

Welcome

Agenda – Community Forum – Online 21 January 2021

1. Welcome and introductions
2. Meeting note / matters arising from last Forum held on: 24 Sept 2020 - (Chair)
3. Project Progress Update - (Andrew Cockcroft, Anne Lawrence, EDF)
4. Update: Office of Nuclear Regulation Report - (Jason Crook, ONR)
5. Update: Community Fund - (Justin Sargent, Somerset Community Foundation)
6. Main Site Forum 22nd October 2020 - (Chair)
7. Transport Forum 26th November 2020 - (Chair)
8. Any other business - (Chair)
9. Date of next meeting: Thursday 20th May 2021 at 6pm

Item 3: Project Progress Update

Andrew Cockcroft

Senior Manager – Community Relations

Anne Lawrence

Head of Site Nuclear Compliance

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The DECADE 2 ZERO



18 Goals Delivered

2020 Progress – Unit 1 Nuclear Island



Unit 1 Nuclear Island

Work well underway in centre of Unit 1 on internal structures

- Reactor Pit
- 'In Reactor Water Storage Tank'
- Core Melt Stabilisation System
- Production started on the liner for in-containment water cooling system
- Large concrete slabs (+800 t), part of Unit 1 internal structure have been poured in fabrication areas and lifted into place.



2020 Progress – Unit 1 Nuclear Island



- The liner ring is the second of five pieces that make up the steel containment for each reactor, including the base and the dome
- The first steel containment ring weighs 382 tonnes – around the weight of a 747 Jumbo jet
- The ring was gently placed on 96 hydraulic jacks which lowered the ring into its exact position.

Wider Progress



Unit 2 Nuclear Island

- The Reactor Building and outer containment formwork is advancing quickly - leveraging lessons learned from Unit 1
- Sump Suction Lines (SSL) pipes installed on Unit 2 of the Reactor Building



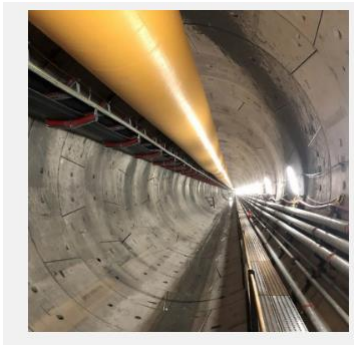
Heat Sink Pump Station

- The building supplies the cooling water to the reactor unit and turbine generator. This structure includes over 90 thousand cubic metres of concrete (40 Olympic Swimming Pools) and approx. 1,500 concrete wall placements



Unit 1 Conventional Island

- 7 out of 15 of the Turbine Generator (TG) steel columns have been installed which will eventually support the generator itself (Under construction)



Unit 1 Intake Tunnel

- TBM Mary has completed her drive
- 3.5km
- 340,000 tonnes of excavation
- 2,300 permanent rings and nearly 14,000 segments

Looking Forward – 2021/2022

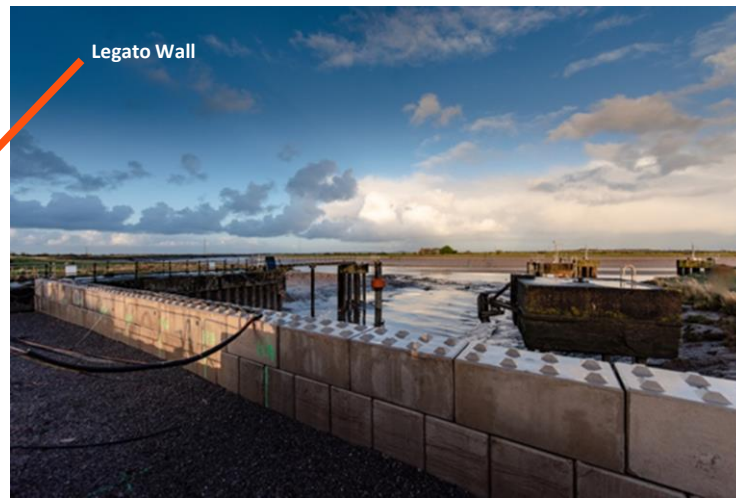
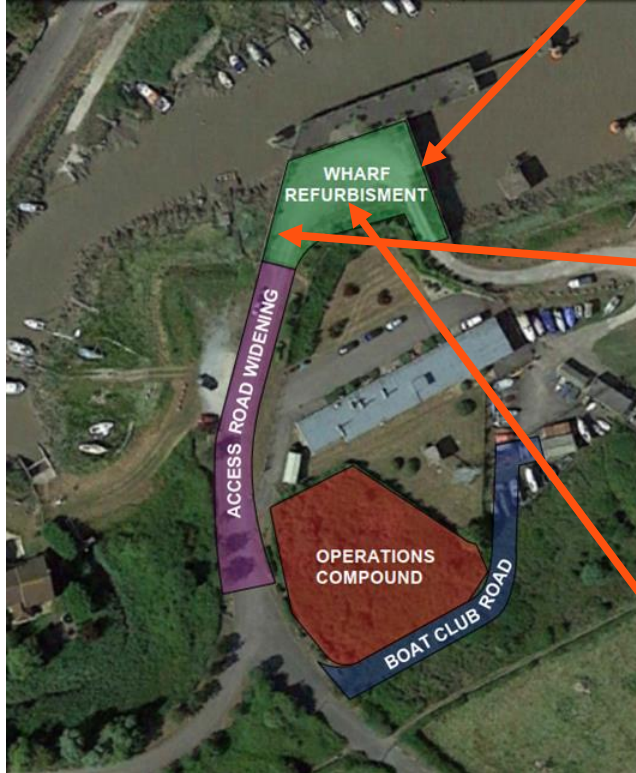
2021



2022

- All Civil & MEH engineering will be almost completed
- Tunnelling completed
- Turbine Hall building completed
- Reactor Pressure Vessel (RPV) will have been delivered to site
- Connection to National Grid completed
- Operations Training underway
- 90% of Unit 1 equipment & 70% of Unit 2 equipment delivered to site.

The Dome of Unit 1 will be lifted into place!



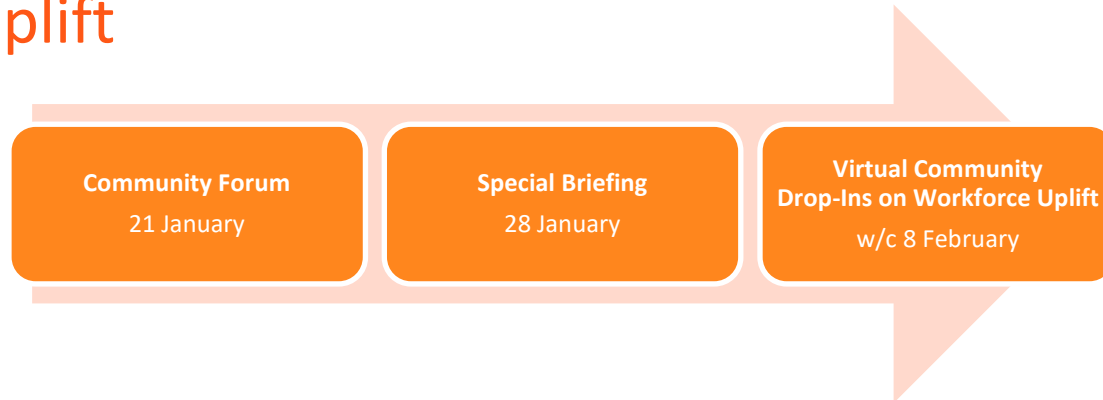
Progress

- Completed removal of the Transfer Slab in Autumn 2020
- Current focus is completing the piling (using vibration and drilling techniques)
- Next activity will be to construct the new Transfer Slab and remove Legato Wall
- Best practice noise mitigation continues to be used
- No complaints received regarding noise associated to the piling activity.

Mud Dredging

- The project is now making applications to regulatory authorities for disposal of mud from the second phase of dredging later in 2021
- The mud has to be disposed of within the Severn Area of Conservation (SAC) and we are making applications to Natural Resources Wales for the Cardiff Grounds licensed disposal site and to the Marine Management Organisation for the Portishead licensed disposal site
- CEFAS have tested the mud beyond internationally recognised best practice, with more samples at greater depth and with a greater range of analysis. We will also conduct full Environmental Impact Assessments.

Workforce Uplift



Responding to Covid-19

- Reassurance to the local community and workforce that we will not drop our guard in the coming months
- The extensive measures to prevent infection are proving to be effective and they will continue to be in place for as long as the risk exists. Our approach has been commended by Public Health England and our independent regulator, the Office for Nuclear Regulation
- We are completing an extensive testing programme - doubling our capacity for random and targeted testing across the entire workforce. This will identify people carrying the virus, even if they don't show any symptoms. If they test positive, they will be asked to self-isolate in line with Government guidance.

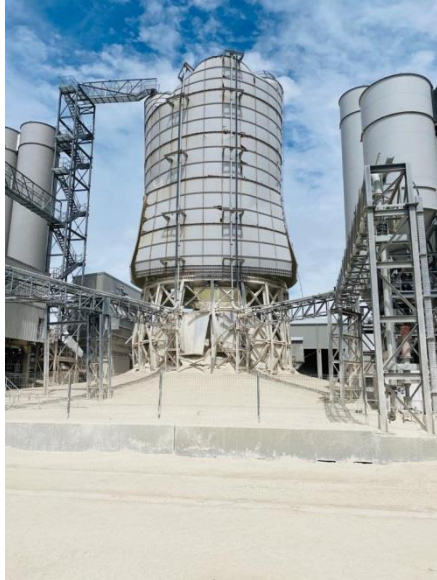
Robust mitigation measures remain in place

- Thermal imaging cameras on entry
- Protective screens in our canteens and on coaches
- Face coverings mandatory in office areas and communal areas
- Extra buses are in operation to limit the number of passengers, facilitating social distancing
- Bus services for workers are focused on our park and ride sites where social distancing can be enforced
- Doubling of testing capacity is increasing and use of our own facilities.



Above: Our dedicated team of **Covid Champions** have been further strengthened

GGBS Silo Update



- Removal of silo complete.
- 3 batching plants back in service (4th by end of the month)
- Metallurgical analysis work ongoing
- Summary of investigation findings to be published on HPC website when concluded.



Thank You

Pre-submitted Questions - Project Progress Update

- *“On 10 June 2020 GGBS Silo Collapse Update. Last November, ONR believed that they would receive a report from EdeF ‘before the end of the month or in early December 2020’. At November’s Transport Forum, EdeF casually stated there would be a report ‘by the end of the year or early in the New Year’. The latest Update makes no mention of a date for the report. Isn’t this yet more evidence of EdeF’s casual attitude and ONR’s compliance with a reluctance by the Licensee to explain what happened? EdeF’s ‘like it or lump it’ attitude is deplorable.”*

- submitted by Roy Pumfrey, Stop Hinkley
- *“On Workforce Uplift. In February 2020, EdeF attended Stogursey Parish Council’s meeting to inform attendees that they would be applying to increase the number of workers on site at HPC above the 5,600 maximum. Obviously, Covid-19 has stalled that process. If EdeF have some figures on what is proposed, what are they and why aren’t they declared on a slide ahead of the Forum for consideration prior to the meeting?”*

- submitted by Roy Pumfrey, Stop Hinkley

Pre-submitted Questions - Project Progress Update

- *“When do you think the public enquiry for you refusing to use the AFD will be?”*

- submitted by Jo Smoldon, Green Party
- *“If the Secretary of State refuses your request to drop the AFD, do you have an alternative cooling system lined up?”*

- submitted by Jo Smoldon, Green Party



Office for
Nuclear Regulation

ONR Site Stakeholder Report Highlights

Jason Crook

January 2021 - Update



ONR Reports- Q3 2020

- Quarter 3 2020 Report
 - LC19 - Construction or Installation of New Plant – ONR civil engineering specialist inspector visited site and gained confidence that NNB is continuing to appropriately manage civil construction activities.
 - Covid 19 - ONR found that NNB has implemented appropriate measures to control the risk from Covid 19 and has observed that these have matured as government guidance has evolved.



ONR Reports- Q3 2020

- Quarter 3 2020 Report
 - LC6 - Documents, records, authorities and certificates - ONR found that whilst site records for reinforced concrete were being produced to a high standard, there had been delays in producing required lifetime quality records for a number of items such that they did not yet meet NNB GenCo (HPC) Ltd.'s timescales for delivery. ONR has an extant regulatory issue on this topic and is monitoring NNB's progress with its associated improvements.
 - In addition, ONR noted an example where the records for one of the sampled items (core melt discharge channel), as presented did not yet fully demonstrate compliance with expected lifetime quality record requirements. NNB has now satisfactorily resolved this issue.



Covid 19

- ONR site inspection activities are currently under review given the rapidly changing and deteriorating Covid 19 situation. As ever ONR remain available to attend site should it be operationally required.

Item 6: Update: Community Fund



Update

January 2021

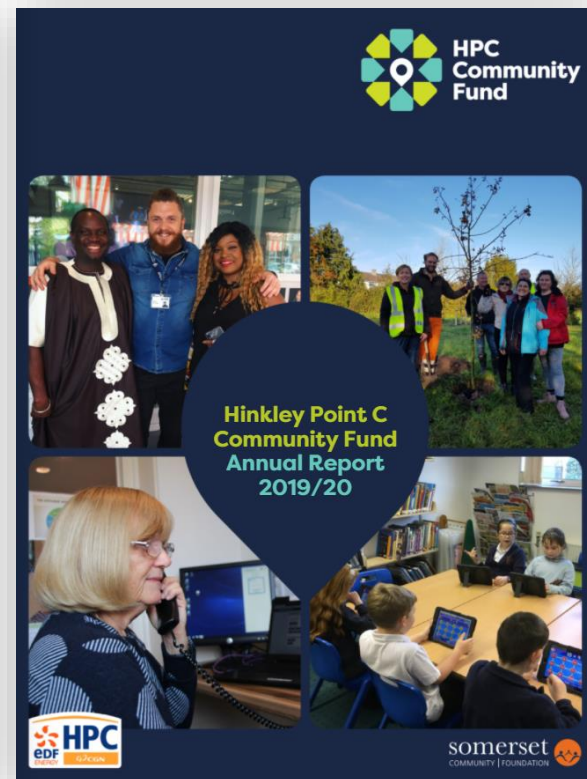
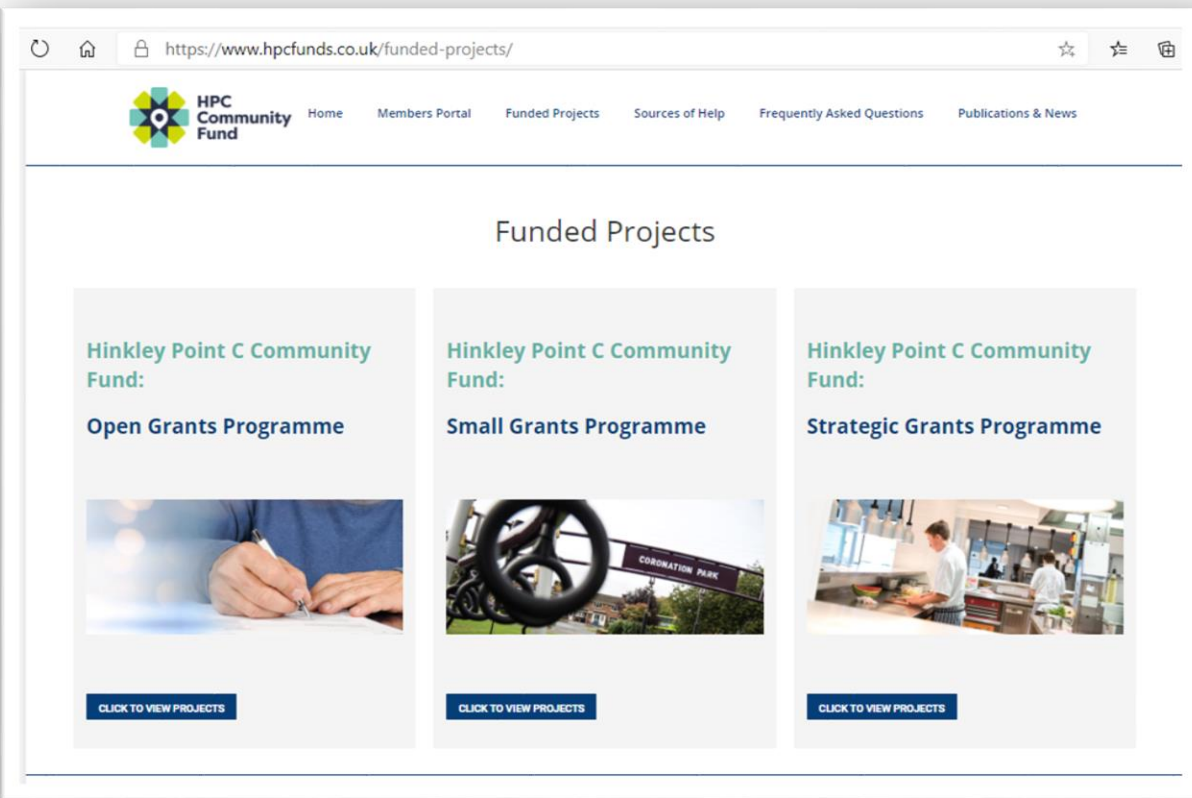
Justin Sargent
Somerset Community Foundation



Grants awarded		
Programme	Awarded*	No. of grants
Strategic grants	£1,542,823	11
Small grants	£315,529	82
Otterhampton	£303,270	13
Open Grants	£2,108,569	26
Community Development	£10,000	2
	£4,280,191	134

* For the period 2017 - 2023





Recent Examples

AT West



Haygrove School



Otterhampton Village Hall



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www.somersetcf.org.uk

Item 7: Main Site Forum, 22nd October 2020

Chair

Item 8: Transport Forum, 26th November 2020

Chair

Item 9: Any other business

Chair

Item 10: Date of next meeting

Thursday 20th May 2021 at 6pm

2021 dates for the Community, Main Site and Transport Forums

All 6pm start and on Thursdays – online until further notice.

Community Forum	21st January 2021	20th May 2021	23rd September 2021
Main Site Forum	4th March 2021	24th June 2021	21st October 2021
Transport Forum	18th March 2021	22nd July 2021	25th November 2021

www.edfenergy.com/hpccommunity

Thank You