

Hinkley Point B power station

December 2016 monthly report

Introduction

This is our latest monthly report, sharing news with our local community stakeholder groups and local councils. This forms part of our commitment to being an open and transparent business. These reports are also available to all members of the public on www.edfenergy.com website. This newsletter covers **December 2016**.

Safety update

We measure our safety performance against top tier indicators, including nuclear reportable events, environmental events, and staff and contract partner recordable injuries. It is now over ten years since we experienced a nuclear reportable event and over seven years since our last environmental event. It has also been over 1,000 days since the last lost time incident to one of our contract partners.

Station generation

Reactor 3 has operated at nominal full load throughout the month and has been online since 7 August, 2016.

Reactor 4 / turbine 8 operated at nominal full load throughout the month and has been online since 1 July, 2016.

On 21 November 2016 water ingress caused a small fire on an electrical services board. The station's own fire team immediately extinguished the fire using CO2 fire extinguishers. In-line with normal procedures, Devon and Somerset Fire and Rescue Service attended site as a precaution and confirmed the fire was out. The event has been provisionally classified as Level 1 on the International Nuclear Event Scale (INES), an anomaly. Events on a nuclear site are rated according to the INES, which is rated from 0 to 7, with 7 being the highest. The classification system is designed by the International Atomic Energy Agency (IAEA) and Nuclear Energy Agency (NEA) to allow the general public to put any incident on a nuclear site into an understandable context. Level 1 incidents are deemed to be those with no safety implications or nuclear risk.

Station news

Inspiring the next generation of engineers

LOCAL schoolchildren were able to build their own nuclear reactors with the help of the latest technology when they took part in a week-long event designed to inspire the next generation of engineers.

Year Six children from schools including North Newton, Puriton, St Mary's, Nether Stowey, Middlezoy and Othery Primary Schools enjoyed a range of Engineering-based sessions at EDF Energy's Hinkley Point Visitor Centre in



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Angel Place, Bridgwater.



The sessions were organised as part of national Tomorrow's Engineers Week which aims to change perceptions of engineering among young people by celebrating everyday engineering heroes who design, create and innovate to improve lives.

The campaign is led by Engineering UK with the support of the engineering community and central Government.

The pupils took part in a host of hands-on activities in the visitor centre, including making a giant spirit level and building structures with marshmallows and spaghetti with the help of staff from Bridgwater and Taunton College.

Autodesk gave the children the opportunity to look into the future with a scanner and 3D printer, while local company Cossey Produce donated fruit for the children to make their own pedal-powered fruit smoothies using a bicycle to power a smoothie maker.

EDF Energy's own staff from the company's training centre at Cannington Court took along virtual reality headsets to give the youngsters the chance to experience building their own nuclear reactor, while Bristol University challenged them to make and programme robots.



Marie Howe, visitor centre co-ordinator, said: "It is important we show young people the opportunities that are out there and the benefits of pursuing a career in engineering. While the week was all about having fun, hopefully we have encouraged some of the pupils to seriously consider engineering as a future career."

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 4000 local people.

Hinkley Point C project 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."

Season greetings

Peter Evans and all the team at Hinkley Point B power station would like to wish our neighbours a very happy Christmas and a safe and prosperous 2017.

Next local community meeting

The next Site Stakeholder Group meeting will be held on Friday 24 February 2017 from 10am to 1pm at a venue still to be confirmed.

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