



Bradwell Site

Draft Minutes of the 62nd Local Community Liaison Council (LCLC) Meeting

Mundon Victory Hall
Wednesday 1st June 2016

Present:

LCLC Executive:

Brian Main
Cllr John White
Dr Louise Franks

LCLC Chairman
Deputy Chairman
Clerk

LCLC Members:

Cllr Brian Beale
Cllr Robert Boyce
Cllr Dave Bragg
Ben Bridgewater
Paul Brown
Cllr Tim Drain
Russell Everard
Cllr Adrian Fluker
Andrew Jakeways
Karl Littlewood
Kerry Martin
Cllr Tony Pluckrose
Andrew Pynn
Scott Raish
Christopher Thomas
Cllr Kay Twitchen
Angela Vincent
Mr Paul Walker
Cllr Sylvia Wargent
Stephen Wilmott

Maldon District Council
Essex County Council
West Mersea Town Council
Magnox Waste Strategy team
Cavendish Flour Partnership Bradwell Site sponsor
Bradwell Parish Council
Bradwell Legacy Partnership
Maldon District Council
Office for Nuclear Regulation Lead Site Inspector
Environment Agency Lead Site Inspector (outgoing)
Maldon District Council
Tillingham Parish Council
Environment Agency Lead Site Inspector (incoming)
Bradwell Closure Director
Food Standards Agency
Essex County Council
Magnox Ltd, Secretariat
Essex County Council
West Mersea Town Council
Magnox Ltd

Bold type - denotes voting members

Members of the public in attendance:

Andrew Blowers
Varrie Blowers
Judy Lea
Ian Clarke
John Harrison
Barry Turner



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1. INTRODUCTION

2751 The Chairman opened the meeting and welcomed those present, in particular those who were new or returning to the meeting after a break. Chairman invited new attendees to introduce themselves and the following introductions were made:

- Andy Jakeways – Office for Nuclear Regulation (ONR), Lead Inspector
- Andrew Pynn – Environment Agency (EA), incoming Lead Inspector
- Chris Thomas – Food Standards Agency (FSA)

2. APOLOGIES FOR ABSENCE

2752 Clerk confirmed apologies had been received from:

- Rosanna Briggs – Essex Fire and Rescue Service
- Jonathan Jenkin - NDA
- Cllr Bryan Ledger – Althorne Parish Council
- Cllr Robert Mitchell – Braintree District Council
- Cllr Keith Nicholson - Chelmsford City Council
- Pauline Ward – St Cedds School
- Stewart Rivers – Cold Norton Parish Council
- Cllr Stephen Savage – Maldon Town Council
- Cllr Tony Shrimpton – Maldon Town Council

3. APPROVAL OF THE PREVIOUS MINUTES

2753 The LCLC minutes resulting from the 61st Meeting held on 9th December 2015 were considered and approved without amendment.

2754 It was requested that the minutes of meetings were circulated shortly after the meeting at which they were taken rather than just prior to the subsequent meeting. Angela Vincent reported that minutes are placed on to the Magnox website and advised that she will investigate and feedback what arrangements could be made to enable earlier circulation of minutes.

2755 Chairman added that it would be helpful to pose questions one month prior to the meeting date to enable a full answer to be sought and provided at the meeting itself.

4. MATTERS ARISING FROM THE PREVIOUS MINUTES

2756 Varrie Blowers referred to para 2677 and the description of the Magnox socio-economic scheme as “to help mitigate the impact of decommissioning” asking how this correlated to the comment in para 2744 “the socio-economic scheme had recently made a considerable donation to Essex Police Authority to provide an automatic number plate recognition scheme”. Mr Paul Brown advised that he had spoken with Mr Jonathan Jenkin (of the NDA) and neither party could verify that the scheme had made such a donation. Chairman concurred. Mr Brown later confirmed that no monetary grant had been awarded but that redundant speed recognition equipment had been donated by Bradwell site to Essex Police.

2757 Cllr Brian Beale referred to para 2680 where he had questioned what volume of ILW would be imported to Bradwell, questioning when the transfer of ILW would commence. Mr Ben Bridgewater explained that he would be covering this topic during the Site Director’s report.

2758 Mrs Blowers referred to para 2703 and cited the phrase “explained that the plant had undergone a period of prolonged continuous operation throughout July and August 2015” questioning what the phrase “prolonged continuous operation” meant. Scott Raish, Site Director, clarified that the plant has not always run continuously but during the period cited that it had done so. Mrs Blowers sought clarification of how many discharges had occurred and was advised that the process was run on a batch basis and that a maximum of one discharge per day, often one discharge every other day, would be released during continuous operation.



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2759 It was agreed that there were no other matters arising that were not on the Agenda for discussion today.

5. SITE REPORT: Update

2760 Scott Raish, Site Director, provided a presentation, short film and verbal report to update attendees about site activities since the previous LCLC meeting (held 09.12.15.). He directed attention to the posters displayed in the meeting room depicting the 2016/17 plans for the Bradwell site, encouraging attendees to consider this outlook summary. Mr Raish made the following key points:

- Safety and Environment: remains the priority and continues to be positive. Air Field car park recently closed due to fewer workers travelling to the site, reducing local road use.
- Lifetime Plan: Nuclear Decommissioning Authority (NDA) is currently considering the revised Magnox lifetime plans for all sites in their fleet. Provisional agreement has been received on the revised lifetime plan for site entry into Care and Maintenance (C&M) in 2019. Currently the site is 4 months ahead of this schedule.
- Progress towards Care & Maintenance (C&M):
 - 1) *Fuel Element Debris (FED)*: currently approx 5 tonnes behind schedule; stringent environmental performance criteria continue to be met. That FED characterised as Low Level Waste (LLW) continues to be shipped to the LLW repository.
 - 2) *Underground Vaults*: all 18 vaults are now empty and decontaminated 7 weeks ahead of schedule.
 - 3) *Deplanting and demolition*: Deplant of Active Effluent Treatment Plant (46 vessels) now complete and demolition about to commence.
 - 4) *Intermediate Level Waste (ILW) Conditioning*: Advanced Vacuum Drying System being deployed for 6 containers each time, rather than the 4 planned, enabling more rapid progress; currently ahead by a number of weeks, soon to be months.
 - 5) *Porta cabins*: only one remains on site.
 - 6) *Cladding*: Tower cranes now removed and contractors are demobilising. Short film used to visually describe progress (available on 'You Tube' imminently).
 - 7) *Pictorial Evidence of Site Clearance*: Sept 2015 and May 2016 photographs of site reflect extent of progress with site clearance.

2761 Mr Ben Bridgewater provided a verbal update about the proposed co-location of ILW at Bradwell advising that the planning application for the use of the existing store to host ILW from Dungeness and Sizewell had been submitted to Essex County Council, that public drop-in meetings had been held and that a decision was likely during the summer. Cllr Kay Twitchen added that she had spoken to the officer running the application process and understood the following:

- Responses have been received from both the meetings and from the publicity surrounding this application.
- All responses will be collated and form part of the report that will be considered by the Planning Committee.
- Paperwork is being prepared and should be ready in time for the Planning Committee meeting in July and if not, will be considered in August.
- If anyone wants to attend the meeting and speak then their details must be lodged in advance.
- Papers will be made available 5 days prior to the planning meeting at which the application will be considered.

2762 Cllr John White questioned on what dates the Planning Committee meetings for July and August have been scheduled. Cllr Twitchen later advised that the meetings were scheduled for Friday 22nd July and Friday 26th August.

2763 Mrs Blowers stated her understanding that whilst the public could apply to attend a Planning Committee meeting that only one representative was permitted to speak. Cllr Bob Boyce introduced himself as the Chairman of Development Regulation Committee at Essex County Council and confirmed that the protocol was for a supporter, a defender and the Parish Council representative to speak at Planning Committee meetings. He advised that he had some discretion to enable additional speakers at these meetings if the need became evident. He added that usual practice



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- was for those who wished their views to be heard, to elect a nominated spokesperson. He confirmed that he recognised how contentious this particular planning application was.
- 2764 Cllr Beale questioned the transfer route to be used for ingress of ILW to Bradwell. Mr Bridgewater advised that the options were for rail and road or just road and that he would be visiting the railhead to fully understand the logistics of the former prior to firming up the decision. Cllr Beale asked whether this matter would be discussed at the meeting to consider the planning application and Cllr Boyce confirmed this, stressing that **all** aspects relating to the planning application were considered, both from written details and the verbal explanation provided by an officer during the meeting.
- 2765 Chairman invited questions about the Site Director's report and Cllr Boyce, in reference to the underground vaults, asked whether the intention was to fill or leave these as voids. Mr Raish advised that they would be left as voids with a weather enclosure over the top to mitigate against water ingress. Cllr Boyce asked where the Peregrines were nesting and heard that special bird boxes had been located on the side of the reactor buildings for their use.
- 2766 Cllr A Fluker expressed concern that the planning application did not have full waste transport plans detailed within and asked how many packages over what time period were planned to be imported to the ILW store. Mr Bridgewater advised that circa 160 from Dungeness and circa 10 from Sizewell were anticipated. Mr Bridgewater advised that the planning application contained supporting evidence resulting from traffic assessments undertaken for the proposed combined rail and road route and the road only route, adding that the site currently use the rail head to transport waste from Bradwell site. Mr Raish added that approx. 12 shipments were transported from site via this railhead to the LLW repository during March alone. He advised that the decision about route for ILW ingress was influenced by public safety and economic considerations and that the type of container to be used had impacted upon this. Cllr Fluker sought clarification of the number of movements involved and heard that this depends on the type of package used, that the majority of Dungeness ILW would arrive 3 packages in one movement and that overall the number of movements was unlikely to exceed 60-70.
- 2767 Andrew Blowers asserted that whilst the Planning Committee would be made fully aware of the Magnox position regarding the use of the ILW store to host waste from other sites that they needed to advised and consider the opposing views held. He commented on the very short notice for publication of papers and asked whether the paperwork could be made available sooner to enable the formulation of the argument against the application to counter the information contained therein. Cllr Bob Boyce advised that the Committee followed the rules and these state that the agenda and papers are to be published five days in advance of the meeting.
- 2768 Mr Blowers advised he had an issue with what would happen inside the reactor buildings regarding graphite. Chairman explained that, unfortunately due to the Purdah period, the NDA were not represented at this meeting and requested that this concern was submitted in writing to enable a response to be sought. This was agreed. **ACTION: Mr Blowers to submit a written question regarding the graphite in the reactor buildings to the NDA, requesting a response in time for the next LCLC meeting.**
- 2769 Barry Turner advised his recollection that when the LCLC were first advised that the ILW store at Bradwell may be used for waste sourced from other sites, that objections were raised as this was not in line with the principal that only waste generated at the site would be stored at the site. He emphatically stated that the planning application was unique as it increased the total amount of radioactive material to be retained on site and there was no guarantee of when the store would be emptied. He emphasised that any decision should only be made after a robust debate. He asserted that the Planning Committee should refuse the application and insist that the original use of the store to contain only Bradwell-sourced waste was imposed. He suggested that ingress of waste was in contravention of the waste plan for the County Council. Chairman interrupted, suggesting that this was not a question but a campaign speech. Cllr Twitchen commented that consideration and decision on the application to change the planning permission to enable storage of ILW from other sites at Bradwell was not for this forum. Cllr Twitchen reiterated the due process being carried out and emphasised that careful consideration of all views, pro's and con's, would be undertaken by the Planning Committee and that nothing would be glossed over.



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- 2770 Cllr Beale questioned whether there would be any recommendation to the Planning Committee and, if so, who would make that recommendation. Cllr Twitchen advised that there would be a recommendation made and that this would be made by an officer that had closely examined the paperwork and fully understood the situation. She emphasised that this was not necessarily how the Committee would vote, adding that officer recommendations were often overturned.
- 2771 Cllr Tony Pluckrose asked for a definition of 'Higher Activity Waste' and clarification of what would be received from Dungeness and Sizewell for storage at Bradwell. Mr Bridgewater clarified that higher activity waste was any waste that was destined for the geological disposal facility, i.e. could not be sentenced to either non-radioactive waste disposal or the low level waste repository. Mr Bridgewater described the vast majority of the waste from Dungeness to be similar to that generated by Bradwell and confirmed that all incoming waste would be characterised as Intermediate Level Waste.
- 2772 Mr Ian Clarke asked for reassurance that the planning application would be decided on its merits and that no community benefits were being offered to 'colour' the outcome. Cllr Twitchen advised that there were National and Local guidelines for applications and that the process followed was quasi judicial in nature. Cllr Boyce advised he did not know whether the application had any 106 agreements contained therein. Mr Bridgewater reminded attendees that this was an application to amend the original planning permission; he confirmed that this did not include any financial agreements.
- 2773 Cllr Fluker asked how many staff were currently involved with the FED dissolution process and when it was anticipated that the processing would finish. He added that the staffing profile included in the previous report had been very helpful and questioned whether this could be included in future. Mr Raish agreed to include a staffing profile in future and commented that he was on track to reduce the staff numbers by a further eight by the end of this week, as planned. He added that there were approx 25 people involved in the FED dissolution process, of which 12-14 were routinely on site and the remainder were based at Berkley and Oldbury. In terms of end date, Mr Raish advised that the FED dissolution process was not always reliable and that whilst the plan was for dissolution to be completed by July 2018, he was hopeful it would be complete before then.
- 2774 Mr Blowers questioned why Bradwell FED could not be encapsulated instead of put through dissolution. Mr Raish advised that the best available technique had been identified as dissolution to enable waste volume reduction and that this process was being followed.
- 2775 Kerry Martin requested that the current resource profile was included in the minutes of this meeting and this was agreed. Cllr Martin questioned how many staff were currently employed on site and Mr Raish advised approximately 420.
- 2776 Mr Blowers reiterated his concern about the graphite and boilers inside the reactor buildings and requested that a report on the current situation and long term management of the interior of the cladded buildings was provided to the LCLC. Chairman reiterated that this matter should be directed to the NDA in writing to enable a written response to be sought (please see para 2768).

6. NUCLEAR DECOMMISSIONING AUTHORITY (NDA) UPDATE

- 2777 Chairman reminded attendees that due to the Purdah period, no representative from the NDA had been able to attend this meeting, however, the 'NDA Monthly Update' for May 2016 had been previously circulated and was available in hard copy today. He invited questions and comments and none were forthcoming.

7. OFFICE FOR NUCLEAR REGULATION (ONR) REPORT

- 2778 Mr Andy Jakeways introduced himself as the new Site Inspector, having succeeded Stuart Fannin in March of this year. He referred to the written report, dated 01.01.16. to 31.03.16., and provided a short presentation covering the following key points:
- *ONR Inspections:* undertaken in Jan, Feb and March covering Ionising Radiation Regulations 1999, Accumulation of Radioactive Waste (LC32) and the Reactor Primary Circuit. Clarification that the latter was a system Inspection which focussed on the overall safety of the plant not just compliance aspects. No significant issues were resulted from any inspections. All inspection



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reports are available on the ONR website.

- *Regulatory Project Meetings*: held Jan and March to monitor progress of the decommissioning programme.
- *Incidents*: none have been reported to the ONR this year.
- *Enforcement Notices*: none have been issued by ONR this year.
- *License Instruments*: LI 511 issued to withdraw the approval of generic record preservation period in LC6(1) and LC6(2). LI 512 issued to enable minor changes to arrangements for off-site technical support for revised site accident and emergency plan LC11(1).
- *ONR Chief Nuclear Inspector*: Dr Richard Savage, previously the Acting Chief Nuclear Inspector, has now been appointed to this post.
- *ONR Strategic Plan 2016-20*: now published and available on the ONR website (www.onr.org.uk).

2779 Questions were invited but none were forthcoming.

8. ENVIRONMENT AGENCY (EA) REPORT

2780 Mr Karl Littlewood, outgoing EA Inspector for Bradwell site, drew attention to his report, dated December 2015 to May 2016 and in particular to the following sections:

- *Stakeholder Communications*: EA supported the two public drop-in sessions regarding the ILW consolidation plans. Public register information available via the link portal <https://ea.sharefile.com/d-s9822215ebc94f5a9>
- *Site Inspections*: three inspections this quarter focussed upon management of Higher Activity Wastes (in conjunction with ONR Inspector), arrangements for sentencing low level solid radioactive waste and proposals for the acceleration of the site into C&M.
- *Events and Incidents*: EA routinely review operator's reports of events and incidents at site. Previously reported short term release of NO_x; now fully investigated and no subsequent enforcement action required. April 2016 notified that foul sewer had blocked causing overflow from settlement tank; recorded as minor non-compliance.
- *Annual Review of Safety, Security and Environment (AROSE)*: Sizewell site hosted the combined performance review for Dungeness, Bradwell and Sizewell in May 2016. Performance overall good with some areas requiring continued improvement.
- *Permit Variations*: expecting to publish circa 24.06.16. the draft position on the three permit variations submitted by the operators.
- *Radioactivity in Food and the Environment (RIFE) report*: Most recent RIFE (no. 20), published Oct 2015, states level around Bradwell during 2014 is $\leq 5\mu\text{Sv}$ (public dose limit from man-made sources is $1000\mu\text{Sv}$, average dose in England from all sources is $2700\mu\text{Sv}$).
- *Habit Survey*: Bradwell Site Habit Survey now published and available on www.cefas.co.uk/publications/environment/bradwell2015.pdf This work is used in the assessment of the worst potential radiological impact on the public and for Bradwell the highest potential impact was an adult who consumed high levels of local fish.
- *New Site Inspector*: Mr Andrew Pynn now Site Inspector (since May 2016).
- *Guidance for Revocation of Permits*: framework being developed to enable nuclear sites to apply to be released from radioactive substances regulation. Draft guidance has been consulted upon and is now being trialled at Winfrith and Trawsfynydd sites.
- *New Chief Executive*: Sir James Bevan became Chief Executive on 30th November 2015
- *Flood Defences*: Repairs carried out to Bradwell seawall; required after damage caused by bad weather.
- *Discharge Profiles*: two graphs provided to describe actual monthly liquid and gaseous discharge over last four years against 10% of the annual limits for each.



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- 2781 Mr Andrew Pynn introduced himself as the new EA Lead Site Inspector, advising that the outgoing Lead Inspector, Karl Littlewood, remains a member of the EA Inspection Team. Mr Pynn advised that he plans to prepare a review of the environmental monitoring data to present to the December LCLC meeting. He reminded attendees that environmental monitoring data is published on the EA web portal as it becomes available.
- 2782 Questions were invited and Cllr Drain referred to the recent repairs of the seawall questioning who had oversight of this. He commented that the repairs had generated an eyesore with empty ballast bags awash across the beach and that there was no warning of the suspension of the public right of way along the seawall. Mr Littlewood advised this did not fall within his remit and encouraged formal complaint to the EA, which Cllr Drain advised had already been submitted via the Parish Clerk. Mr Littlewood described the regulatory framework as the EA holding responsibility for maintaining the seawall, the operators for ensuring that there was no unacceptable safety risk from flooding and that site safety was regulated by the ONR. Cllr Drain added that procedures regarding right of way access had not been followed and Mr Littlewood reiterated that comment about this matter should be directed to the EA.
- 2783 Ian Clarke asked whether further repairs and enhancements to the seawall were planned in preparation for entry into C&M. Mr Littlewood advised that he was not aware of any such plans, restated that he was not the right person to ask and reminded attendees that the repairs were undertaken after bad weather damage.
- 2784 Varrie Blowers referred to the permit variations section of the report, asked what link, if any, there was to the Purdah period and asked what the outcome was regarding use of the existing outfall for liquid discharges from the site. Mr Littlewood explained that the timing for the publication of the EA draft position regarding permit variations had been deferred until the end of the Purdah period. Mr Littlewood advised that a new liquid effluent discharge route was in place and that permission for its use had been sought from the EA. This entails amendment of the three permits covering the current discharge route; two for non-radioactive effluent, the third for radioactive effluent. He explained that the latter is a minor change and easily decided upon, it is the non-radioactive effluent permit amendments that are causing the delay.
- 2785 Varrie Blowers asked for a definition of 'stakeholder' (ref "Stakeholder Communications" section of report) and whether this included members of the public. Chairman explained that the difficulty with defining 'stakeholder' had led to retention of the name "Local Community Liaison Council" for this group rather than "Site Stakeholder Group", the name used by committees at other Magnox sites. Mr Littlewood added that usually the EA linked the term 'stakeholder' to 'other interested parties' to clarify that anyone interested in an EA issue could express their view. He clarified that this section of the report referred to the FOI requests and other communications received from all persons having an interest in EA matters relating to Bradwell, including the permit variation requests from the operators in preparing for entry to C&M. Chairman clarified that the LCLC membership was made up from elected representatives of the community and their meetings were held in public to enable public participation and communication.
- 2786 Varrie Blowers thanked Mr Raish for minimising the amount of radioactivity entering the estuary.
- 2787 John Harrison reminded attendees that he had previously asked that the author of the EA report was identified within the report and noted that this was not evident on the report provided. He led a vote of thanks to Mr Littlewood for his clear reporting during his tenure as Lead Site Inspector.
- 2788 Barry Turner questioned why the online address for EA reports had changed and asked that a consistent address was used. Mr Littlewood advised that the address detailed in the report was current and that had been changed to prevent file corruption.
- 2789 Andrew Blowers expressed his confusion about the liquid effluent discharge permits asking if the permits for the current discharge route had ceased. Mr Littlewood confirmed that they had not ceased and stated that discharge via the current route remains permitted. The current radioactive substance discharge route is defined within the permit as via the East/West cooling water discharge line and the operators wish to vary this to remove this description of the physical route to be used to enable the new discharge route to come into operation. This was debated further and Chairman asked that Mr Blowers seek further reassurance from the EA directly after this meeting.



9. FOOD STANDARDS AGENCY (FSA) HABIT SURVEY

- 2790 Chris Thomas introduced himself as representing the FSA and provided a presentation about the recently published radiological habits survey (carried out by CEFAS on behalf of the FSA, ONR and EA) and how this links into radioactive monitoring. The following key points were noted:
- All sources of radiation exposure are considered.
 - Habit survey informs how dose to local consumer is calculated (outcomes published in RIFE report).
 - Survey conducted during 2015 using data from 558 members of local public.
 - Previous survey undertaken during 2007.
 - Activity within, and consumption levels of food, two key areas considered; aquatic and terrestrial.
 - Aquatic survey map and graph describing consumption levels in 2007 and 2015 reflect fish consumption remains high, wildfowl consumption has significantly reduced and mollusc consumption has increased.
 - Terrestrial survey area and direct radiation survey area detailed on a local map.
 - Graph illustrating consumption of terrestrial foods from 2007 and 2015 shows highest consumption is of potatoes and other veg and that green veg consumption, previously the highest, now significantly reduced. Consumption of pig meat and freshwater fish recorded during current survey.
 - Graphs reflecting aquatic intertidal occupancy and direct radiation were displayed and no significant changes identified.
 - Extract from RIFE report showing monitoring results for 2014.
 - Graph illustrating dose trends since 2004 reflect that since 2012 levels were less than 5 μ Sv and that the most exposed group were adult consumers of local fish.
 - Graph comparing doses illustrated that local area levels were significantly smaller than the public dose limit (1000 μ Sv), the average UK dose (2700 μ Sv) and the average radon dose in Cornwall (7000 μ Sv).
- 2791 Questions were invited and Ian Clarke asked that if food had been sourced from adjacent to the outfall then the risk was greater. Mr Thomas explained that the habit survey gathers information from a range of consumers and that the highest levels are recorded for assessments.
- 2792 Varrie Blowers questioned how the 558 members of the public were selected. Mr Thomas explained that this was detailed in the published report but the principle was to find local residents and persons that worked in the area.
- 2793 Mrs Blowers asked why the consumption of local food groups had changed and heard that the reasons for this were not clear.
- 2794 Mrs Blowers questioned whether the dose to local residents was the $\leq 5\mu$ Sv found plus the average UK dose and heard that locally the dose was the $\leq 5\mu$ Sv stated. Mr Littlewood clarified that there was large variability across the UK, dominated by naturally found radiation (e.g. radon in Cornwall). The purpose of detailing the average dose was to enable comparison with man-made radiation sources. Chairman clarified that locally the dose was $\leq 5\mu$ Sv whereas in other regions the dose was so much higher than the average dose for the UK was 2700 μ Sv.
- 2795 The fact that the RIFE report was from 2014 was pointed out and the current estimate of local dose being $\leq 5\mu$ Sv refuted. Chairman disagreed referring to the last two LCLC meetings when all the discharge figures were provided in detail, commenting that locally the site releases $\leq 1\mu$ Sv into the estuary. Chairman added his dismay that local people are being frightened by media reports of radiation releases into the estuary. Barry Turner countered by stating that DECC had confirmed that 15% of the radiation in FED was released into the estuary and questioned where this went. Chairman reiterated that the radiation level released into the estuary was $\leq 1\mu$ Sv. Mr Littlewood agreed, stating that the RIFE report enabled a clear picture of radiological impact in the surrounding areas of all UK nuclear sites but that this took time to compile. He reminded attendees that recent data of radioactive monitoring was available via the EA portal. He confirmed that the levels currently



identified were not significantly different from that previously detected. Mr Thomas added that the FSA also publish raw results on their website.

- 2796 Cllr Sylvia Wargent asked if the highest levels reported for fish also included shellfish. Mr Thomas advised that the samples were divided into fish (Bass), shell fish (Lobsters) and molluscs (Oysters).

10. BRADWELL LEGACY PARTNERSHIP UPDATE WITH ACTION PLAN

- 2797 Russell Everard introduced himself as the meeting facilitator for the Bradwell Legacy Partnership. He advised that within Maldon District Council he supported the work of the Economic Development Unit. It was noted that the hard copies of papers circulated at this meeting described the work of the Bradwell Legacy Partnership, detailed the action plan 2014/15, provided the agenda from the recent meeting (18.05.16.), detailed the economic development business and tourism growth project opportunities for 2016/17 on the Dengie Peninsular and provided a calendar of forthcoming attractions and events in the area.

- 2798 Mr Everard explained that the Bradwell Legacy Partnership (BLP) began in 2013 when Regeneris undertook a study and economic impact assessment and then formulated an action plan (copy on Maldon District Council website). BLP has members drawn from the LCLC, Maldon District Council, Essex County Council, Dengie Ward, Bradwell Ward, Community Voluntary Services, Jobcentre Plus, Magnox, Greater Essex Business Board, Rural Community for Essex, Dengie Enterprise Service and the Diocese of Chelmsford (Bishop of Bradwell). In 2014 the BLP began allocating the £150,000 grant provided by the Magnox Socio-economic Scheme and commissioned projects and activities as detailed in the 2014/15 Action Plan. Mr Everard drew attention to several of these and gave reassurance that their impact is being monitored closely.

- 2799 Attention was drawn to the list of potential projects for 2016/17 including a possible business enterprise centre, a tourism hub, various arts and cultural projects, transport initiatives and continued support for small businesses and social enterprise. Grants to support these projects will be sought from the Magnox Social-economic Scheme and other potential grant providers, including the Coastal Revival Fund.

- 2800 Questions were invited and Judy Lea asked what the intended lifespan of the partnership is going to be. Mr Everard advised that this was dependent on gaining funding for the proposed projects. Chairman added that several of the projects would have a lasting legacy. Ian Clarke commented that the partnership has drawn communities together and Mr Everard concurred.

- 2801 Andy Blowers commented upon the feasibility study being undertaken for the use of the Bradwell reactor cladding to be used as a screen for art projections and in particular for a lumiere light show questioning the potential benefits implied for Mersea Island. He asserted that unless the ferry project was realised that there would not be any benefit, suggesting instead that Mersea Island would suffer from additional light pollution. Mr Everard advised that the purpose of the feasibility study was to establish if this idea had any local benefit, that it wasn't limited to a light show but could be used for an art installation or to project films onto. He emphasised the need to explore ideas to test their feasibility and benefits. Chairman added that any suggestions or comments from the attendees would be welcome.

- 2802 John Harrison questioned why the leaflet promoting local events that ran to 24.10.16. did not promote the local Heritage Weekend that he thought was being held during September. Mr Everard was unsure and Chairman asked that detailed comments were sent directly to BLP.

13. CHAIRMAN'S FEEDBACK

- 2803 Chairman advised that he did not have anything specific to report and invited John Harrison to speak about the NDA-hosted meeting that he had attended. Mr Harrison advised that he had attended a recent workshop held in Manchester about regulations covering NDA sites approaching final stages of decommissioning and clean-up. He advised that other site stakeholder group representatives as well as several Councillors were in attendance. He advised that there was a lot of information shared from DECC, NDA, SEPA and Magnox and that written information would be disseminated in due course. Mr Harrison advised that he had raised the topic of the Bradwell ILW store and was advised that this did not form part of the workshop and that his question should be directed to Bill Hamilton at the NDA.



14. ANY OTHER BUSINESS

2804 Ian Clarke expressed concern that the alarm caused by the article in the Essex Chronicle and Private Eye Magazine had not been addressed at this meeting. This article reported that there were cracks in the concrete foundations that supported the boilers and cladding and suggested that the boilers were subsiding. Chairman advised that he had spoken to a number of people that had reassured him that this article was a gross exaggeration of the routine tests undertaken by the operators. Mr Blowers and Chairman exchanged words regarding the timing of questions to be posed to the operators and regulators at the LCLC meetings and Chairman advised that this matter was raised too late to enable an informed answer to be brought to this meeting. Judy Lea suggested that a written question could be submitted to enable a written response and this was agreed.

ACTION: Mr Blowers to submit a written question regarding the cracks in the concrete that support the cladding and boilers to the regulators and operator, requesting a response in time for the next LCLC meeting.

2805 Andrew Jakeways, ONR, offered to provide a regulator perspective and Chairman suggested that he spoke with Mr Blowers after the meeting to inform the written question to be posed about this matter. Mr Clarke reiterated his concern about the alarm caused to the public by this matter and Chairman concurred, expressing his personal view that this article was alarmist.

2806 Chairman advised that this was the last meeting for the Clerk, leading a vote of thanks and a round of applause.

15. DATE AND TIME OF NEXT MEETING

2807 Wednesday, 14 December 2016, Mundon Victory Hall, 9.30 for 10.00am

16. CLOSE

2808 Chairman closed the meeting at 12.45.

Append: current Resource Profile from Mr Raish