

Site Stakeholder Group

Sizewell B Report - June 2015



Station Director's Report - June 2015

1. Safety performance and staffing

Station Safety Performance and staffing numbers

During the period of the report there has been:

- No environmental incidents
- No nuclear reportable incidents
- Two injuries to staff

Personal Injury in Chemistry Laboratory

A Chemistry Technician was disassembling filtration glassware when the glass shattered in the Technician's hand. The Technician sustained cuts to their left index finger and thumb. Following on-site first aid treatment, the Technician was referred to hospital for further assessment and treatment. The Technician returned to work a few days later.

Prior to the event the Technician had noticed some minor damage to the glassware. It was during the process of exchanging the damaged section that the glassware failed as a consequence of the defect. Nitrile gloves were worn at the time of the event. All similar glassware has been subject to additional inspection.

Ankle Injury whilst locking door on site

A Security Guard was undertaking a routine door surveillance on site lost his footing on the edge of a low set of access steps, resulting in a fracture to his ankle. The Security Guard fell from the top step (approx 40cm) onto the ground.

After initial treatment by on site First Aid staff, he was taken to hospital where it was confirmed that he had suffered a fracture to his ankle. The Security Guard has now returned to work.

Upon investigation it was found that lighting in the area was good, there were no defects with the steps and all surfaces were dry, clean and in good condition, the door and lock can be operated freely and access and egress to the doorway was safe.

A brief has taken place with all work groups, highlighting the importance of situational awareness.

Staffing at Sizewell B

We currently have **521** EDF Energy staff, **36** Apprentices and **250** year round contracting partners.

2. Generation

Operational output

The station has operated at around full power during this period.

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/energy/power-station/daily-statuses>

3. Company Update

EDF Energy awarded UK's largest annual electricity supply contract

EDF Energy has been awarded the UK's largest annual electricity supply contract by the Crown Commercial Service following a competitive tender process.

The renewal of the multi-billion pound four-year agreement will see EDF Energy continue to supply electricity to thousands of public buildings and sites across central and local government, including schools, the NHS, the Highways Agency and major cultural assets such as the National Gallery.

The contract covers around 8,000 sites, equivalent to 9.6 terawatt hours of electricity a year or enough to power 2.3 million UK homes. It was awarded by the Crown Commercial Service, a Government agency which provides commercial and procurement services for Government departments and the UK public sector.

As part of the deal, public sector customers will be offered expert advice on energy efficiency to help them reduce their energy consumption.

EDF Energy joins government's 'Disability Confident' campaign

EDF Energy has signed a pledge to become a partner of the Government's 'Disability Confident' campaign.

The company joins a number of employers, including FTSE 100 companies and small businesses, who have signed the pledge as a commitment to continue to support employees with disabilities and ensure that they have the opportunities to develop in the workplace.

To mark this occasion, the Minister of State for Disabled People, Mark Harper MP, joined CEO Vincent de Rivaz at the EDF Energy head office in central London for the signing. British Paralympian and gold medalist Deborah Criddle also attended the event.

4. Sizewell B news

Sizewell B receives prestigious award for Health and Safety

EDF Energy's Sizewell B power station is to receive The Order of Distinction (17 consecutive Gold awards) in the RoSPA Occupational Health and Safety Awards 2015.

As the UK's family safety charity, RoSPA's mission to save lives and reduce injuries covers all ages and stages of life. In support of this mission, the RoSPA Awards, which date back 59 years, recognise commitment to continuous improvement in accident and ill health prevention at work. Through the scheme, which is open to businesses and organisations of all types and sizes from across the UK and overseas, judges consider entrants' overarching occupational health and safety management systems, including practices such as leadership and workforce involvement.

The majority of RoSPA's awards are non-competitive, grading achievement at merit, bronze, silver and gold levels. Organisations that maintain high standards in consecutive years can win gold medals, president's awards and orders of distinction.

Competitive awards are presented in more than 20 industry sectors, and they also recognise excellence in specialist areas, such as the management of occupational road risk (MORR).

This year, RoSPA Occupational Health and Safety Awards ceremonies are being held in three locations: at ExCeL London on June 16 alongside the Safety and Health Expo 2015; in Birmingham on July 14 and 15 and in Glasgow on September 17, the day after the RoSPA Scotland Occupational Health and Safety Congress.

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.

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.

The Dry Fuel Store base slab is currently under construction and is approximately 90% complete. When complete it will contain 3000 tonnes of reinforcing bar and 6000 cubic metres of concrete.

During April we saw the first deliveries of the structural steelwork for the building itself, which will be erected over the summer months.

In addition to the Dry Store Building construction, the manufacture and factory testing of the dry store process equipment (storage casks and associated equipment) is well under way and the majority of equipment will be on site in the coming month. The hauling transporter is already on site and has been undergoing commissioning tests.

5. Community News

Sizewell B celebrates British Science Week with Suffolk schools

Sizewell B supported British Science Week (BSW) with dozens of visits from Suffolk school students in March.

Year 4 pupils from Grundisburgh Primary School enjoyed a day out at the power station visitor centre learning about electricity generation.

The class of 8-9 year olds built electrical circuit's, looked at magnetic forces and the power behind friction as part of the jam-packed energy focused day.

A group of A-Level students were brought for a behind the scenes look at how Sizewell B generates power for 3% of the UK's homes. The visit was organised with The William and Ellen Vinten Trust which works with five schools in the Bury St Edmunds area to promote engineering.

16-year old Edward Aylott and classmate Kieran D'Lima (17) from Culford School took part in the tour of the power station. Edward is studying maths, physics, history and art and said that the visit will really help him decide his next steps in further education. "I am not sure which path I want to take after I finish my A-Levels so the visit to Sizewell B really helps me make up my mind about what I want to do next." Kieran is studying chemistry, maths, physics and design technology and described the visit as "Brilliant."

Over 130 pupils from Saxmundham Free School have been learning about electricity at the power station.

The visits have been organised by STEM (Science Technology Engineering and Maths) Ambassadors from the station who work with the local school. The visit complements their classroom curriculum studies on electricity generation.

The Year 7 and 8 pupils were shown around the visitor centre exhibition and were then taken on a tour of the plant to learn about where their electricity comes from.

The visitor centre guides are also taking their energy tour on the road. The team dropped in at Aldeburgh primary school science fayre where they took part in experiments created by the year 5 and 6 pupils and they attended County Upper School's weekend science fayre.

Meet the new Sizewell B apprentices

Sizewell B power station's newest intake of apprentices enjoyed an open evening with their families to find out more about the four-year scheme they will start in September.

The future apprentices and their parents heard about the world-class facilities and engineering training at Royal Navy Base HMS Sultan near Portsmouth, where they will be based for the first two years before returning to Sizewell B to complete their training on site.

This year four apprentices have been recruited for Sizewell B; Tom Carton (19), Glen Bunting (15), Gary Jackman (19) and Eliot Bird (17).

As well as getting paid throughout the training, at HMS Sultan the accommodation, food and a number of trips home are paid for by EDF Energy. The company is investing in training up young people to ensure there are enough highly skilled engineers for the future needs of the business.

Alongside the rigorous engineering training and qualifications, the apprentices will enjoy world-class sports and leisure facilities. The programme also includes trips abroad to European nuclear power stations and a huge variety of activities available to them, including skydiving or learning foreign languages.

The apprentices and their families will go down to visit HMS Sultan over the summer. Once there, they will get a tour of the base and will see where they will be living and training and get the opportunity to meet up with over 50 other EDF Energy apprentices from sites around the UK.

At Sizewell B there were 109 applications for the four places.

The apprentices will spend four years in training to attain an Advanced Modern Apprenticeship Certificate in Engineering, a BTEC Level 3 (ONC equivalent) and also an NVQ Level 3.

Contacts:

Marjorie Barnes, South East Press Officer
Tel: 07515295488, 01728 653378
Email: Marjorie.barnes@edf-energy.com

Niki Rousseau, Community Liaison Officer
Tel: 01728 653258
E-mail: niki.rousseau@edf-energy.com