

Dungeness B monthly report May 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.

Safety

We measure our safety performance against top tier indicators, including nuclear reportable events, environmental events, and staff and contract partner recordable injuries.

During the period of the report there have been no recordable injuries to employees.

Environmental Safety

There were no environmental events in May. Environmental Agency visited site as part of normal routine monitoring and no issues recorded.

Plant Update

Dungeness B generated 662 GWs in May.



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Dungeness B News

Our Visitor Centre continues to thrive, welcoming 470 people on tour in May 2018 with an additional 133 visitors to the exhibition area.

The Visitor Centre already has over 1600 people booked on tour for 2018.

Ex-engineer's wish to return to Dungeness B power station after 40 years is granted

90-year-old Raymond Stanley was granted his wish to return to the nuclear power station he had a hand in designing after winning a Christmas wish competition at Kew House Care Home in Wimbledon.

Raymond was responsible for the co-ordination of all mechanical, electrical and civil design aspects of Dungeness B nuclear power station in the 1960's and this was the first time he has visited the power station in almost 40 years.

"Coming back after all these years really brings back memories," said Raymond, who donned his original Atomic Power Construction tie for the day. "I may be 90 now but I'm still 19 at heart and it's great to see the place is still working.

"I am most proud of my work on the turbine hall that houses the two huge steam turbine generators and all their associated pipework systems. I worked on the design up in London and used to come down to Dungeness once a month but I haven't been back since I finished working here in 1980."



Dungeness B continues sponsorship of local football team, Lydd Grasshoppers FC

Chief coach Roy Geddes said: "It has been an incredible season for the squad, who have matured brilliantly since the team was formed four years ago, and they thoroughly deserve their award."

"We are grateful to EDF Energy who has sponsored us over the last few seasons. The power station is just down the road so it seems the perfect partnership. We are looking forward to another brilliant season together next year, sponsoring both the boys and girls teams."

Ian Stewart, Station Director at Dungeness B said: "We take our role in the community very seriously, so it is great to get the opportunity to show our support for a well-deserved local group like Lydd Grasshoppers FC. We congratulate the team on an excellent season."

Social media - follow [@edfenergy](https://www.facebook.com/edfenergy) on Facebook



EDF Energy is proud to support the The Varne Boat Club by helping to fund a second seat in a landyacht, enabling more children and adults with disabilities to participate in the sport. Find out more about landyachting and how to get involved: <http://bit.ly/2L3tE3a>



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The Varne Boat Club Thanks for EDF's continued support of the club and helping us to give people the chance to be active and have fun. 1 Like Reply



Congratulations to Grasshoppers Fc under 9's for an excellent season on the pitch. We look forward to continuing our support for our young neighbours next season <http://bit.ly/2InI01y>



EDFENERGY.COM
Lydd Grasshoppers net award to mark 2017-18 season's achievements

Company News

In March this year Hunterston B reactor 3 was taken offline to carry out planned, routine inspections of the graphite core. As part of the normal ageing process we expect to see cracks occurring in some of the graphite bricks that make up the reactor core, something that is well understood and is recognised in our operational safety cases which are agreed with our independent regulator the Office for Nuclear Regulation.

On 2 May we decided that, while the Reactor 3 could return to operation from the current outage, it would remain offline to enable us to work with the regulator to ensure that the longer term safety case reflects the findings of the recent inspections and includes the results obtained from other analysis and modelling.

Commenting on the decision, Donald Urquhart, Deputy Chief Nuclear Inspector and Director of ONR's Operating Facilities Division said: "We welcome the decision by EDF Energy to delay the return to service of Reactor 3 at Hunterston B pending further assessment of the significance of the most recent identified keyway root cracks. I view EDF's decision as responsible, conservative, and made in the best interest of public safety."

EDF Energy has been working over many years to fully understand and prepare for these late life changes to the reactor core and regular inspections at all our plants have provided a clear understanding of how the reactor cores age. Over £100m has been spent on the graphite research programme which benefits from the expertise of our own team of specialists as well as academics at several leading U.K. universities.

This decision underlines the company's commitment to nuclear safety and Hunterston B is, and will continue to be, operated with very large safety margins.

Contacts

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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.
Total Recordable Injury Rate events (TRIR)	The number of lost time injuries and restricted work injuries and medical treatments.
Statutory 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.
Double Reactor Outage (DRO)	A planned period of maintenance of plant on one reactor and shutdown of our second reactor to allow refuelling activities.
TWh	1 TWh = 1000 GWh
Lost time injury (LTI)	Lost Time Injury is an absence of one day or more resulting from an injury incurred during an accident - generally in UK industry a less stringent three day or more criteria is used.
Environmental event or incident	Environmental events arise from wastes or discharges above permitted levels or breaches of permitted conditions.
International Event Scale rating (INES)	International Event Scale - Events are classified at seven levels: Levels 1–3 are “incidents” and Levels 4–7 “accidents”. These levels consider three areas of impact: people and the environment, radiological barriers and control, and defence in depth. The scale is designed so that the severity of an event is about ten times greater for each increase in level on the scale. Events without safety significance are called “deviations” and are classified Below Scale/Level 0. Level 1 is an anomaly.