

# Sizewell B power station

## Monthly Newsletter Issue 568

June 2014

### Introduction

We are keen to hear the views of our local communities. We recognise that good communication is a two-way process and we welcome your feedback and comments. These reports are available to all members of the public on [www.edfenergy.com](http://www.edfenergy.com).

Whilst we will do our best to always use plain English, talking about our business sometimes involves specific terminology, and you will find a glossary of any terms used at the end of each monthly report.

### Safety

During the period of the report there have been:

- No Lost Time Injuries (LTI)
- No environmental incidents
- No nuclear reportable incidents

### Station 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>

### Company news

#### Charity partnership reaches £350,000

EDF Energy has marked the first year of its charity partnership with Marie Curie Cancer Care by holding a Parliamentary reception.

In 12 months the energy company and its employees have raised more than £349,000 for Marie Curie, which exceeds its target figure by nearly £150,000. The reception was hosted by Michael McCann MP and attended by dozens of Parliamentarians, Marie Curie employees and members of staff from EDF Energy.



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Marie Curie was selected as EDF Energy's three-year charity partner in May 2013 by an employee vote. The money raised enables Marie Curie to fund 18 nurses to care for terminally ill people for one year.



Two Sizewell B employees have raised a staggering £6,200 for the charity on their quest to climb Mount Kilimanjaro. Hazel Culshaw and Lana Challis from the Work Management team at Sizewell B power station pledged to climb Mount Kilimanjaro if they could reach their fundraising target of £4,500.

To celebrate surpassing the major milestone the powerful fundraising duo were invited to a special parliamentary reception held by EDF Energy to mark the first year of its charity partnership with Marie Curie Cancer Care.

Lana and Hazel will set off for the Kilimanjaro Trek on 13 February 2015. It is a ten day trip, including six days trekking, taking in some of Tanzania's most spectacular sights before reaching the mountain's peak at 5895metres.

### Science award for Cheltenham Festival links

EDF Energy and The Times Cheltenham Science Festival have won a prestigious award for 'Collaborative Action' by charity Business in the Community (BITC), as part of the 2014 Responsible Business Awards.

The energy firm, and The Times Cheltenham Science Festival were praised for their 10-year long partnership focused on inspiring young people in science and engineering. Their collaborative education programme, which is delivered both at the Festival and in schools across the region engages with around 15,000 children each year.

Rex Mackrill, director of The Times Cheltenham Science Festival, said: "We are proud to work with EDF Energy as the Associate Title Partner for the Times Cheltenham Science Festival.

"One of the reasons why our partnership with EDF Energy is so successful is that we have the mutual ambition to inspire and enable people to engage with science."

### Office for Nuclear Regulation approves Dungeness B's graphite limit

The Office for Nuclear Regulation has approved the limit of graphite weight loss at Dungeness B to 8%.

This is a small increase from the previous limit of 6.2% and refers to the amount of weight the graphite core is allowed to lose. Dungeness B has used the information from a continuing programme of monitoring, inspection and physical sampling of the graphite core to assess the state of the core.

This knowledge feeds in to modelling and analysis which give us the knowledge to allow us to safely increase the limit of weight loss within the core from 6.2% to 8%. As time goes on we will continue to collect data, build this into our models and calculations and ensure our safety margins are robust and appropriate

## Sizewell B and the Community

### STEM Students need to consider the nuclear sector to keep jobs in Britain, says NIA

Engineering students visited Sizewell B power station to help launch a national STEM (Science, Technology, Engineering and Mathematics) campaign.

The campaign, launched by the Nuclear Industry Association, highlights the breadth of quality careers in the nuclear sector to encourage a new generation of skilled young people.



A group of engineering students from Colchester Institute were delighted to help the NIA mark the launch whilst they toured the power station. The students spent time talking with Sizewell B Maintenance Manager Jon Yates, EDF Energy graduate Katie Bannister and Roger Barge, apprentice coordinator at the station.

Research by the NIA found that more than a third (35%) of students studying a STEM (science, technology, engineering and maths) subject don't believe they can work in the nuclear industry. The survey of 1,376 young people shows that while 32% of respondents would be open to working in the nuclear sector, almost half (43%) don't believe they are studying a relevant subject and 14% have never heard about career options in the industry, highlighting the importance of careers advice in schools from a young age, to make young people aware of the opportunities in all sectors.

To inform young people about the range of opportunities in the sector and to meet the increase in demand for STEM skills, the NIA has launched re:generation. Not all roles in the sector require a degree and young people will be able to learn on the job through an apprenticeship as an alternative.

### Next local community meeting

The next Sizewell Stakeholder Group meeting will take place on Thursday 11 September 2014 at 10:00 hrs at Yoxford village Hall. Any member of the public is welcome to attend.

### Contacts

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If you would like to receive this newsletter via e-mail please contact Niki at the above address.

## Glossary

Term	Definition
Nuclear reportable event or incident	Nuclear reportable events are events reported to the Office for Nuclear Regulation in compliance with EDF Energy's nuclear site licences.
Lost time injury	Lost Time Injury is an absence of one day or more resulting from an injury incurred during an accident - generally in UK industry a less stringent three day or more criteria is used.
Environmental event or incident	Environmental events arise from wastes or discharges above permitted levels or breaches of permitted conditions.
Outage	A period during which a reactor is shut down. The periodic shutdown of a reactor including for maintenance, inspection and testing or, in some cases for refuelling is known as a planned outage. In the UK, some planned outages are known as statutory outages and are required by the conditions attached to the nuclear site licence needed to operate the station. Unscheduled shutdown of a reactor for a period is known as an unplanned outage.
Unit	A unit refers to one of the reactors at the power station and its generating turbine