

# Minutes



**MINUTES OF THE LOCAL COMMUNITY LIAISON COMMITTEE (LCLC) MEETING HELD ON FRIDAY 18 MAY 2018, AT HEYSHAM POWER STATION VISITORS CENTRE**

**Attendees:**

<p><b><u>EDF Energy</u></b>                  Richard Bradfield (Chair)                  John Munro                  Martyn Butlin                  Tim Pickering                  Martyn Butlin                  Sarah Marshall                  David Abbott                  Stephen Bryan                  David Yates                  Sarah Marshall                  Lisa Woods                  Carole Irving (Secretary)</p> <p><b><u>Office for Nuclear Regulation</u></b>                  Steven Kirsopp                  Graham Moorcroft                  Mahtab Khan</p> <p><b><u>Environment Agency</u></b>                  Kate Simpson</p>	<p><b><u>Lancashire County Council Emergency Planning</u></b>                  Chris Caney                  Katherine Bentley</p> <p><b><u>Lancaster Chamber of Commerce</u></b>                  Mal Garnett                  Alistair Eagles                  John O’Neil                  Daniel Knowles</p> <p><b><u>Member of the Public</u></b>                  Maureen Kelly</p> <p><b><u>Craven District Council</u></b>                  Councillor Linda Brockbank</p> <p><b><u>Lancaster City Council</u></b>                  Mark Bartlett                  Councillor Carla Brayshaw                  Councillor Margaret Pattison                  Councillor Tracey Brown                  Councillor Abbot Bryning</p>
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**Apologies:**

<p><b><u>EDF Energy</u></b>                  Ann-Marie Brown                  Alan McCann                  David Leeman                  Paul Quinn</p> <p><b><u>St Peter’s Church</u></b>                  Andrew Osbourn</p> <p><b><u>LAPTC</u></b>                  Graham Agnew</p>	<p><b><u>Lancaster City Council</u></b>                  Councillor Colin Hartley                  Councillor Nathan Burns</p> <p><b><u>Lancashire County Council</u></b>                  Cllr Charles Edwards</p> <p><b><u>Environment Agency</u></b>                  Angela Wakefield                  John Green</p> <p><b><u>Lancaster Chamber of Commerce</u></b>                  Vicky Lofthouse                  Martin Horner</p>
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# Minutes



## Attendees

Representatives from: Heysham Site, regulatory bodies, local government, emergency services Parish councils, neighbouring bodies and members of the public

## Purpose of the LCLC:

Heysham joint site's Local Community Liaison Committee (LCLC) meets twice a year to provide a means for the Company to inform local organisations and members of the local community generally on matters arising from the operation of the power stations, including environment monitoring and emergency planning arrangements, on any new developments by the Company on or near the power station site or issues concerning the development of civil nuclear power in the United Kingdom and particularly nuclear safety issues as they may affect the local community.

To act as a means of liaison with local organisations and members of the local community generally on matters concerning the interaction between the power station and the local community including (by way of exclusion) infrastructure, employment, public information, transport and social questions.

## 1. INTRODUCTIONS

Richard Bradfield, Station Director Heysham1 Power Station welcomed members to this meeting.

## 2. APOLOGIES FOR ABSENCE

As above

### Safety Message

Mr Bradfield referred to the practice adopted within EDF Energy to have a safety message at the start of all meetings. The safety message for this meeting related to asbestos and members of the committee discussed this topic.

## 3. APPROVAL OF MINUTES/ACTION UPDATE

The notes of the Local Community Liaison Council meeting held on 20 October 2017 were accepted as a true record.

## 4. MATTERS ARISING

None

## 5. STATION DIRECTORS' UPDATE

### Heysham 1 Update

This summer marks the 35th anniversary of Heysham 1, a major milestone in the life of the station and it is important to note that the station is running better than ever in terms of safety and reliability.

On 18 June 2018, Unit 2 will start its planned maintenance shutdown and will see the replacement of three low power turbines and three gas circulators. This is a mandatory and statutory requirement for the reactor to safely operate for another three years. To date, Heysham 1 has produced over three terawatts of low carbon electricity.

Heysham 1 has had zero nuclear safety, environmental or industrial safety incidents to date this year. We did have an on-site lost time industrial safety incident last year in December 2017, when a member of staff slipped on ice. A full investigation was carried out and we take the learning from these events to prevent re-occurrences.

Richard answered a question from Councillor Linda Brockbank around 'lifetimes' asking whether the stations could see their lives extended. Richard stated that Heysham 2 was due to close in 2030 and Heysham 1 2024, although the company was looking at whether these could be extended. He said there were three factors to consider: whether it was safe to do, whether it was technically feasible and whether it was economic.

Richard responded to a question around changes in the stations' output since first operating from Mo Kelly who wanted to know if the stations were more or less reliable now, Richard said that both stations have a higher, more consistent, output than when they first started.

Councillor Margaret Pattinson asked about new build plans at Heysham. Richard said that EDF Energy had no plans for Heysham 3.

## Charity

Heysham Power Station staff regularly fund raises and supports local and national charities; these include North West Air Ambulance, Lancaster and District Homeless Action and Morecambe Bay Food Bank.

EDF Energy's charity of the year is a partnership with 'Breast Cancer Now' the UK's largest breast cancer charity, helping to raise awareness and vital funding for the fight against breast cancer.

'Breast Cancer Now' was chosen after an employee vote where nearly 7000 people took part. During our three-year partnership with Breast Cancer Now, EDF Energy employees aim to fundraise £450,000, take up volunteering opportunities and help raise awareness of the charity's work.

## Heysham 2 Update

Mr Munro said that Heysham 2 had continued to maintain its high standards during operation apart from one unplanned shutdown on Reactor 8 in March 2018, which was due to an issue with one of the boiler's feed valves, it was soon resolved and the reactor was back up and running six days later. Improvements are now in place to prevent a further occurrence.

On 4 May 2018, Unit 8 was shut down for its statutory outage; this is a mandatory and statutory requirement for the reactor to safely operate for another three years. We are well into unit 7's planned maintenance shutdown which will run into June, and this time we will be inspecting

inside the reactor. This allows the company to improve its modelling on the stainless steel elements within our reactors.

The station celebrated its 30th anniversary this summer, and it's interesting to note that the site has seen records achieved and beaten in the last few years showing it is running really well.

## Apprentices

The apprentice recruitment process for next year starts in October 2018. Every year EDF Energy continues to be encouraged by the interest, ingenuity and confidence these applicants have. The apprentice programme will change slightly in the autumn, when the new intake from all of EDF Energy's sites train at the nuclear power academy at Bridgwater College, Somerset

Further details on the apprenticeship scheme can be found at [www.energy.com](http://www.energy.com) under careers.

## Education

There are currently a number of educational initiatives in progress.

Graduates – EDF Energy currently has approx 22 graduates on the Graduate Energy Scheme. These graduates are key to the company's long-term success when the new intake from all of EDF Energy's sites train at the nuclear power academy at Bridgwater College, Somerset. The training and development on this scheme is world class and will prepare students for a long and prosperous career with EDF Energy.

Industrial Placement - We are currently in our third year of working with the Lancaster University to work with the post graduate research students. There are two Industrial Placements at Heysham 2 with three more planned to join in September.

This year we have been working closely with a number of primary and secondary schools through our science, technology, engineering and maths (STEM) donations.

## 6. COMMUNITY/VISITOR CENTRE

The Visitor Centre has been open five years in July 2018 and in May we welcomed our 30,000th visitor and celebrated with a school from Cumbria.

Over half of our visitors are from an educational background and the remaining is a mix of local community, business groups and tourism which has increased from 3% to 6% in the last year.

We have established extremely strong relationships with our local primary and high schools and the majority visit us on a yearly basis. The Visitor Centre team have recently been visiting local primary schools such as Overton, St Peter's and Westgate, to deliver 'outreach' sessions

to build robots to support curriculum learning, our aim is to offer more of this in the next curriculum year.

We had a very successful Science Day in March this year in partnership with Lancaster University for the fourth year running, where we saw 400 people through our doors exploring STEM (science, technology, engineering and maths) with lots of fun activities and demonstrations.

We continue to work with Morecambe Carnival and we are currently in the planning stages of supporting daytime science shows at this year's carnival weekend, the shows will be free and open to our local community.

In terms of local sponsorship Heysham Power Station is continuing to work closely with the local community in the supporting Christmas Lights Appeal, Armed Forces Day and Lancaster Pride.

## **7. RELEVANCE AT OTHER LOCATIONS**

### **Hunterston B**

There has been some media interest at Hunterston B following the completion of a recent inspection programme. The inspections confirmed the expected presence of new keyway root cracks in the reactor's graphite core and also identified these happening at a slightly higher rate than modelled.

EDF Energy has decided that, while Hunterston B Reactor 3 could return to operation from the current outage, it will remain off-line while the company works 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.

Similar inspections take place regularly at all of EDF Energy's advanced gas-cooled reactor power stations, and although no cracks have been found at any other site, including Heysham 1 and 2, the company fully expects to start finding cracks in the future.

There was some general debate in the meeting about how this may affect Heysham and other sites. Graham Moorcroft, ONR inspector, added that it was ONR's role to agree a reactor could return to operation after a shutdown and that all considerations such as graphite were looked at in detail.

For further information:

<https://www.edfenergy.com/energy/graphite-core>

**Action – May 2019 – Presentation on graphite/bricks – Richard Bradfield**

### **Sizewell C**

EDF Energy and CGN continue to develop plans for Sizewell C, including work to reduce construction costs by up to 20% and to explore new financing models to bring down costs further.

## Bradwell B

Proposals to build Bradwell B in Essex are being led by CGN and supported by EDF Energy. The UK HPR1000 reactor design for Bradwell is currently going through a 'Generic Design Assessment' by the regulators, the ONR and Environment Agency.

## 8. ENVIRONMENTAL REPORTS

Heysham Power Station environmental report was submitted to members ahead of the meeting.

The stations' environmental safety team gave some background to the annual report which was issued to the meeting.

### Environment Agency Reports

Kate Simpson, Lead Regulator for Heysham 1 discussed the Environment Agency (EA) report to the LCLC previously circulated to members. Further information is available on the EA web page

<https://www.gov.uk/government/organisation/environment-agency>

### Emergency Planning Consultative Committee (EPCC)

The last meeting of the EPCC was held on Thursday 12th April 2018 – brief update:-

1. EPCC were provided with feedback on recent exercise programmes from the stations and dates for the planned 2018 exercises.

The 2017/2018 Exercise Season included a desktop security exercise ('YAMAHA'), 5 x shift training exercises ('VOX') a Peer Assessed exercise ('TAYLOR') our LC11 Demonstration Exercise ('FENDER') and a demonstration security exercise ('FENDER'). All were deemed adequate demonstrations of our emergency arrangements.

2. Under National issues, an update was provided on the ongoing BSSD (British Safety Standards Directive).

3. The use of our arrangements (Op Alert) for Storm Eleanor and the CO2 leak on Heysham 1 were covered. All managed successfully. Also, across the fleet there had been a number of issues with the bad winter weather (Beast from the East); again all managed successfully using our arrangements. Details were provided on the purpose of the declared state of Operational Alert recognising that by declaring Operational Alert the station were conservatively pre-empting a deterioration of the situation and therefore enabling a wider support network to be established to ensure the event is controlled and where possible prevented from escalating.
4. Lancashire County Council are reviewing the off-site plan and it is due for re-issue in the Summer and the annual Calendar consultation is starting soon prior to standard issue in December

Dave Abbott, Emergency Planning Engineer at Heysham 2, said that the recent 'exercise season' had gone well and that the sites were preparing for the autumn exercise season. He added that the sites had been on alert during the 'beast from the east' bad weather and although the sites had put in their dam boards as precaution, they were not actually needed.

### **Off Site Planning Arrangements**

The Lancashire County Council emergency planning report was issued to members ahead of the meeting and a brief update was given.

Councillor Abbot Bryning asked on whether the off-site emergency plans are reviewed. Chris Caney, Site Emergency Planning Officer at Lancashire County Council, said they are constantly under review, with a more formal review taking place and this will be published in August.

## **9. OFFICE FOR NUCLEAR REGULATION (ONR) SITE INSPECTORS' REPORTS**

The ONR site report was circulated to members prior to the meeting and is available on the ONR website (<http://www.hse.gov.uk/nuclear/llc>).

The site inspectors Graham Moorcroft, Heysham 1 ONR Site Inspector and Steve Kirsopp, Heysham 2 ONR Site Inspector spoke to their reports, saying that they had both carried out regular inspections of their respective sites' activities.

Mr Moorcroft added that he was assessing Heysham 1's periodic safety review, a formal process which looks ahead at the station's potential operation for the next 10 years.

Mr Kirsopp introduced members to Mr Mahtab Khan who is due to take over as Heysham 2's ONR Site Inspector on 02 July 2018.

## **10. ANY OTHER BUSINESS**

None

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## 11. ACTION REVIEW

Action 1 May 2019 – Presentation on graphite/bricks – Richard Bradfield

## 12. DATE OF NEXT MEETING

The next meeting will be held on Friday 2 November 2018, at an education venue to be confirmed.