

Sizewell B power station

Monthly Newsletter Issue 593

July 2016

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.

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 injuries to employees
- No nuclear reportable incidents
- No environmental 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

Hinkley Point C: EDF's Board of Directors approves the final investment decision

At its meeting on 28 July 2016, EDF's Board of Directors made the final investment decision and gave the President the authorisation to ensure its full execution in the framework of the signature process of all the contracts and agreements necessary to build the two nuclear reactors at Hinkley Point C (HPC) in Somerset, in south-west England.

Following this decision, the conditions have been met to allow EDF to sign the contracts with the British Government, EDF's historic partner China General Nuclear Power Generation (CGN), and the main suppliers of the project.

This is a hugely important milestone for the project, as it is for EDF Group and EDF Energy. It means that the company is now ready, but there are still some steps before these signings can take place.



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In a letter to staff Vincent de Rivaz, Chief Executive Officer, said: "Nuclear energy has a crucial role to play in security of energy supply and tackling climate change. There is no solution for the UK without new nuclear in the mix. And HPC is the necessary first step in the roll out of new nuclear."

Energy efficiency project helps tenants save money on energy bills

An award winning joint project between EDF Energy, Westdale Services Ltd and Rykneld Homes has helped 330 social housing tenants in North East Derbyshire save money on their energy bills and cut carbon emissions, thanks to the installation of a range of energy efficiency measures.

The project, which ran from June 2015 to January 2016, has seen the installation of insulation and double glazing into 330 hard-to-heat concrete built 'REEMA' properties in the North East Derbyshire area. (REEMA is a non-traditional type of housing construction used in the 1950s and 1960s.)

Westdale Services Ltd was appointed by Rykneld Homes Ltd to manage and deliver the energy efficiency improvements and the project was part funded by EDF Energy under the Energy Company Obligation.

EDF Energy helps flood affected homes in Cumbria

EDF Energy has announced the completion of a £100,000 scheme that has helped to fund energy efficiency measures in 36 flood affected homes in Kendall and Carlisle.

In the first and largest scheme of its kind in Cumbria, flood-damaged cavity wall insulation has been replaced in the properties by new water-resistant bonded polystyrene bead insulation which will improve the energy efficiency of the properties.

It is estimated that this will help residents to make significant savings on their fuel bills, up to £160 per year, the equivalent of 30 tonnes of carbon emissions per household.

EDF Energy partnered with Green Deal First and its installation company Thrift Energy to complete the £100,000 project, which is part of the Government's Energy Company Obligation (ECO) – an initiative designed to help people in low-income areas save energy, thereby saving carbon and money on their energy bills.

Sizewell B and the Community

International review highlights good safety practice at Sizewell B

The International Atomic Energy Agency (IAEA) review of Sizewell B has been published following a visit by industry experts to the station last year.

The IAEA has carried out reviews at 188 nuclear stations since the programme started in 1982. These reviews are carried out by an Operational Safety Review Team (OSART) which is appointed by the IAEA and comprises nuclear industry experts from across the world.

The three week long visits enable a thorough review of operational safety at nuclear power stations and promotes the continuous development of the industry by ensuring IAEA safety standards are met and good practices shared across the world. The reviews culminate in a detailed report being produced which highlights areas of good practice and recommendations for improvement.

The review carried out by 15 industry experts in October 2015 at Sizewell B highlighted a number of good areas of performance at the station including; the Nuclear Leadership Programme highlighting the inclusion of workshops to train current and emerging leaders on important nuclear leadership principles, and; the station's Periodic Safety Review (PSR2) process which they considered to be comprehensive, rigorous and based on benchmarking with a wide range of modern safety standards. The well developed and documented process to ensure that emergency exercises comprehensively cover the situations that could arise during emergencies was also recognised.

You can view the OSART report on the link below:

<https://www.gov.uk/government/publications/report-of-the-operational-safety-review-team-osart-mission-to-sizewell-b-nuclear-power-station-5-22-october-2015>

Next local community meeting

The next Sizewell Stakeholder Group meeting will take place on Thursday 08 September 2016, at 10:00 hrs at the Sizewell Sports and Social Club. Any member of the public is welcome to attend.

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

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