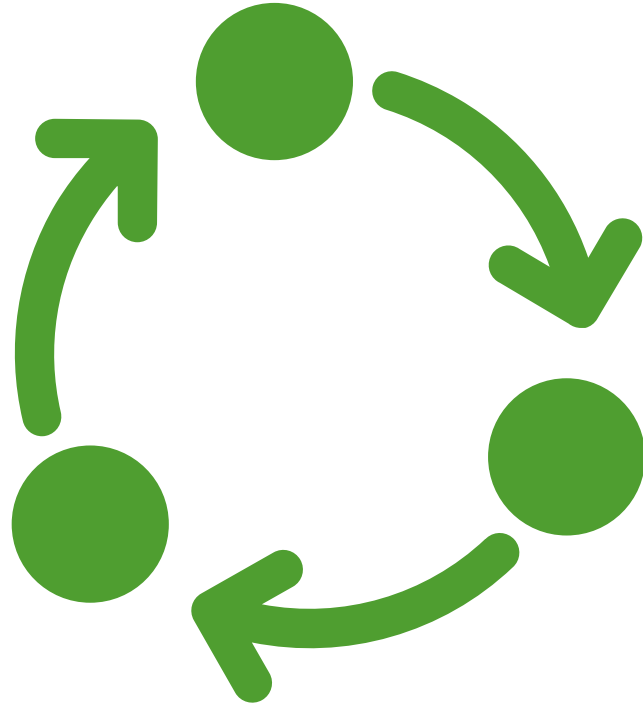
Community Work at Christmas



- Teams from across Hinkley Point C stepped up to show their support for local charities over the Christmas period.
- Our campus restaurants opened their doors for charities and vulnerable people whilst the projects main civil engineering partner BYLOR helped the Bridgwater Salvation Army with their “Be a star” appeal.
- Meanwhile, the Unite the Union South West branch was donating to the Bridgwater foodbank and mechanical and electrical teams lent a hand to Open Door Taunton, a day centre for the homeless community.

2022 – End of Year Film





Thank You

Pre-submitted Questions

- *After devoting considerable time to the Pontins accommodation issue at the last Forum, why is there nothing about this for this forum and what is the situation regarding the refurbishment and amount of accommodation now available at Pontins?*
 - Submitted by Roy Pumfrey, Stop Hinkley
- *Bearing in mind the history of falsification of technical details of forging at France, and the cutting up of the original French Reactor Pressure Vessel forgings, for carbon content testing have the tops of the new reactor pressure vessels been forged in Japan?*
 - Submitted by Allan Jeffery, Green Party Representative

Item 4: Briefing - Marine Works and Connecting the Cooling Water Tunnels

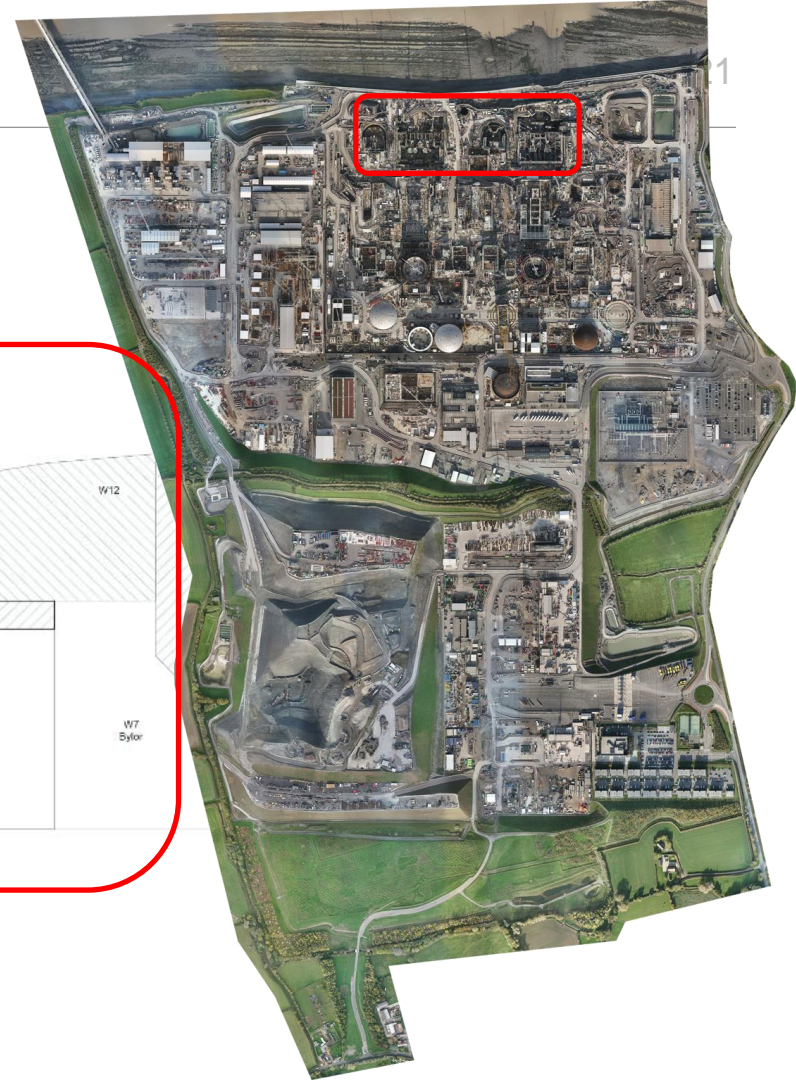
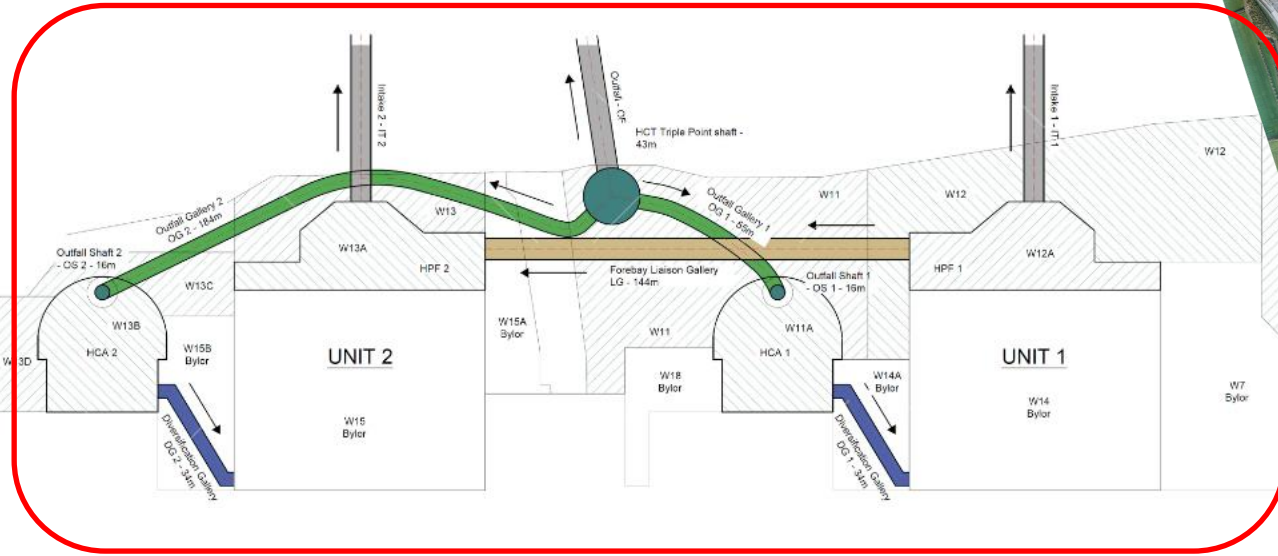
James Long

Balfour Beatty

Hinkley Point C Marine Works Project



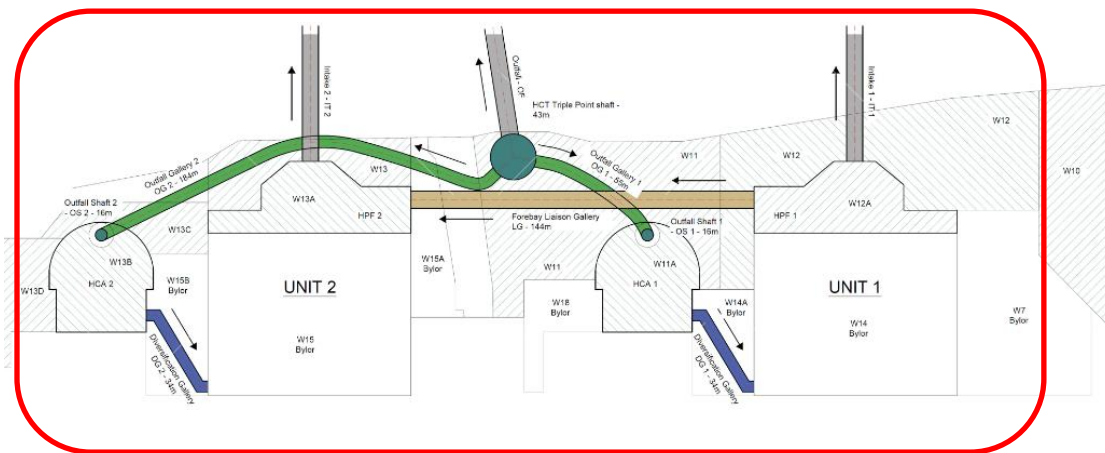
Overview of Balfour Beatty works



HPC Marine Works

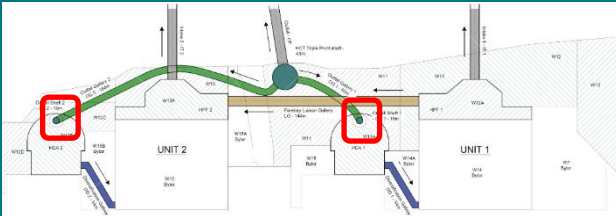
The scope of the Marine Works comprises:

- 2No onshore shafts (**COMPLETE**)
- 5No onshore galleries (**COMPLETE**)
- 3No offshore tunnel bored tunnels (**COMPLETE**)
- 6No offshore tunnel shaft connections (**ANXILLARY WORKS ONGOING**)



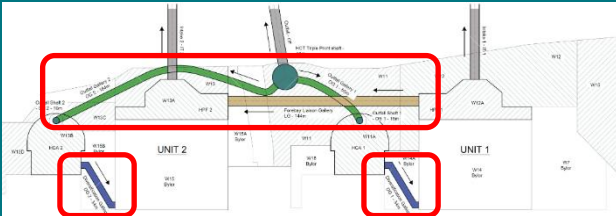
Onshore achievements

- The two onshore shafts which connect the heat sink with the network of onshore galleries and TBM tunnels which comprise the HPC Marine Works were successfully completed.
- These employed a specialist formwork system to achieve a smooth, continuously profile.



Onshore achievements

- We've successfully constructed the five onshore galleries which connect the heat sink with the offshore tunnels.
- These were constructed using cast in-situ concrete technology including the use of an innovative shutter to form the circular geometry.



- [illegible]



Offshore achievements

- Four “intake” and two “outfall” heads have been successfully placed on the bottom of the Bristol Channel.
- The six structures, some weighing up to almost 5,000 tonnes each, will be connected to the five miles of underground tunnels.
- Filter Layer placement complete.

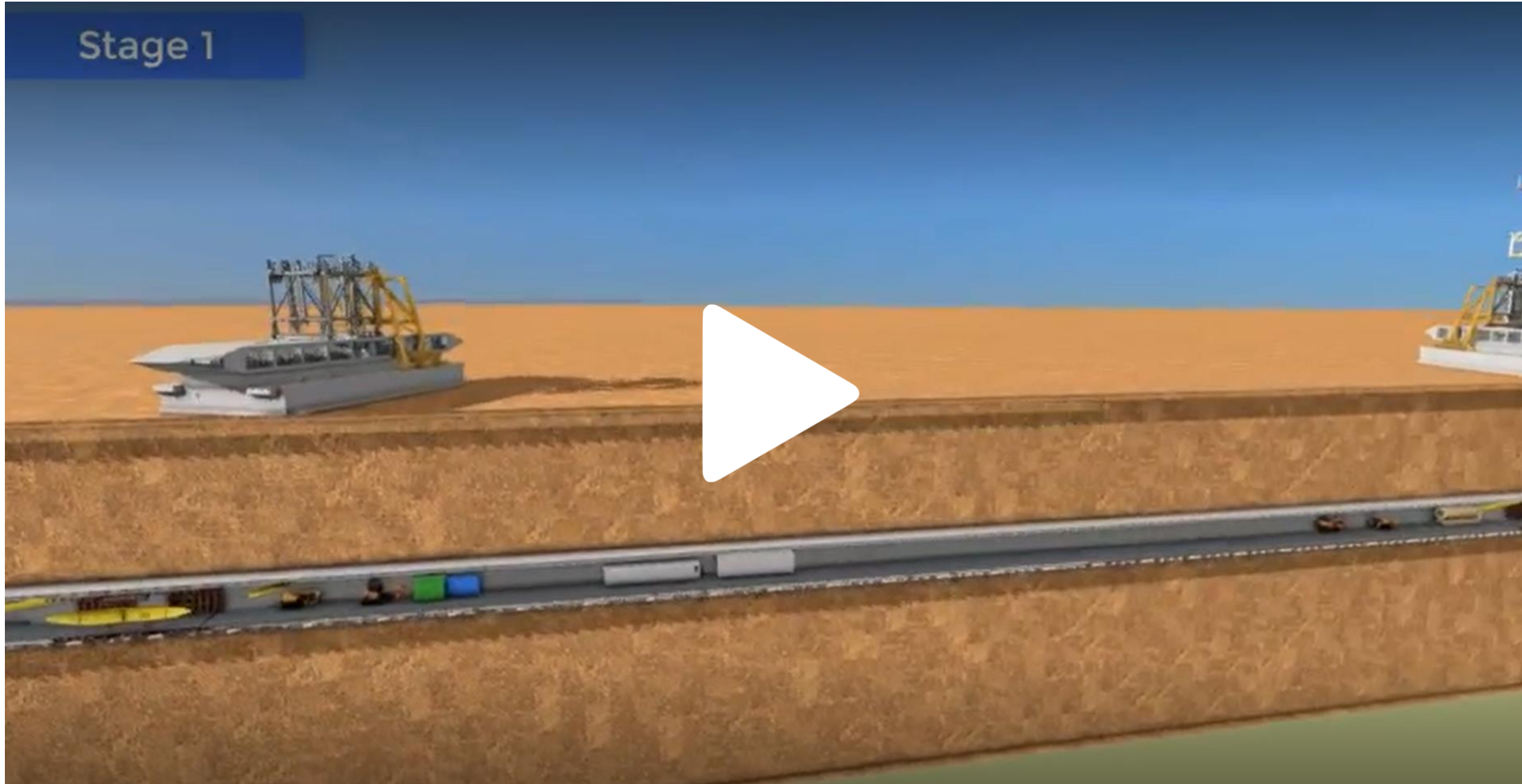


Looking Ahead...

- Shaft drilling for offshore shafts and installation of the liner assemblies.
- First segment breakout – commencing another significant engineering milestone as we start to connect our tunnels to the shafts.



Stage 1



Pre-submitted Question

- *How long will it take to connect the cooling water intake heads to the intake tunnels?*

- Submitted by Allan Jeffery, Green Party Representative

Item 5: Planning Update

Andrew Goodchild

Planning Manager

Update on Material Change Application

Material Change to Development Consent Order

Recap

- HPCs proposal not to install an AFD requires three approvals
 - Change to DCO;
 - Environmental Permit; and
 - Marine Licence
- In 2019 HPC undertook a pre-application consultation on the change to the DCO
- HPC made an application to vary the Environmental Permit in 2020 and subsequently appealed in 2021. In September 2022 that appeal was dismissed by the Secretary of State
- At the end of 2022 HPC were considering challenging decision and was preparing a further DCO consultation covering AFD and four other matters including revisions to the Interim Spent Fuel Store

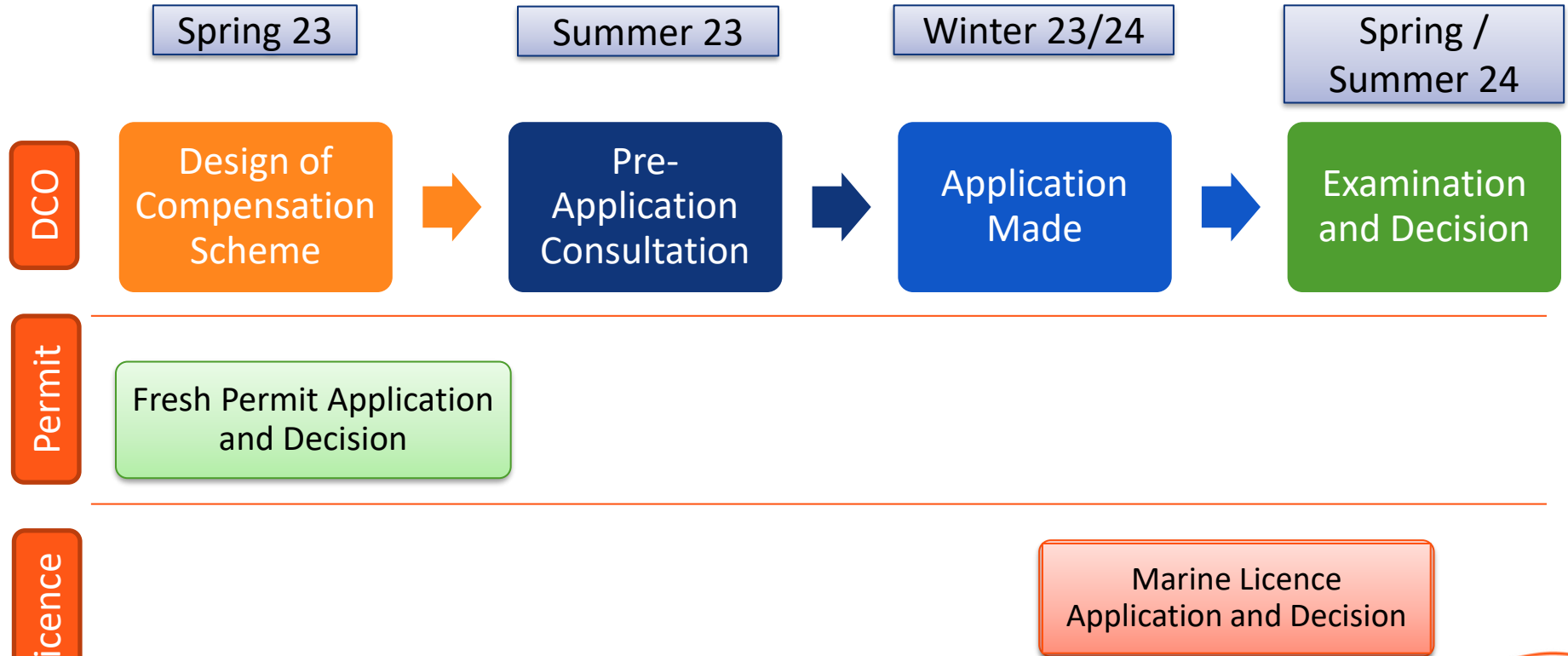
Material Change to Development Consent Order



Update

- Following positive conversations with the Environment Agency, HPC decided not to challenge the SoS's decision on the Environmental Permit appeal
- Instead, HPC will work with the EA and other relevant bodies to develop a compensation scheme to address impacts on migratory fish and the assemblage of fish in the Bristol Channel
- The following slide sets out the anticipated timeline going forward

Anticipated Timetable for DCO, Permit and Licence

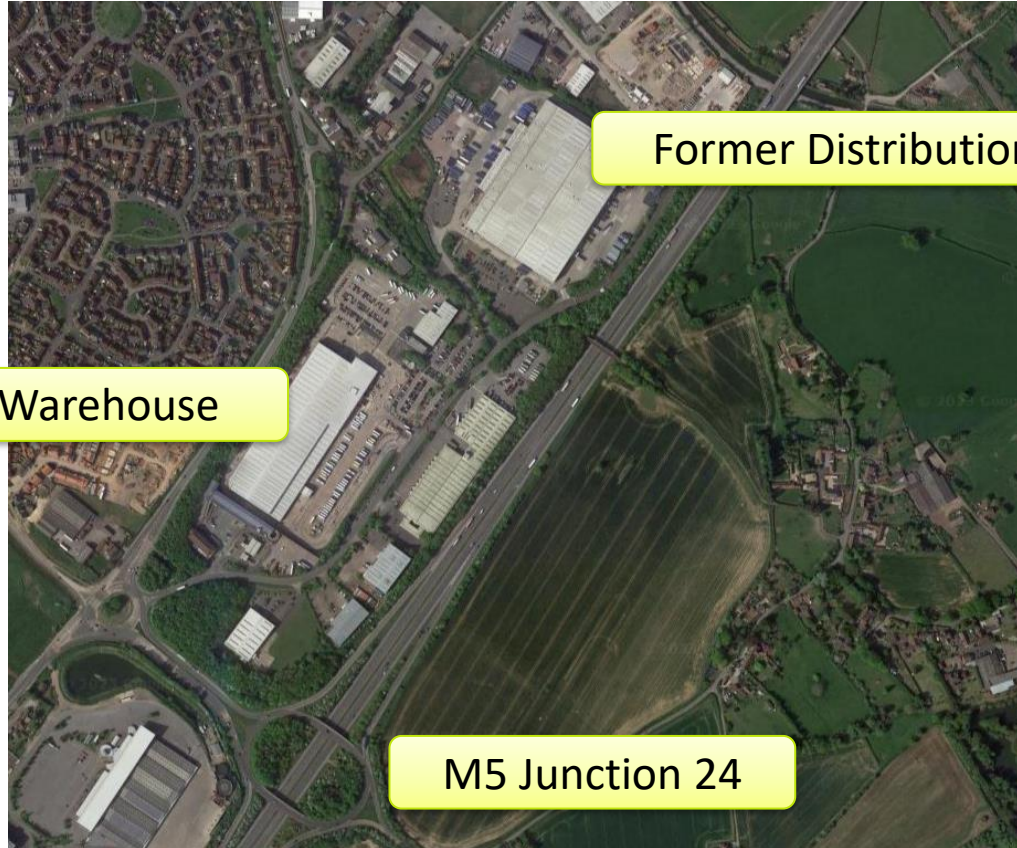


Introduction to Hinkley Logistics Hub

Junction 24 – Hinkley Logistics Hub

- HPC has taken a 5 year lease on the former Argos Distribution Centre site near Junction 24
- We will use the warehouse to store equipment and material prior to it being transported to HPC (similar to the warehouse at the existing Junction 24 Park and Ride site)
- The number of HGV movements will not be anywhere as intensive compared to the former occupier and so we propose to make use of the hardstanding around the building as bus storage with some additional park and ride capacity

Junction 24 – Wider Context



Former Distribution Warehouse

Existing HPC Warehouse

M5 Junction 24

Junction 24 – Existing Junction 24 Operation



Existing
Warehouse

Bus Parking

Park and Ride

SPS
Offices/VMU

Junction 24 – Proposed Hinkley Logistics Hub



Existing
Warehouse

Bus / HGV
Parking

Park and Ride

Warehouse
Staff Parking

Junction 24 – Proposed Hinkley Logistics Hub



Bus / HGV
Parking

Park and Ride

Warehouse
Staff Parking

Bus Route

Junction 24 – Hinkley Logistics Hub



Bus / HGV Entrance/Exit



Warehouse Staff Parking Area



Park and Ride Area



Park and Ride Area

Junction 24 – Hinkley Logistics Hub - Rational

- Additional Parking (~650 cars) will provide HPC with additional spaces at peak of construction;
- Helps HPC achieve a better distribution between J23 and J24 whilst work at Dunball Roundabout is undertaken in 2023/24
- Creates additional employment opportunities for local people / former distribution centre staff
- Allows SPS to retain their base of operations at J24
- We are preparing an application to be submitted in Jan/Feb for the park and ride use with a separate application for some fencing at the site which was submitted last week

Junction 24 – Hinkley Logistics Hub

- Do Members of the Forum have any questions in relation to the proposal for the Hub?
- Do Members of the Forum have any comments / thoughts which they would like us to take into account when preparing the application which will be submitted to Sedgemoor District Council?

Thank You

Pre-submitted Questions

- *How many workers are currently on site, how does this number compare with the anticipated number at this time and how does recruitment for HPC impact on the availability of skilled workers for HPA (and subsequent HPB) decommissioning, a concern voiced by Magnox in a recent ONR report?*
 - Submitted by Roy Pumfrey, Stop Hinkley
- *As EDF are not going to challenge the Secretary of State's decision on removing the Acoustic Fish Deterrent, you still seem determined to not use this fish protection measure and are trying to get the Environment Agency to accept compensation measures and change the environmental permit instead. Please give an update on how compensation might be offered to compensate for 60 years of fish and marine life mortality.*
 - Submitted by Allan Jeffery, Green Party Representative



Office for
Nuclear Regulation

ONR Community Forum Report Highlights

Alun Griffiths

January 2023 Update

Item 6: Office of Nuclear Regulation Report

ONR Report Q3/4 2022

In this period, routine inspections (including an un-announced out of hours inspection) of the HPC site covered the following:

- plant construction and/or commissioning;
- emergency preparedness;
- quality assurance and records;
- organisational capability;
- conventional (non-nuclear) health and safety;
- security

Permissioning

- Under Licence Condition 19, we applied flexible permissioning (Enhanced Implementation, Monitoring and Control (EIM&C)) to the shipment of the unit 1 reactor pressure vessel (RPV) from the Framatome manufacturing plant in St Marcel, France.
- ONR's next major permissioning point, using primary powers, will be the start of inactive commissioning. However, in advance of that ONR will continue to apply flexible permissioning to allow the start of a number of other activities.

Non-routine Matters

- ONR has commenced a formal investigation following the tragic fatality that occurred on site in November 2022. We are working closely with Avon and Somerset Police who are currently leading the investigations on the site.
- As a result of inspections on the site, inspectors issued three prohibition notices relating to specific activities involving vehicles and plant machinery.
- The prohibition notices were issued under the Health and Safety at Work etc Act 1974 and secondary legislation including the Construction (Design & Management) Regulations 2015 and the Provision and Use of Work Equipment Regulations 1998.
- The investigation into the event at site that resulted in a worker sustaining injuries as a result of a rebar mesh wall falling continues.
- At this time, we are unable to provide further details about the notices, or about the ongoing investigations, as these remain live inquiries.

Item 7: Update: Community Fund



Update

January 2023

Justin Sargent
Somerset Community Foundation

Grants awarded		
Programme	Awarded*	No. of grants
Strategic grants	£1,542,823	11
Small grants	£509,001	139
Otterhampton	£345,693	15
Open Grants	£4,703,893	48
Community Development	£10,000	2
	£7,111,410	215

* For the period 2017 - 2025

Recent Examples

“Home of Carnival”



Friends of North Petherton Library



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www.somersetcf.org.uk

Item 8: Main Site Forum 20th October 2022

Chair

Item 9: Transport Forum 17th November 2022

Chair

Item 10: Any other business

Chair

Item 11: Date of next meeting: 18th May 2023

Chair

Thank You