

Hartlepool monthly report

November 2016

Introduction

Welcome to the November 2016 monthly report for Hartlepool power station.

These reports are available to all members of the public on <http://www.edfenergy.com>. 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.

Safety

Operational safety

The site recorded one minor incident in November when a member of staff was sent to hospital for a precautionary check after a small amount of powdered ferrous sulphate blew into his eyes. No treatment was needed.

Environmental safety

There were no environmental incidents in November.

Minor injuries

The site recorded two minor injuries during November. Both were non-work related and were dealt with by EDF Energy first aiders onsite. The first was a small cut to a finger knuckle and the second was two grazed knees.

The site takes safety very seriously and incidents are investigated fully to ensure they are avoided in the future.

Plant status

Hartlepool has two advanced gas cooled reactors with a net generation capacity of 1180 MWths.

Reactor 1: The unit started its refuelling outage on 26 November.

Reactor 2: The unit was at nominal full load

Hartlepool visitor centre

The centre welcomed 465 visitors, with 395 visitors taking pre-arranged tours.

Hartlepool welcomes tours Monday-Friday, at either 0930 or 1300 hours. In addition tours are available some Saturday mornings. Bookings for tours and educational events in 2017 are being taken.

Please contact Louise Corser on 01429 853582 or email hartlepoolsitetours@edf-energy.com for availability and further information.

Breast Cancer Now Launch at Hartlepool

Staff at Hartlepool have launched their charity partnership with Breast Cancer Now.

EDF Energy and Breast Cancer Now, the UK's largest breast cancer charity, are working together for the next three years. EDF Energy's employee fundraising target is £100,000 each year and EDF Energy will match-fund up to £50,000 each year of the partnership making a total target of £450,000.

Breast Cancer Now believes that if we all act now, by 2050, everyone who develops breast cancer will live.



Staff dress up for Breast Cancer Now!

The team at the station wore pink items to celebrate the day and also held a raffle and cake stall, making £781.

Tony Lightowler, a Fuel Route Engineer at Hartlepool power station, raised £430 for the charity at the Whitby Goth Weekend in November.

Money came from people wanted to be photographed with Tony's car and his friends, as well as a raffle for a ride around Whitby in the distinctive car.



Lablive at Hartlepool

Science came to life at Hartlepool on 23 November 2016 with LabLive!

Over 700 pupils from Hartlepool and its surrounding areas enjoyed the free science and maths event, thanks to EDF Energy at Hartlepool power station and Cheltenham Science Festival.

Two brilliant science presenters sparked pupils' excitement about science, technology, engineering and maths (STEM).

As well as seeing science at its most spectacular, the pupils also learned more about the benefits of studying these subjects at GCSE.



Tomorrow's Engineers Week Events

On 8 and 15 November the station held events to celebrate Tomorrow's Engineers Week, specifically targeted at teenage girls. It was supported by EDF Energy, Tees Valley Unlimited and Engineering UK.



The engineers of tomorrow

Around 60 pupils from Carmel College and Longfields School, Darlington, Dyke House College and High Tunstall College, Hartlepool, and All Saints School, Stockton, got to meet some of the station's female engineers who talked about their careers on site and also their educational experiences.

Heather Barton, Hartlepool power station's Continuous Improvement manager, chaired the event. She said that it was vital to show young females that there are opportunities at the station as well as with EDF Energy's other sites and with engineering companies across the UK.

Station Director Simon Parsons also took part in the event and said: "EDF Energy carried out some research recently that showed that around a third of teenage girls didn't think they were smart enough to become a scientist and that's despite science being one of the subjects they enjoyed most.

"A career in engineering is for anyone who is interested in how things work and who enjoys working creatively in a team to overcome a challenge."

The apprentice recruitment programme for 2017 is now open through the EDF Energy website.

Next Local Community Meeting

The date of the next Local Community Liaison Council meeting is June 2017 (exact date yet to be confirmed) at Hartlepool power station visitor centre. Members of the public are very welcome to join the meeting; if you would like to attend, please email Debbie Simpson on debbie.simpson@edf-energy.com.

Company News

Stage Two consultation for Sizewell C

EDF Energy started the second stage of formal public consultation for the proposed Sizewell C nuclear power station in Suffolk on 23 November. It includes a number of exhibitions across east Suffolk and will continue until 3 February 2017.

The first stage of public consultation was in 2012/2013 when EDF Energy engaged with over 4,000 local people.

Hinkley Point C welcomes Everest adventurer

World renowned explorer and Everest adventurer Kenton Cool has helped to inspire EDF Energy and the many businesses working together on the company's new nuclear power station project, Hinkley Point C.

He spoke of his own achievements and ambitions when he joined more than 320 representatives from the project who will be working alongside EDF Energy as one team to deliver the new power station in Somerset.

It was the first time representatives from all supply chain partners had been brought together under one roof.

Hinkley Point C's commercial director Ken Owen said: "The aim is to inspire collaboration among our partners on a scale and complexity that has not been seen before in the UK or any industrial project in the world to date."

Science performers thrill pupils

Four science performers, linked to Cheltenham Science Festivals, have been working with EDF Energy's generation sites to give pupils an insight into science and engineering.

The LabLive events saw around 4000 pupils learn about physics, biology, chemistry in a series of fun shows designed to inspire the students to study science, technology, engineering and maths (STEM) and engage inquisitive young minds.

Gary Toyne, of West Burton B CCGT who is also a STEM Ambassador, said: "It was great to see children from our local schools enjoying this spectacular science show.

"They participated with enthusiasm and a clear passion for learning in this live environment. We are determined to steer more children towards choosing science, technology, engineering and maths subjects and by bringing it to life at LabLive we hope they will make those choices."

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Glossary of terms:

| Term | Definition |
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| Nuclear reportable event or incident | Nuclear reportable events are events reported to the Office for Nuclear Regulation (ONR) in compliance with EDF Energy’s nuclear site licences. |
| 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. |
| Boiler Spine | Just as your spine centrally supports the main parts of your body, the boiler spine centrally supports the mass of the boiler (around 140 tonnes), including all the boiler tubes (feed inlet, main boiler, reheater, superheater, water and pressurised steam). |
| Unit | A unit refers to one of the reactors at the power station and its generating turbine. |