



UPDATING YOU ON BRADWELL B

We remain at the early stages of investigative works in readiness for consulting on a new nuclear power station at Bradwell-on-Sea, Maldon in Essex, called Bradwell B.

This newsletter aims to keep you up to date with our progress. Articles in this edition include:

- Introducing Alan Raymant, new CEO of Bradwell B
- Upcoming survey and investigative works
- About CGN and EDF Group
- Helping out in the community
- The Community Fund
- Nuclear Reactor Generic Design Assessment - progress
- New reactor in Taishan up and running

If you have any questions please contact the Bradwell B communications team using the details below.

Freephone information line: **01621 451 451**

Email: info@bradwellb.co.uk

Website: www.bradwellb.co.uk

BRIGHTLINGSEA BOY BECOMES BRADWELL B BOSS

The new CEO of Bradwell B is Alan Raymant.

Alan is a well-known and much-respected figure in the UK energy industry, having previously held senior roles at Horizon Nuclear Power, Powergen and E.ON. Joining the project is a return to his Essex roots: Alan was brought up in Brightlingsea and went to school in Colchester.



Bringing him on board is a big step forward for Bradwell B, and represents a huge vote of confidence in the project from investors CGN and EDF Energy.

Alan said: *“As someone with strong connections to this part of the country, I’m delighted to be joining the Bradwell B project. Bradwell B will bring significant benefits to the area, such as jobs, skills and investment. It will also be a major part of Britain’s energy future, powering the national, regional and local economy for many years to come.”*

INDICATIVE PROJECT TIMELINE

We are here



5-7 YEARS

The GDA process will progress in parallel with the above activities. See the back page for more information.

UPCOMING SURVEY AND INVESTIGATIVE WORKS

2019 will see a continuation of our investigative works in order to develop our proposals for Bradwell B.

In the coming months, we will be doing some geophysical, oceanographic and ecological investigations offshore involving a number of small boats, profiling the seabed and marine environment, and providing data on the tides and currents.

We will also be preparing on-site for further investigative works to take place in the spring and summer.

All of these surveys and investigations will help inform the impact assessment and design of the proposed power station.

Once we have sufficient information, we will consult with the local community on our initial proposals.

CGN AND EDF GROUP

The two investors in the Bradwell B project are CGN and EDF Group. CGN is a major generator of low carbon energy in China and around the world, and is the biggest builder of new nuclear power stations globally. EDF is one of the largest energy companies in the world, with huge experience of the nuclear sector: it owns and operates the existing nuclear fleet in the UK.

The two companies are also working together to build Hinkley Point C and Sizewell C. In the case of Bradwell B, CGN owns 66.5% of the project, and EDF the rest.



Boats used to profile seabed and marine environment



Borehole drilling rig on site

HELPING OUT IN THE COMMUNITY

A team of volunteers from Bradwell B gave up their time to assist in the restoration of one of Bradwell-on-Sea's historic landmarks, the Bradwell Bay War Memorial.

Scott Parsons Landscaping and Structural Soils, who work on the Bradwell B project, teamed up to restore the WW2 memorial at the entrance to the site.

The memorial sits on what was once the Bradwell Bay Airfield, a strategic military base used by the RAF during WW2.

The Bradwell B team, following agreement with the Parish Council, restored the memorial and the surrounding area.

Mike Guiry, Bradwell B site manager, said: "From our site we can see the visitors who come to pay their respects to airmen from the area who lost their lives in WW2. It has been rewarding to be part of a community project that is so loved in the area".



War Memorial

COMMUNITY FUND

We were very pleased at the end of last year to give a number of small grants to local organisations from our Bradwell B Community Fund.

These included Bradwell-on-Sea Parish Council being given funds to help with the refurbishment of their village hall, whilst just down the road we were pleased to support the highly popular Bradwell-on-Sea Community Shop.

A grant was also given to help the 2019 Maldon Festival of Arts, supporting performances and educational workshops across the Maldon area.

The Bradwell B project's Community Fund is intended to help local organisations and projects, and is administered by the Essex Community Foundation.

Visit: www.bradwellb.co.uk to find out more.



Bradwell village hall

NUCLEAR REACTOR GENERIC DESIGN ASSESSMENT - PROGRESS

In January 2017, we began a process called the Generic Design Assessment (GDA) for the UKHPR1000 nuclear reactor, the reactor technology that we are proposing to develop at Bradwell B.

The GDA is independently controlled by the UK nuclear regulators - the Office for Nuclear Regulation (ONR) and the Environment Agency (EA).

They ensure that the designs of new nuclear power stations proposed to be built in the UK meet high standards of safety, security, environmental protection and waste management.

The GDA process is not site specific and doesn't grant permission to build at Bradwell - that requires a Development Consent Order amongst other permissions, which will involve in-depth public consultation.

The GDA is a four-step process that will take a number of years to complete.

On 15 November 2018, the regulators confirmed the successful completion of its second stage, Step 2, and the commencement of Step 3.

Step 3 marks the start of the more detailed analysis of the reactor design and of our analysis that supports the safety and security features.

As part of the GDA process we continue to invite you to comment on the HPR1000 reactor design and the regulatory submissions that we make to the regulators.

A number of technical documents have been uploaded to the GDA website www.ukhpr1000.co.uk, which provides an opportunity for the public and interested parties to comment on the proposals.

All comments and responses received by 31 August 2019 will be considered and shared with the regulators, as part of their assessment of Step 3.

Comments received after this point, up until around 4 months before the end of the whole GDA process, will also be considered by us and the regulators.

Please visit the regulators' GDA website for more information:

www.onr.org.uk/new-reactors/public-involvement.htm

NEW REACTOR IN TAISHAN UP AND RUNNING

Success for joint venture between CGN and EDF.

In December, the new Taishan Unit 1 reactor, one of two under construction in Guangdong, China, successfully started commercial operations.

Like Bradwell B, the Taishan project is a joint venture involving CGN and EDF Group, although it uses a different technology, the EPR reactor (which is being deployed at Hinkley Point C in Somerset) rather than the UK HPR1000.

Zheng Dongshan, Chief Executive of CGN UK, said: *"Today is a historic day for CGN, for EDF and for the EPR technology, as Taishan Unit 1 takes the final step along its journey to commercial operation. The success of the project shows what CGN and EDF Energy can achieve by working collaboratively. The fact that we are able to bring expertise to this country from Taishan gives us even greater confidence in the Hinkley Point C project and the EPR reactors we are building together there."*



Taishan nuclear power plant in China

MORE INFORMATION

If you have any questions or require further information, please contact a member of the project team using the details below.

Freephone information line: **01621 451 451** Email: info@bradwellb.co.uk Website: www.bradwellb.co.uk