

Hartlepool monthly report

February 2015

Introduction

We would like to welcome you to the February 2015 monthly report for Hartlepool power station. These reports are available to all members of the public on <http://www.edfenergy.com> and on the Hartlepool Borough Council website, together with copies of the minutes from our Local Community Liaison Council meetings. 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

On Saturday 28 February at 10pm, the air extraction plant associated with Turbine 2 shutdown which then shutdown Reactor 2. The unit returned to service a few days later.

Environmental safety

There were no environmental incidents in February.

Minor injuries

The site had one minor injury to a contract partner during February. This was a minor cut to the hand and was dealt with by a first aider onsite.

Plant status

Hartlepool has two advanced gas cooled reactors with a net generation capacity of 1,180 MWhs.

Both units are in service at a reduced capacity so as to limit boiler temperatures until modifications have taken place. Reactor 2 will be offline for refuelling for 11 days from 21 March.

Visitor centre

The visitor centre welcomed 549 visitors in February, with 284 of them taking a plant tour.

We currently have a total of 420 future tour bookings.

Tours can be arranged for either 09:30 or 13:00 on a Tuesday, Wednesday or Thursday. In addition, tours are available on Friday and Saturday mornings upon request.

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

EDF Energy's Engineering Maintenance Apprenticeship

During February, the visitor centre hosted Apprentice Aptitude Testing as part of the EDF Energy's Engineering Maintenance Apprenticeship recruitment process.

The National Skills Academy - Nuclear

Hartlepool power station hosted The National Skills Academy for Nuclear event in conjunction with Hartlepool College of Further Education on the 10, 11 and 12 February. The full-day events included a station tour, team building activities and a visit to the stations training rig area and simulator.

The event was attended by 120 local secondary school students.

School visit - Denbigh Community Primary School

Jude Anderson and Nicola Fields from Hartlepool's visitor centre were invited to Denbigh Community Primary school on 23 February, to give 8-11 year-olds an assembly on promoting energy saving.

The visit enhanced previous learning the children had undertaken, as part of their involvement with 'The Pod.' For more details of 'The Pod', please visit <http://www.jointhepod.org/>

School visits can be arranged by contacting Louise Corser, Visitor Centre Coordinator on 01429 853582.

Nuclear Generation Challenge Performance and Innovation Award

The mentoring team at Hartlepool won a Nuclear Generation Challenge Performance and Innovation Award for the success of its mentorship programme. The mentoring team work with Hartlepool 6th Form College and English Martyrs 6th Form College to offer college students the chance of one to one mentoring with an EDF employee, as well as providing them with many opportunities including summer placements and university sponsorship.



Louise Corser, Janet Hogben and Rebecca Levi at the awards

As the programme, which has been running since 2012, has been a huge success, it is hoped that with the support of our Future Capability & Early Careers team it will be rolled out to other stations across the fleet.

On 20 February, Hartlepool welcomed our 2nd year's cohort of students from the mentoring programme to the station for their second Development Centre.

During the one-day event, the student's abilities and behaviours were observed undertaking various

activities by trained power station personnel. This was carried out in a relaxed, informal environment and gave the students invaluable experience of what they might expect when they apply for graduate roles in the future.



Company news

Diving into a new challenge

Engineering challenges from the 1940s faced EDF Energy's newest apprentices, who took over the maintenance of HMS Alliance, a Second World War submarine.

HMS Alliance is based at the Submarine Museum, Gosport, and every year EDF Energy's apprentices spend time on the boat looking at how best to keep it maintained.

The EDF Energy apprentices spend two years at the Babcock Engineering Academy, within HMS Sultan, a Royal Navy military base also in Gosport, before returning to the home stations to complete their apprenticeship.

Ian Williams, EDF Energy's apprentice manager based at HMS Sultan, said: "We have strong links with HMS Alliance stretching back many years.

"The apprentices spend time on the submarine and get a chance to use their newly-acquired skills, tracing systems and researching how they worked on this historic vessel, which includes interviewing ex sub-mariners."

Birthday celebrations at Sizewell B

Sizewell B has marked 20 years of low carbon electricity generation.

The station was 'married to the grid' on February 14 1995 and has saved some 117 million tonnes of CO2 which is equivalent to taking all of the passenger cars off UK roads for 1.8 years.

3,000 UK companies were involved in the construction of Sizewell B.

Jim Crawford, Sizewell B Station Director, said: "Sizewell B safely and reliably delivers power to over two million homes and businesses every day.

"One of the highlights of my job is meeting the next generation of engineers and technicians and helping them to reach their full potential to deliver something as fundamental to day to day life as electricity."

10,000 not out at Dungeness B

Two years after first opening its doors, Dungeness B visitor centre has welcomed its 10,000th visitor.

The interactive centre at the nuclear power station in Kent has proved extremely popular with people of all ages since it opened.

Station director, Martin Pearson said: "The response we have had from our visitors has been very positive and I am delighted that so many people have decided to come here to find out about how we generate electricity.

"Many schools, colleges and local groups have visited the centre over the last 24 months and we are receiving many repeat bookings from teachers."

Next Local Community Meeting

The date of the next Local Community Liaison Council meeting will be held on 2 June and members of the public are very welcome to join the meeting. If you would like to attend, please contact Louise Corser via email at hartlepoolstetours@edfenergy.com

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Glossary of terms:

Term	Definition
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.