

Site Stakeholder Group

Sizewell B Report - December 2014



Station Director's Report - December 2014

1. Safety performance and staffing

Station Safety Performance and staffing numbers

During the period of the report there has been:

- No Lost Time Injuries
- No environmental incidents
- No nuclear reportable incidents

We currently have **528** EDF Energy staff, **37** Apprentices and **250** year round contracting partners.

2. Generation

Operational update - Refuelling Outage 13

On Friday 17 October Sizewell B power station was brought offline to begin its thirteenth refuelling and maintenance outage as planned, worth £60m. An extra 1,200 specialist workers will join the Sizewell workforce and provide a boost to the area's hotels and businesses. During the six week period they will carry out 13,000 separate pieces of work which have been carefully planned during the last two years.

Up to 13,000 tasks planned in addition to refuelling the reactor with an extra 1,200 contracting partners on site during that period.

- Turbine 1 shut down on 12 October, work being carried out on this turbine:-
 - Generator Transformer Phase Exchange x 3
 - Generator Protection Scheme Replacement
 - Gas Insulated Switchgear refurbishment
 - Turbine Low Pressure Rotor replacement x 3
- Turbine 2 shut down on 17 October, work being carried out on this turbine:-
 - Investigation and repair of Governor Valve
 - Replacement of Fire Resistant Fluid
- Other major items of work taking place:
 - Stripping and maintaining Reactor Coolant Pump 'D' motor lower oil bearing
 - Electrical Separation Group 1 Maintenance
 - In Service Inspection (weld checks of primary circuit)
 - Equipment Qualification replacements
 - Japanese Earthquake Response (JER) Improvements
 - Mechanical work in containment
 - Passive Hydrogen Re-combiners in containment
- The station is on plan to return Turbine 2 to service after 26 November 2014 followed by Turbine 1 after the 7 December 2014

We will provide a report at the next meeting.

Please click on the link below that provides a daily update of the status of our eight nuclear power stations. The link will show which nuclear reactors are in service and what they were generating at the time the information was updated. You

can also see which reactors are out of service, what the reasons are and when we expect them to return to service. In addition, we have included the expected timing of the next statutory outage of each nuclear reactor.

<http://www.edfenergy.com/about-us/energy-generation/nuclear-plant-status.shtml>

3. Company Update

Search on for new graduates

EDF Energy is looking for around 60 engineering and commercial graduates to join the company.

The scheme offers graduates a chance to work at many of the company's nuclear sites and also its engineering excellence centre at Barnwood before taking a permanent position within EDF Energy.

Graduates are given a mentor to support them through the first 12-months of the scheme and then to help them into a career within the company

Applications for the 2015 scheme is open now, full details and 'application forms' are on the EDF Energy website - <http://www.edfenergy.com/careers>

New Blue+Price Promise energy tariff launched

EDF Energy has announced the launch of Blue+Price Promise March 2016, a new cheaper energy tariff that provides fixed prices for 18 months.

Customers will be alerted if they could save more than £1 a week at typical use with any other tariff², either from EDF Energy or its competitors, giving peace of mind for people concerned about changing energy prices.

As with all EDF Energy tariffs, customers are also free to leave with no exit fees at any time.

Blue+Price Promise March 2016 replaces the company's existing fixed-price tariff, Blue+Price Promise February 2016, and will be at the lower price of £1,039 a year via Direct Debit for a typical dual fuel customer – based on a national average of regional prices.

4. Sizewell B news

Emergency Response Centre

Members of the SSG and local residents were invited to take part in a tour of the Emergency Response Centre in Leiston on Wednesday 24 September. Around 30 people attended the event where they were given a guided tour of the facility and the opportunity to ask any questions.

Dry Fuel Store Update

Work started on the Sizewell B Dry Fuel Store (DFS) in January 2013 which entails movements of fuel to the DFS as part of the commissioning leading up to and following the next refuelling outage in 2016. Until that date fuel will continue to be safely stored on site in the fuel pond.

We have commenced the concrete pour of the DFS base slab which is a significant step towards the building construction.

Enabling works to separate the electrical systems between the A and B sites has completed which allows the clearing of a legacy national grid transformer and the preparation of the remainder of the DFS building area. Work is continuing on the manufacture of the DFS equipment and storage casks.

The dry fuel store is an important major development for Sizewell B power station, ensuring the station has the ability to continue to store spent fuel, safely and securely, on site for the lifetime of the power station or until a deep geological disposal facility is available.

5. Community News

2015 Apprentice Recruitment

The recruitment process for 2015's intake of apprentices has started, with the company looking for around 55 new recruits from across its power stations.

Each site takes on around six apprentices who then spend four years on the training scheme, the first two years at HMS Sultan, near Portsmouth.

Sizewell B will be holding an Apprentice Information Day to tell prospective recruits more about the scheme. From studying on the south coast for the first two years to what qualifications are needed and how to apply, the information day will prove invaluable to anyone considering a career in engineering.

Presentations will be given at 10.30 and 13.30 hrs by senior managers from Sizewell B. Apprentices, who are currently on the scheme, will also be on hand to have one-to-one chats with potential recruits about their experiences and the benefits of an EDF Energy apprenticeship.

Date: Saturday 6 December

Time: 10.30 and 13.30 hrs

Venue: Sizewell Visitor Centre, Sizewell B power station, Leiston, Suffolk, IP16 4UR

If you would like to come along or find out more, please contact the Sizewell Visitors Centre on 01728 653974 or email Sizewellbtours@edf-energy.com. You need to register your attendance in advance for the specific time.

Full details and application forms: <http://www.edfenergy.com/careers/early-careers/apprenticeships>

Northgate High School motoring towards success with Sizewell B

A Sizewell B apprentice is helping students from Northgate School in their quest to race at Goodwood.

Lewis Bedwell (24), a fourth year apprentice at Sizewell B, is using his training in mechanical engineering to mentor the group of 11-16 year old pupils from Ipswich in an electric car challenge.

The fifteen students, who all have an interest in Science Technology Engineering and Maths (STEM) subjects, have enrolled on the Greenpower Education Trust's Formula 24 racing competition which requires students, guided by their teachers and an industry mentor, to design, build and then race an electric car.

With Lewis's help the students hope to finish the car by July in time to test it against other local schools at the test track at Ford Dunton in Essex. The winning schools for the regional heats will go on to race in the national competition at Goodwood in October 2015.

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