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📷 THE VIEW FROM HPC

2020 END OF YEAR SPECIAL

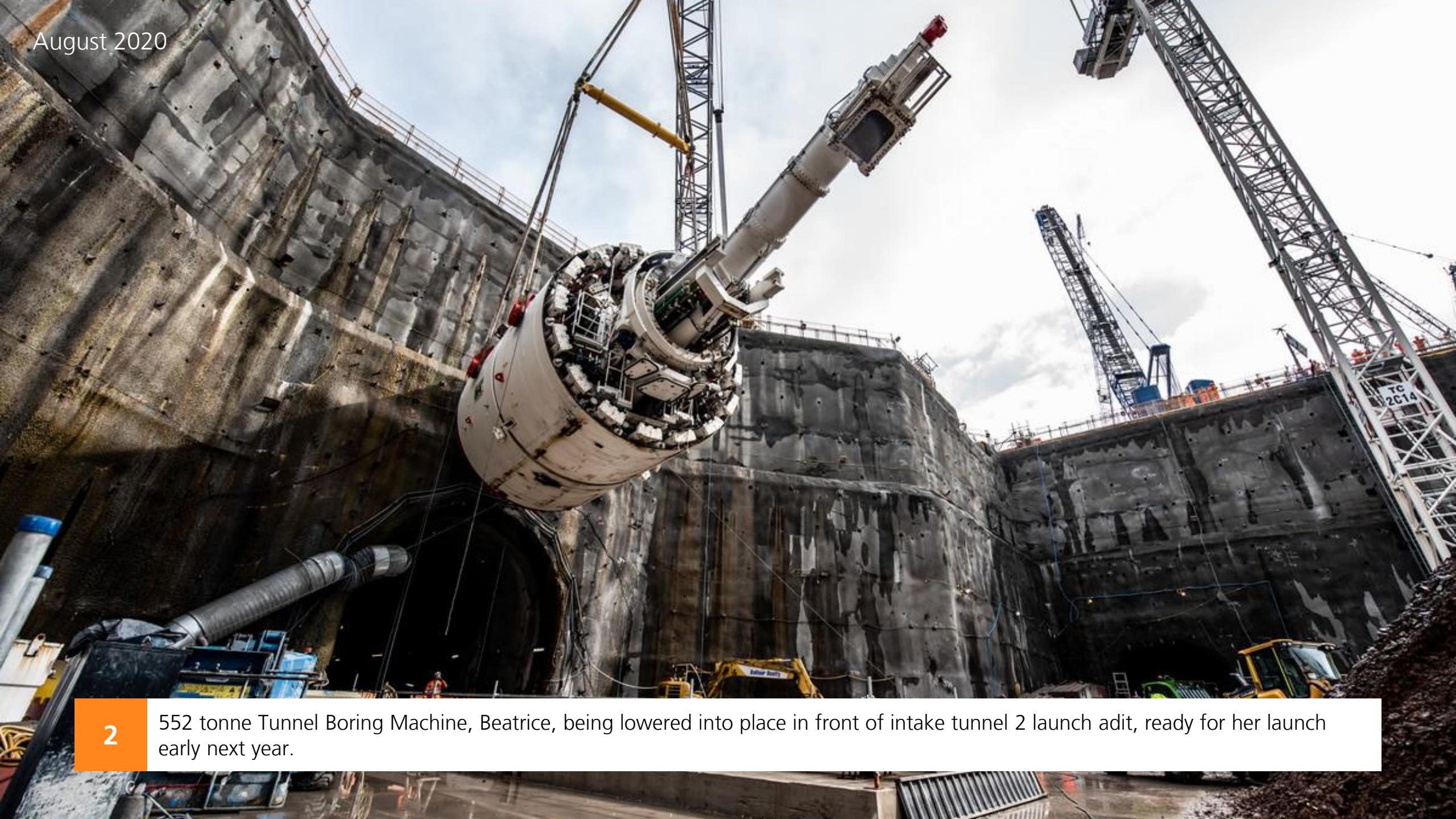
Featuring photos throughout 2020

March 2020



1

View inside the 46m HCT shaft. In March the HCT shaft acted as the launch shaft for the Tunnel Boring Machine Emmeline, which has commenced boring of the outfall tunnel.



2

552 tonne Tunnel Boring Machine, Beatrice, being lowered into place in front of intake tunnel 2 launch adit, ready for her launch early next year.



3

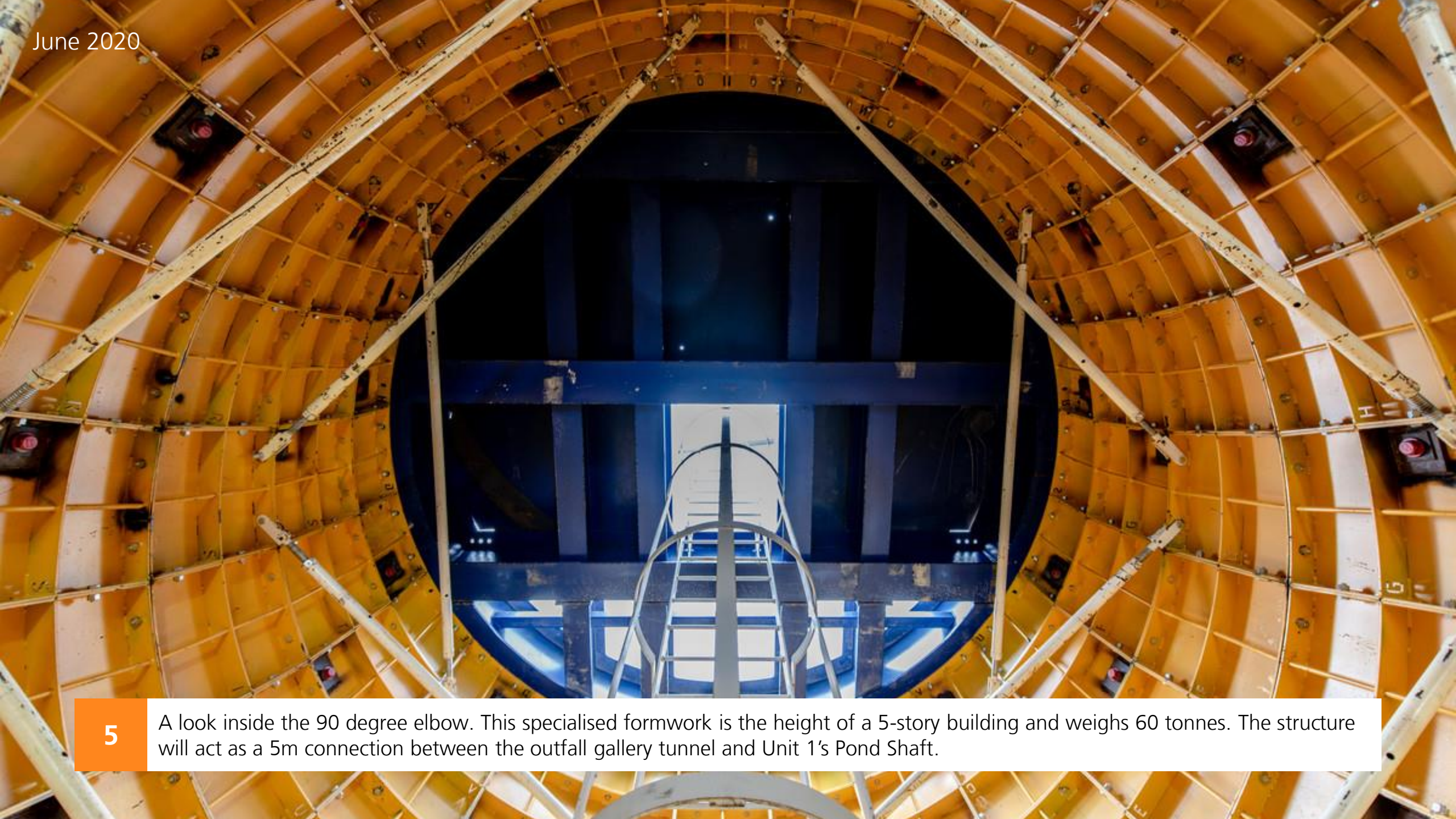
Balfour Beatty team member, Inga Navickaite, working on the tunnelling operations at Unit 1 Pond Shaft.

December 2020



4

Mary, our first Tunnel Boring Machine, reached the end of her 3.5km journey in December. She has excavated around 340,000 tonnes of material at 33m under the seabed of the Bristol Channel.



5

A look inside the 90 degree elbow. This specialised formwork is the height of a 5-story building and weighs 60 tonnes. The structure will act as a 5m connection between the outfall gallery tunnel and Unit 1's Pond Shaft.

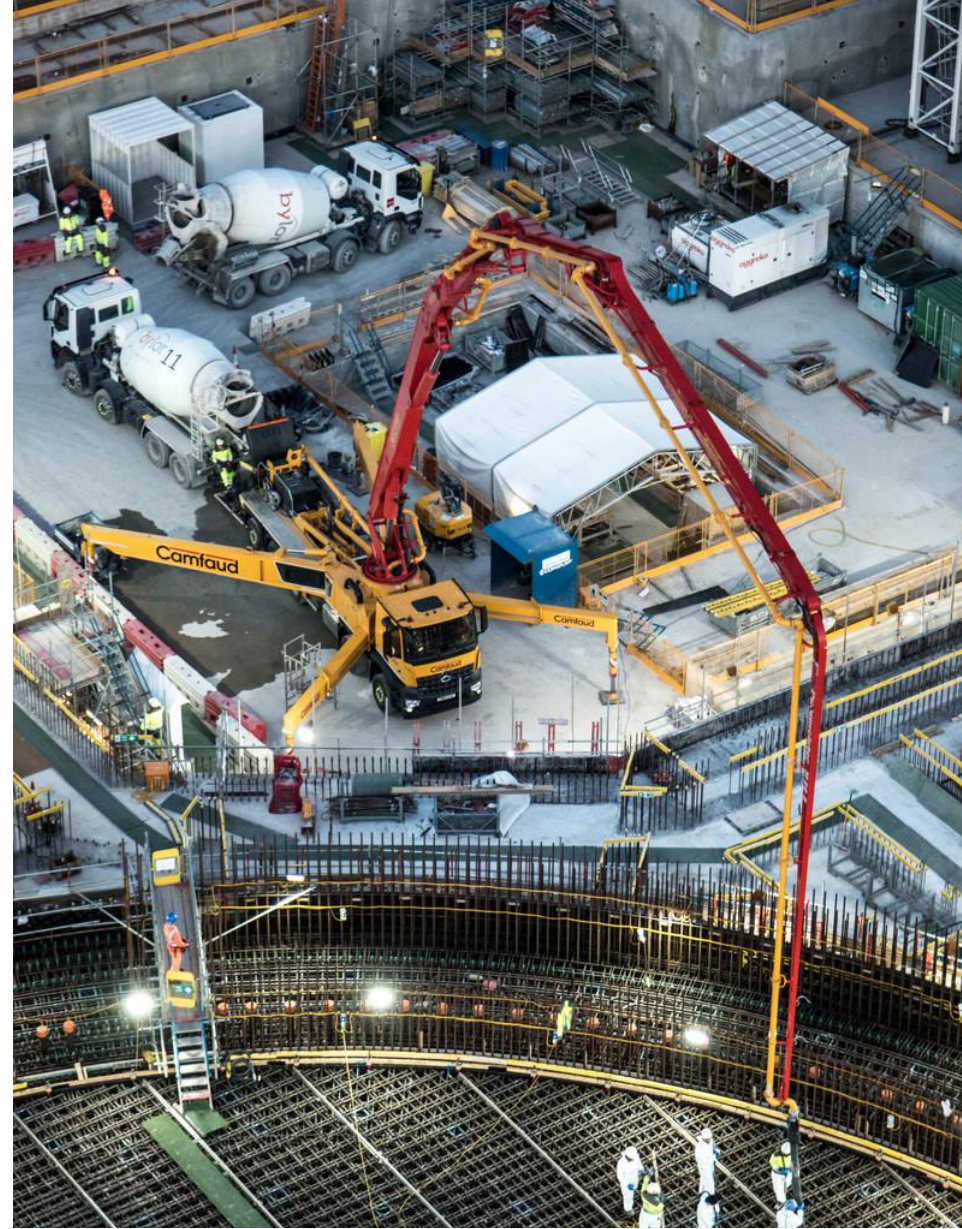
May 2020



6

In May we achieved the largest single concrete pour in the UK on Unit 2. This 9,000m³ pour marked the completion of the 49,000 tonne common raft.

June 2020



7

Achieving J0 on a nuclear construction project is a major milestone as it signifies work starting above ground on the Nuclear Island's permanent buildings.



8

Baylor team member, Ross Broad who is a CNC Plasma Cutter, working in the metalwork workshop on Site.



April 2020



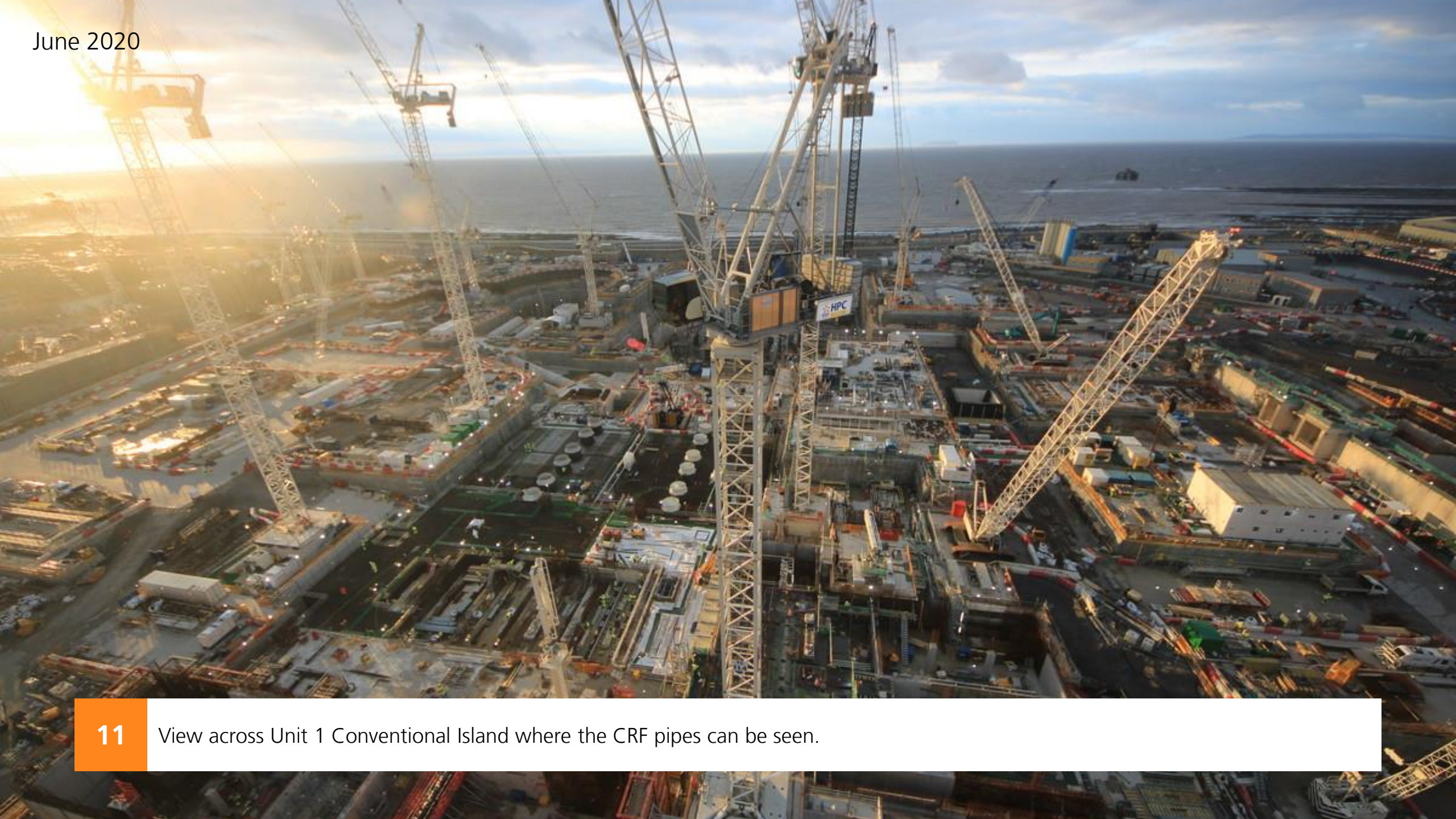
9 In April, Socea Denys, completed the installation of Unit 1's CRF pipes. They will channel cooling water into the power station.



10

The 150+ strong Socea Denys team have taken lessons from Unit 1 and implemented improvements on Unit 2 which have had a huge impact on productivity and safety. They've also achieved over 500,000 hours without a Lost Time Injury.

June 2020



11

View across Unit 1 Conventional Island where the CRF pipes can be seen.

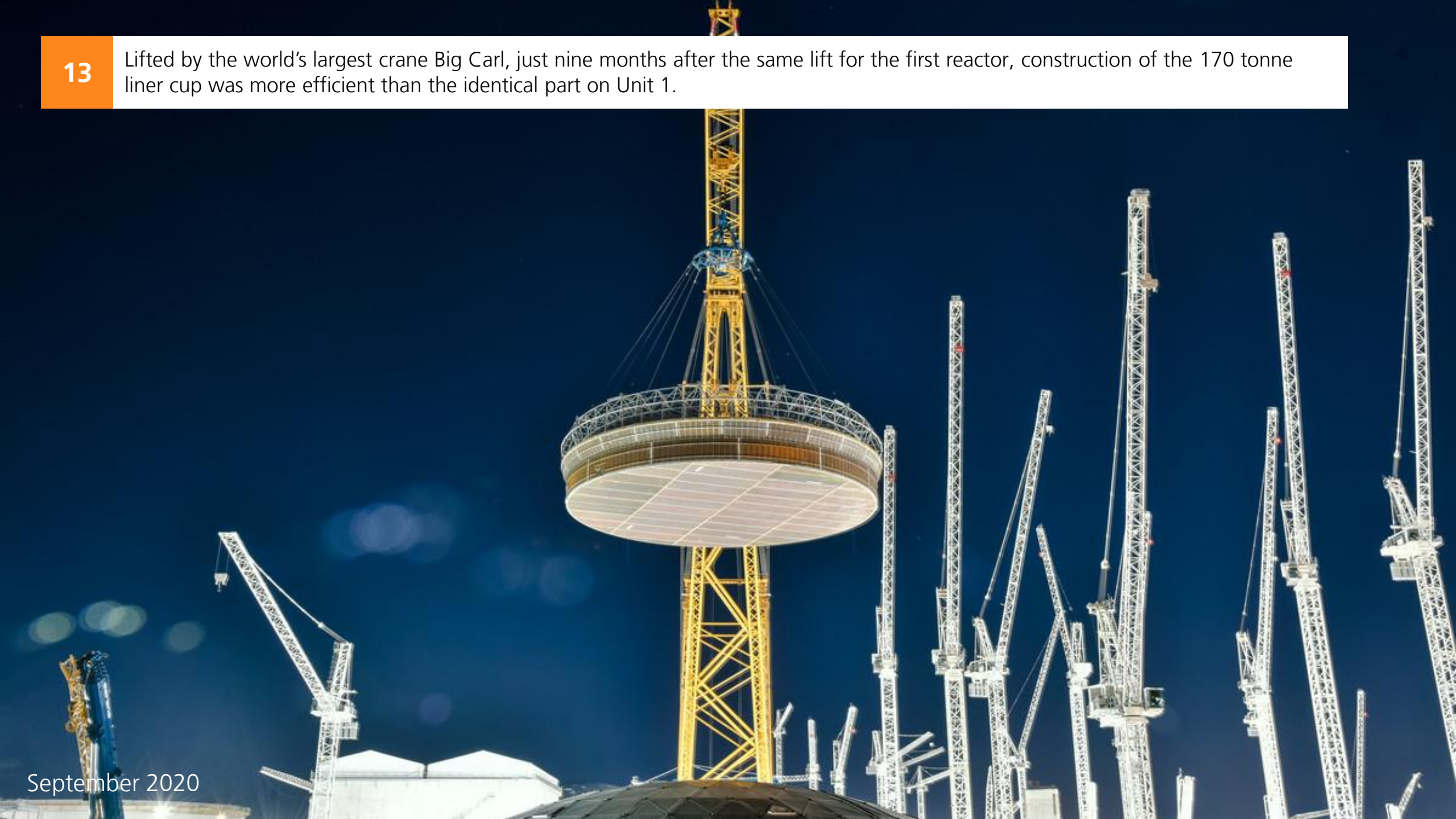
12 In September, Unit 2 passed a major milestone with the lifting of the first part of the massive steel containment liner cup.



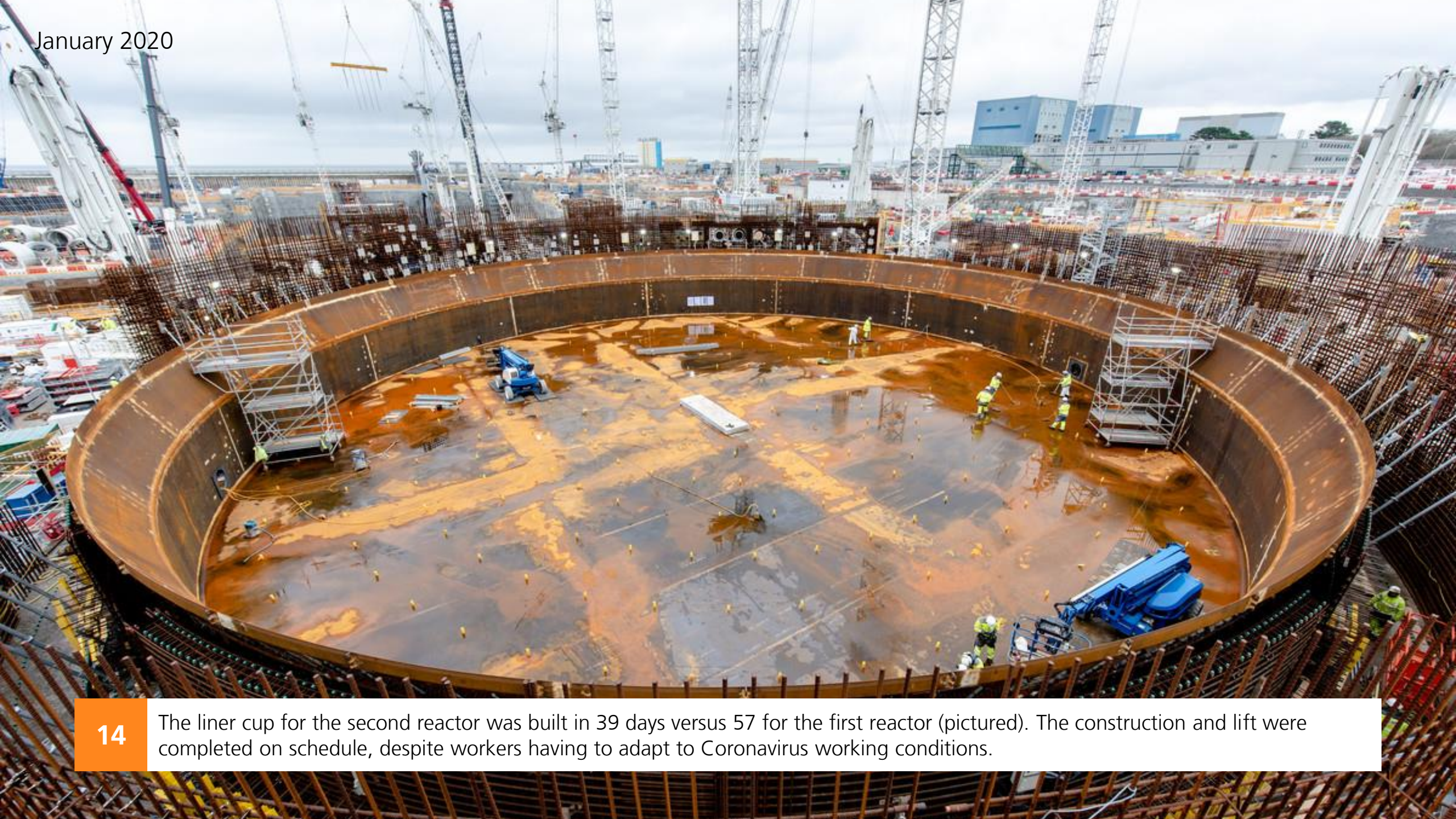
September 2020

13

Lifted by the world's largest crane Big Carl, just nine months after the same lift for the first reactor, construction of the 170 tonne liner cup was more efficient than the identical part on Unit 1.



September 2020



14

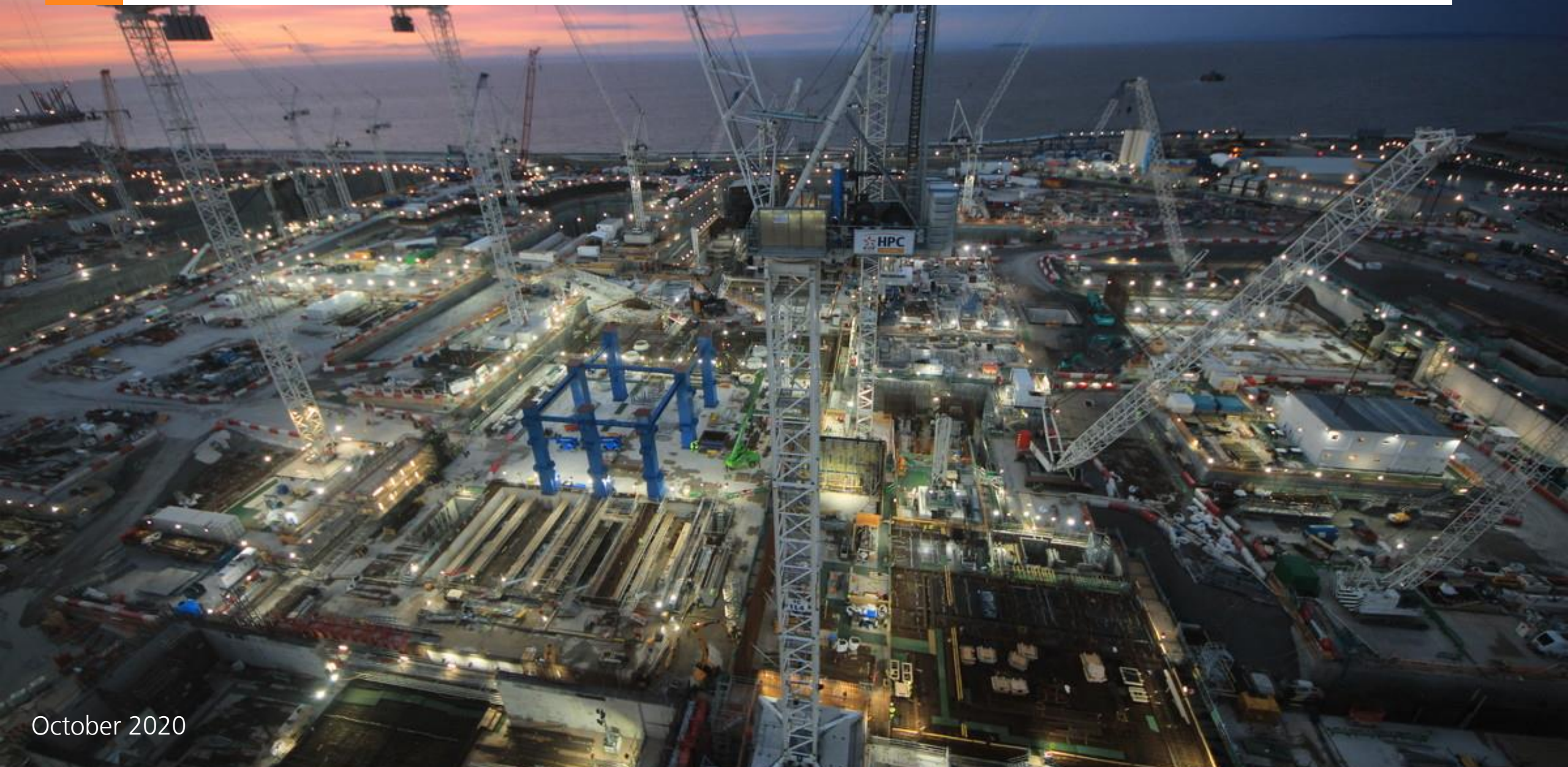
The liner cup for the second reactor was built in 39 days versus 57 for the first reactor (pictured). The construction and lift were completed on schedule, despite workers having to adapt to Coronavirus working conditions.



15

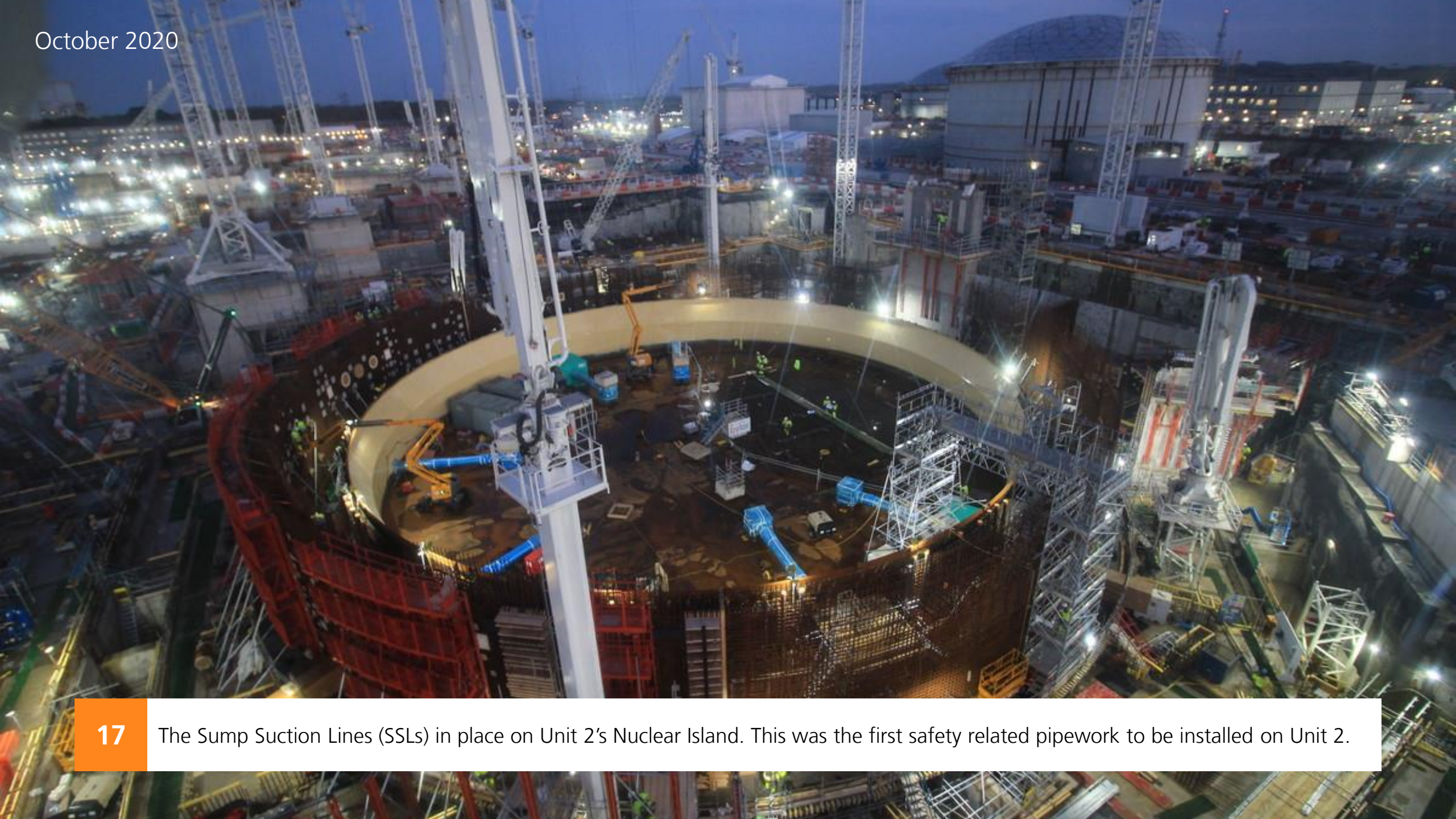
The TG columns in Unit 1 Conventional Island, standing at 16m high and will support the heavy turbine equipment and table it will sit on inside the Turbine Hall building.

16 View across Unit 1's Conventional Island where the TG columns can be seen coming out of the ground.



October 2020

October 2020



17 The Sump Suction Lines (SSLs) in place on Unit 2's Nuclear Island. This was the first safety related pipework to be installed on Unit 2.





19

In February we started the year with an Apprenticeship Conference (Richmond Atinga pictured). In December we marked the end of year by employing our 707th apprentice, on track to hit our 1,000 Apprenticeship target.

Apprentice Champion







