

Torness monthly report

January 2017

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. While 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

- The station had zero lost time incidents (LTI) during the reporting period and EDF Energy staff have had 235 free days up to 31 January and contract partners have had 935 LTI free days up to 31 January
- The station had no emergency services call outs during January
- There were four first aid injuries at the station in January
- The station had no environmental events during January and has gone 2176 days without an environmental event (over five years).

Station output

Two flasks containing spent fuel were safely transported to Sellafield for reprocessing during the period.

Reactors 1 and 2 were operational for the whole month.

Station news

Torness staff mentor school children in STEM projects

EDF Energy is supporting a group of 11 students from Edinburgh and the Lothians who have taken up a challenge set by the Engineering Development Trust to reduce energy usage at school.

Schools from Westerhailles in Edinburgh and Prestonlodge in East Lothian are taking part in the project to inspire young people to study science and increase the connection between their studies and potential future careers. Abi Aladeloba and Rachel Brigham are supporting five students from Westerhailles Education Centre whilst Kate Goan is supporting six students from Prestonlodge High School.

At the launch event the students got to meet engineers and physicists from the power station. The Torness employees are mentoring the 13-14 year old students throughout the 10 week project and provide advice and guidance as they develop their ideas on how to think of their school as an island and transform it so it can be a fully functioning island setting. The project aim is to promote awareness on maritime and to engage the students to think of sustainable ways of using water, energy and managing waste.



Students from Prestonlodge High School on site tour of Torness power station with their mentor Kate Goan.

The island can be located anywhere in the world but it must include energy use, impact on the environment, and making the facility sustainable

Kate Goan, environmental safety engineer, Torness power station, said: "EDF Energy's work with the Engineering Development Trust gives us another opportunity to promote the study of STEM which is so crucial to the nuclear industry. I am delighted that the schools have taken up this opportunity and hope it helps to change the perception of STEM subjects."

The pace of digital innovation and scale of UK infrastructure investment means that there are huge opportunities for careers in STEM subjects. However, just one in five people working in STEM today in the UK is a woman and the number of young women studying these subjects at further education remains consistently below boys.

Company news

First Minister opens new EDF Energy centre in Edinburgh

First Minister Nicola Sturgeon has opened a new centre for EDF Energy Renewables in Edinburgh which will support the company's ambitious growth plans in Scotland.



During the opening ceremony, EDF Energy's CEO Vincent de Rivaz signed the Scottish Business Pledge, the Scottish Government initiative to boost productivity, competitiveness and the involvement of workers in businesses.

He also announced a new three-year partnership with Edinburgh International Science Festival as part of the company's wider programme to inspire Scottish youngsters to take up careers in science and technology and to boost skills and education.

EDF Energy is Scotland's largest generator of low carbon electricity, producing 40% of the country's electricity, employing more than 1,300 people and supplying Scotland's local authorities, schools, public buildings and hospitals.

Science and tech jobs will grow twice as fast as other occupations

A new study; 'Jobs of the Future' reveals that science, research, engineering and technology jobs will grow at double the rate of other occupations creating 142,000 extra jobs between now and 2023. This is the year girls currently choosing their GCSEs are expected to start entering the workplace.

The study from the Social Market Foundation (SMF) was commissioned by EDF Energy, as part of its 'Pretty Curious' programme to inspire more girls to consider science and technology careers.

EDF Energy has also launched a new virtual reality film to help girls see successful women at work in Science, Technology, Engineering and Maths (STEM) related careers.

Generic Design Assessment process starts for UK HPR1000 nuclear technology

The Department of Business, Energy & Industrial Strategy (BEIS) has today confirmed that the nuclear regulators have been asked to begin the Generic Design Assessment (GDA) for the UK HPR1000 nuclear technology.

This marks a first step in the robust and thorough process to seek permission to build a nuclear power station at Bradwell in Essex.



China General Nuclear Power Corporation (CGN) and EDF had submitted a joint application through their joint venture company GNS (General Nuclear System Ltd) to BEIS in October 2016 to begin the GDA process for a UK version of the HPR1000 nuclear technology.

The reference plant for the design is CGN's Fangchenggang Plant Unit 3 in China which is under construction and on schedule.

Next local community meeting

The Local Community Liaison Committee meeting will be held on 16 March 2017 at Torness power station.

Contacts

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

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.
Unit	A unit refers to one of the reactors at the power station and its generating turbine.
LTI	When a member of staff injures themselves at work, and is absent from work for one day or more, this is referred to as a lost-time incident (LTI)