Torness monthly report
September 2018

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. EDF Energy staff have had 843 LTI free days (more than a year and a half) up to 30 September and contract partners have had 1532 LTI free days up to 30 September – that's more than three and a half years.
- The station had no emergency services call outs during September.
- There was one first aid injury at the station in September.
- The station had no environmental events during September and has gone 2784 days without an environmental event (over seven years).

Station output

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

Reactor 1 was manually shutdown on 9 September as there was an issue with a set of valves on the conventional part of the power station not associated with the reactor. The reactor was returned safely to service on 10 September – it was offline for less than 24 hours.

Reactor 2 was taken off line on Friday, 7 September for its planned statutory outage which will last for approximately 11 weeks.

We generated 499,401MWh in September; this is enough low carbon electricity to power around 125,938homes and avoid 0.17 million tonnes of CO_2e emissions and equivalent greenhouse gasses (known as $MtCO_2e$) (when compared to direct emissions of combined cycle gas turbines).

Since January we have generated 6,963,275Wh. This is enough low carbon electricity to power around 1.76 million homes and avoid 2.43 million tonnes CO_2e emissions and equivalent greenhouse gasses (known as $MtCO_2e$) (when compared to direct emissions of combined cycle gas turbines).

Station news
Power station visit proves popular for Tesla Owners' Club

Innovation and sustainability were the main topics for discussion after a cavalcade of Tesla cars and their owners arrived at Torness power station.

The visit was organised by the station's Visitor Centre team. There was a huge demand for places on a trip to a nuclear power station. In the end, 30 members from all corners of the UK drove to Torness in their Tesla cars.

Faith Scott, Torness visitor centre coordinator said: "Both parties have environmental concerns and care about low or zero-carbon generation."

The visitors were met by Torness strategic outage manager Gordon McLuckie where they heard about our reactor 2 outage.

Gordon said: "There was much interest in the Tesla cars and it was quite a spectacle seeing them all together in the station car park."

EDF Energy has just announced a new partnership to advance low carbon transport with Nissan

Company news
Apprentices start nuclear careers

EDF Energy's latest apprentices have had an exciting start to their nuclear careers, first tackling Helvellyn and then heading to Somerset to be the first group to study at the National College for Nuclear.

The 58 apprentices, from the operational sites across the UK and Hinkley Point C, will be the first to head to the campus in Cannington, Somerset, after EDF Energy signed a five-year contract with the college train the company's maintenance apprentices.

The group started their careers with EDF Energy with a team-building week in the Lake District where they met other apprentices from power stations across the UK.

The apprentices will learn basic engineering skills in their first year, before specialising in the second year.

They will also get opportunities to travel both in the UK and abroad as part of the 'life skills' element of the apprenticeship programme.

David Youles, EDF Energy's Training Standards and Projects Manager, said: "Working with Bridgwater College we have been able to build on what was already a very successful programme.

"The course will be delivered at a purpose built nuclear college which offers new training technologies for both the technical side of the training as well as the opportunities to develop themselves with the life skills activities that are so important to our business."

Local community meeting
14 March 2019 from 10:00 – 13:00

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Glossary of terms

Term	Definition
Nuclear reportable event or incident	Nuclear reportable events are significant events, such as non-compliance with or inadequacy in the safety case. These (along with other, less significant events) are 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 which result in an environmental impact. These (along with other, less significant events) are reported to SEPA.
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)