



Sizewell A & B Stakeholder Group Meeting

Venue: Sizewell Sports & Social Club, King Georges Avenue, Leiston IP16 4JX

Wednesday 17th January 2024

09:00 registration meeting starts 09:30

AGENDA

1. **Welcome** - Apologies for absence and declarations of interest.
2. **Matters arising and questions from minutes and action tracker:**
 - Minutes and actions of meeting held on 1st November 2023
 - Other matters or correspondence received.
3. **Sizewell A Reports**
 - Sohail Ashraf (Site Director, NRS) & NRS Corporate Update
 - Andrew Bull (Site Inspector, Office for Nuclear Regulation)
 - James Heavingham (Environment Agency)
4. **Sizewell B Reports**
 - Robert Gunn (Station Director, EDF)
 - Daniel Gregory (Site Inspector, Office for Nuclear Regulation)
 - Alex Lord (Environment Agency)
5. **Review NDA Reports**
 - Draft Business plan 2024 -2027
 - NDA Social Impact and community strategy
 - Re classification of waste.
6. **Chair & Vice-Chair Report**
 - Proposal for subgroup meeting
7. **Any other business**

Date of next meeting: Wednesday 22nd May 2024 & Wednesday 18th September 2024.

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**MINUTES OF THE MEETING & AGM OF THE
SIZEWELL A & B STAKEHOLDER GROUP (SSG)
HELD AT SIZEWELL SPORTS & SOCIAL CLUB
WEDNESDAY 1 NOVEMBER 2023**

Attendance

Members

Marianne Fellowes MBE
Pete Wilkinson
Trevor Branton
Joan Girling
Cllr Nicky Corbett
Cllr Lesley Hill
Pat Hogan
Cllr Tom Daly
Cllr Russ Rainger
Cllr Sarah Whitelock
Cllr Ali Lumpkin
Janet Fendley

Independent Chair
Vice Chair
Co-Opted Member
Co-Opted Member
Leiston Town Council
Leiston Town Council
Sizewell Residents Association
East Suffolk Council Ward member & Portfolio Holder
Snape Parish Council
East Suffolk Council Ward member
Aldeburgh Town Council
Friends of the Earth

Operators and Officers

Sohail Ashraf
Liz Casey
John Carey
Robert Gunn
Bill Hamilton
Joss Mullett
Sgt Rebecca O'Neill
Sgt Liz Casey
Richard Parlone
Cath Pritchard
Niki Rousseau
Sean Verrall
Geoffrey Dore

Site Director, Sizewell A
Police Inspector, Suffolk constabulary
NRS Staff representative
Station Director, Sizewell B
NRS Communications & Stakeholder engagement
Communities Officer, East Suffolk Council
Suffolk Constabulary Neighbourhood Police
Suffolk Constabulary Neighbourhood Police
EDF Staff representative
NRS and SSG Secretariate
Community Liaison Officer, EDF
Plant Manager, Sizewell B
Minute Taker

Members of the public

Mike Taylor
Jancy Blanckflower

Apologies

Andrew Bull
Daniel Gregory
James Heavingham
Cllr TJ Howarth-Culf
Alex Lord
John McNamara
Simon Napper

ONR Inspector, SZA
ONR Inspector, SZB
Environment Agency SZA
Suffolk County Council Ward member
Environment Agency SZB
NDA
NDA

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1. INTRODUCTION & APOLOGIES FOR ABSENCE AND DECLARATIONS OF INTEREST

4886 Marianne Fellowes welcomed the group to the meeting and reminded the attendees of the housekeeping rules. Emergency actions and Housekeeping were explained.

Apologies for absence were received as listed. There were no new declarations of interest.

2. CALL FOR ANY LATE NOMINATIONS

4887 There were no late nominations for the roles of Chair and Vice Chair. Consequently, it was confirmed that item 10 on the agenda would not take place and that Marianne Fellowes and Pete Wilkinson were confirmed in their respective roles as Chair and Vice Chair.

3. SIZEWELL B REPORTS

4888 A. Robert Gunn (Station Director, EDF)

Robert Gunn reported that the SZB power station had operated at full capacity for the period. There had been no significant safety events.

SZB would be brought offline on 6 October 2024 to commence its planned refuelling and maintenance outage. The World Association of Nuclear Operators (WANO) had undertaken a peer review of SZB during October 2023 and had provided positive feedback.

572 staff were currently on site. EDF was actively seeking to increase headcount in anticipation of the life extension programme and was fully committed to progressing the work required to extend SZB out to at least 2055. There was a fair probability that SZB would be taken beyond this. Should the programme commence, it was anticipated that between £700 million and £1 billion would be invested in the plant.

EDF was constructing new training and administration buildings, which were expected to be operational in 2024 and 2025 respectively. The outage store would be moved. Work is taking place with NRS/NDA to re-licence a part of SZA land, in preference to Pill Box Field land.

Permissions for the new land management facility had been approved. Niki Rousseau said it was expected that construction of the new land management facility would start in 2024 and be ready by the beginning of 2025.

Robert Gunn reported that SZB had hosted a successful Bring Your Child to Work Day on which approximately 100 children had visited the site. SZB had hosted 40 local school and college students to provide them with work experience. EDF remained extremely keen to attract the interest of young female students.

SZB had also initiated a Science in the Summer Holidays programme. Hundreds of children had visited SZB with their families during the summer holidays to take part in free science-themed activity fun days.

Work had been undertaken on the Warden's Trust approach road issue with potholes. EDF was also keen to support local industries with its Helping Hands programme.

Robert Gunn highlighted EDF's amenity and accessibility fund. £15,251 had been awarded to 10 projects in the last 12 months. An annual grants scheme had awarded £300,000 in grants over the last decade. EDF was keen to receive applications from local organisations.

Janet Fendley asked where the summer holidays events had been advertised. Robert Gunn responded that many of the events had been included in the newsletter. Niki Rousseau added that the activity days in the visitor's centre were shared with schools and the Facebook Leiston Chit Chat page.

Cllr Tom Daly referred to the refuelling (outage for 60 days) and asked what this meant in relation to generating waste. Robert Gunn responded that SZB had a dry fuel store on site.

Cllr Tom Daly asked how long the dry fuel store would remain on site. Robert Gunn explained the government's plan for an underground repository. It was expected that there would be a safety case of 100 years.

Cllr Tom Daly referred to the life extension of SZB to 2055. He assumed that the commercial element would be the same as SZC. Robert Gunn said this was a work in progress.

Joan Girling requested a breakdown of the additional workforce that would be on site during the outage in 2024. Robert Gunn said there would be 1,300 people on site during the day. Joan Girling requested that EDF attempt to minimise the number of cars on the road. Robert Gunn agreed to review this.

ACTION: a) EDF to review minimising traffic during the outage work in 2024.

Pete Wilkinson referred to the school visits and asked if it would be more equitable for pupils if EDF were to initiate school debates. Robert Gunn replied that he had no issue initiating a debate. Niki Rousseau added that EDF had sat on debate panels, and children who had been not so supportive of nuclear power had asked questions.

Marianne Fellowes noted that the outage was back up to full power and queried the current output to the national grid. Robert Gunn responded that it was 1,200 megawatts, which was also maximum capacity. Marianne Fellowes noted that it had been announced that SZC would be providing electricity for the SZC desalination plant. She asked how this would impact the outage that SZB would provide to the national grid. Robert Gunn said he expected the impact to be between 1% and 2%.

Marianne Fellowes asked if the SZC desalination plant would need to be situated close to SZB. Robert Gunn responded that he did not have this detail.

Marianne Fellowes asked if SZB continued to stock Russian uranium. Robert Gunn explained that SZB was part of the overall EDF fuel contract and obtained its fuel through Germany, some of which was still sourced from Russian fuel. SZB was working itself through this stock and aimed to move away from Russian fuel as soon as was practical.

Mike Taylor highlighted that there were flooding problems along the B1119 by Saxmundham Road. Due to this being one of SZB's emergency planning routes, he asked if EDF could request that Suffolk County Council help with flooding in this area. Robert Gunn responded that EDF could review contacting Suffolk County Council. Cllr Sarah Whitelock said Suffolk County Council had stated that it aimed to address recent flooding. Members felt this should be prioritized due to emergency plans.

ACTION: b) Contact Suffolk County Council to report the flooding area on the B1119 by Saxmundham Road.

4889

B. Daniel Gregory (Site Inspector, Office for Nuclear Regulation)

It was noted that Daniel Gregory had offered his apologies.

4890

C. Alex Lord (Environment Agency)

It was noted that Alex Lord had offered his apologies.

Mike Taylor highlighted SZC's use of SZB's water effluence for its water strategy. It had been suggested that the SZC project would reuse water at various points. He was unsure of SZB's involvement in the process or if it had even started. Marianne Fellowes said she understood that the strategy had been agreed in principle but had yet to be permitted by the regulator.

Action: Niki Rousseau agreed to circulate Mike Taylor's query to the information office.

4. SIZEWELL A REPORTS

4891

A. Sohail Ashraf (Site Director, NRS)

Sohail Ashraf stated that, as of 31 October, Magnox had rebranded as Nuclear Restoration Services (NRS).

Safety, Compliance and Environment

Sohail Ashraf reported that there had been five minor injuries on site and no security incidents. An ONR fire audit had obtained a green rating.

Regarding the turbine hall demolition, a scoping report had been submitted to the local planning authority. The bat box installation continued. There had been successful peregrine breeding.

The EHSS&Q team had attended a team build event at the Wardens Trust, which had been extremely positive. There had been a reduction in conventional waste bins around the site and an estimated reduction in 2,800 single use plastic bags per month.

The NDA sustainability week had taken place from 11 to 15 September. A total of £276 worth of products had been sold.

Residual asbestos strip work continued in the turbine hall. De-plant activities had commenced inside the turbine hall at the end of June and were ongoing. Work would also commence to remove the transformers from the north of the turbine hall in November. The electrical annexe had been de-planted. The lifting beam had been re-tested and returned to site. The legacy scaffold removal work continued, with work currently taking place on lift seven of 14.

Sohail Ashraf referred to the 2023/24 asset and infrastructure care projects. The ex-ponds scaffold container had been moved from its elevated position. The flooring had been removed, and the remaining structure would undergo a size reduction to facilitate disposal as waste. The asbestos remediation continued. SZA continued to improve the reactor's building main water. The first two of three phases of modifications to the main and auxiliary water supplies within the reactor building had been completed. It was anticipated that the final package would be completed in the current financial year. Improvements had been made to the car park. Regarding the importing of SZA's ILW packages to Bradwell, SZA had submitted a further planning application to extend the deadline from December 2023 to 2029.

Recruitment

Sohail Ashraf highlighted that significant recruitment had occurred within the last four months.

Funding

Funding for SZA soc-ec remained at £1,020,035 annually. As of 11 October, £948,335 had been allocated. £29,215 of funding remained for the current financial period, in addition to £43,326 Good Neighbour allocation across the 12 sites. There had been four successful funding requests for SZA, totalling £56,020. SZA had donated £1,120 to Leiston Primary School for the purchase of two interactive whiteboards. £1,000 had been donated to Kesgrave Kestrels FC's U16 team for new kit. £22,500 in revenue funding continued to be donated to the Saxmundham Art Station, as well as funding towards the Leiston Long Shop Museum.

Sohail Ashraf noted that there had been an NDA socio-economic strategy refresh for 2023/24. Over the coming months, the NDA would engage with stakeholders across the UK to understand their social and economic priorities so that the NDA could align to these.

Pete Wilkinson asked Sohail Ashraf to explain his vision of a decommission site for SZA and how this vision was impacted by the Department for Energy Security and Net Zero's proposal to re-categorise waste. Sohail Ashraf responded that the strategy would always evolve based on current knowledge and information. His view of SZA remained unchanged. SZA would continue to move through to care and maintenance.

Pete Wilkinson said the current bill being reviewed for all radioactive waste management was increasing in cost. The demand to drive down the cost of radioactive waste management was

filtering through to the local level and would have several implications. Honesty and frankness were necessary. Sohail Ashraf agreed to take this away.

ACTION: Sohail Ashraf to obtain an awareness of NDA's vision for SZA following the Department for Energy Security and Net Zero's proposal to re-categorise waste.

Marianne Fellowes stated that the local community wanted to be involved in shaping plans for the site and for nothing to occur on site that prevented future use. Sohail Ashraf said he expected the NDA to continue to consult on such matters.

Joan Girling asked who owned and was responsible for SZA's sewage works. She also asked if there was a plan to upgrade the sewage works. Sean Verrall confirmed that the sewage works belonged to SZB. SZB contracted with SZA for the management and maintenance of the sewage works, which was used as a joint facility. Sohail Ashraf said that, while there had been several upgrades to the sewage works as part of the asset care, there were no plans to increase its capacity. There were also no plans to associate the SZC site with the sewage works.

Marianne Fellowes announced that this would be Sohail Ashraf's last SSG meeting. The attendees thanked Sohail Ashraf for his work as part of the SSG and wished him well in his new appointment.

4892 **B. Andrew Bull (Site Inspector, Office for Nuclear Regulation)**

It was noted that Andrew Bull had offered his apologies. Attendees were encouraged to submit any questions to be presented to the ONR.

4893 **C. James Heavingham (Environment Agency)**

It was noted that James Heavingham had offered his apologies due to weather. A virtual EA meeting was scheduled for 7 November, and attendees were encouraged to submit any questions to be presented to the ONR.

5. NRS CORPORATE UPDATE

4894 **A. Bill Hamilton (NRS)**

Bill Hamilton explained that Magnox was rebranding to NRS following its merger with Dounreay Site Restoration Ltd. Thinks Insight & Strategy had undertaken a programme of work identifying individuals who lived 20 miles within NRS sites. 50% of the individuals were between the ages of 11-18. These individuals had been asked what they thought the site meant for the future of their community. There had then been a working group of young people and a working group of adults. NRS would then commission a wider polling exercise through BritainThinks. The final data would be shared with the SSG. The Chair and Vice Chair would be provided with early visibility of the work during NRS meeting on 23 November.

John McNamara, Head of Stakeholder Relations at NDA, had been seconded to Great British Nuclear for six-months. Sam Harris had temporarily assumed management of John McNamara's work. Simon Napper, who had been seconded into NDA, had returned to NWS.

Mike Taylor asked who would ensure that EDF Energy Holdings invested a significant amount of the decommissioning money into the Nuclear Liabilities Fund to fund the ongoing AGR decommissioning. Marianne Fellowes explained that she had been informed by NDA that EDF would use funding from NLF to cover costs of removing fuel, then whatever balance remained in the Nuclear Liabilities Fund would have to be supplemented by tax payers for NRS decommissioning actions. Pete Wilkinson requested that he, Marianne Fellowes and SSG stakeholders be kept abreast of any developments regarding who would fund the storage of the AGR fuel. Bill Hamilton agreed to confirm this information.

ACTION: NDA and/or NRS to be asked to confirm funding agreement with EDF for AGR decommissioning and fuel storage.

6. NDA REPORTS

4895

A. Simon Napper (NDA)

It was noted that Simon Napper had offered his apologies.

7. MATTERS ARISING AND QUESTIONS FROM MINUTES AND ACTION TRACKER

4896

It was noted that the action tracker had not been downloaded to the projector or provided in the printed pack. To be reviewed via email between meetings..

8. CHAIR & VICE CHAIR REPORT

4897

Marianne Fellowes circulated a physical copy of the Chair and Vice Chair Report to the attendees. It was noted that Chair and Vice Chair had:

- Attended the Sizewell Emergency Planning Consultative Committee to observe.
- Met with other Chairs and Vice Chairs of NRS Sites, Sellafield & Dounray. Marianne Fellowes had also been elected as the Vice Chair of the national group;
- Met with the Nuclear Decommissioning Authority;
- Met with NRS.
- A special subgroup meeting on Emergency Planning had also been facilitated. There was an intention to hold additional subgroup meetings.

Marianne Fellowes reported that she and Pete Wilkinson had also attended on-site meetings with the SZA and SZB site managers and directors and the ONR inspector for SZB to discuss matters of interests and concerns. Two site visits had been made to SZA in 2022. Chair and Vice Chair had also met regularly with the secretariat. Marianne Fellowes thanked Cath Pritchard and Jessica Dawson for their work and support.

9. REVIEW OF CONSTITUTION

4898

Marianne Fellowes presented the constitution. Membership would consist of elected representatives within the local authorities, SZA/SZB site staff and local politicians, local community groups with an interest in the SZA and SZB sites and co-opted members. The purpose of the SSG would remain unchanged.

Marianne Fellowes clarified that, although elected representatives were listed by name of organisation, a name would not be included as it was the organisation not the individual who was being represented. Marianne Fellowes proposed an annex that would record the names of current representatives.

Marianne Fellowes highlighted paragraph 2.3. The constitution would be updated to include Together Against Sizewell C (TASC) as a properly constituted organisation that represented local people who had applied as per the Constitution for membership.

Marianne Fellowes referred to paragraph 2.4. A maximum of 10 co-opted members could be added into the SSG. The co-opted members were not permitted to send a substitute member. If a co-opted member wished to send a substitute, should it be unable to attend an SSG meeting, it would need to apply as a group or organisation to be added to the list of properly constituted organisations that represented local people.

Joan Girling requested that co-opted members be named. Marianne Fellowes stated that an appendix would list the current elected representatives and co-opted members.

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Joan Girling suggested that the constitution clearly state that co-opted members were permitted to vote. Marianne Fellowes proposed that paragraph 2.4 include the sentence, 'Co-opted members have the same voting rights as Members.'

Robert Gunn queried the relevance of TASC being listed as a properly constituted organisation that represented local people, as the constitution was concerned with SZA and SZB. Marianne Fellowes responded that members of the TASC group has attended many previous meetings as members of the public to receive information and ask questions about SZA and SZB matters. They have an interest in SZA and SZB and represent local people. Sohail Ashraf said NRS could only answer questions in relation to SZA and SZB.

Cllr Lesley Hill referred to paragraph 2.2 and noted that the reference to Suffolk Coastal District Council needed to be changed to East Suffolk Council. She also proposed that paragraph 2.3 list 'Representation from Leiston businesses' rather than 'Leiston Business Association.'

Trevor Branton highlighted paragraph 2.4 and the sentence 'If there are more than 10 applications for co-option, then an election will be conducted.' It was possible that the sentence could work against the spirit of co-opted members. He proposed that, in the event of there being more than 10 applications for co-option, the number be reviewed based on demand. This was agreed.

Marianne Fellowes outlined the following areas:

- Duties of members
- Duties of Chair and Deputy chair
- Full meetings
- Subgroup & working party meetings
- Conduct of business
- Review

Sohail Ashraf said he was unsure that the properly constituted organisations accurately represented the wider community. Marianne Fellowes stated that it could also be assumed that elected representatives represented their entire parish or town. She was also of the view that the SSG should aim to contact additional groups that were historically hard to reach to increase representation.

Bill Hamilton said the NDA would need to review the new constitution, should it be accepted. Marianne Fellowes replied that, having reviewed the NDA guidance, she was happy that the SSG was operating within the NDA guidance and was independent of the industry.

Sohail Ashraf requested that all references to Magnox within the constitution be changed to NRS.

The proposed amendments to the constitution were approved.

Marianne Fellowes invited all attendees to express any interests to be co-opted onto the SSG. There were no expressions of interest. Members were encouraged to raise awareness with others about the SSG and its work.

10. ELECTION OF CHAIR AND VICE CHAIR

4899 It was noted with no other nominations that Marianne Fellowes and Pete Wilkinson's nominations as Chair and Vice Chair was accepted.

11. ANY OTHER BUSINESS

4900 Marianne Fellowes thanked all present for their attendance. There being no further business, the meeting was closed.

Next Meeting dates: Wednesday 17 January, Wednesday 22 May and Wednesday 18 September 2024.

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Ref #	Brief description	Who	Update/comments and suggested STATUS
4611	RIMNET data at individual collection sites to be circulated to enable understanding.	EA	Information is published. EA requested to assist in obtaining local data per site. Radioactive Incident Monitoring data now called Radiological Response & Emergency Management System (RREMS). Network of gamma dose rate monitoring sites reported quarterly by coordinates, so not easy for members of the public to understand. Ambient gamma radiation dose rates across the UK - GOV.UK (www.gov.uk)
4833 12/10/23	Request for Sohail to update on the new campaign for wet ILW.	SA SZA and JR ONR	Sohail Ashraf to update on the wet ILW campaign Will ask the programme team to attend an SSG later in the year, or early next year. - OPEN
4835	Request for update on water and sewage output	Peter Reynolds EA	Answer questions regarding water and sewage output. Chair to check with stakeholders regarding outstanding questions OPEN
4848 (c) 15/03/23	Additional information requested on the concentration levels in the disinfectant incident and worst-case scenario if not detected.	EA for SZB	Alex Lord to provide - OPEN
4860 (a)	Subgroup to be held to review Gov consultation on radioactive waste management.	SSG/NDA	Awaiting information on plans to reclassify waste streams. Has been replaced with GGR (new regulation levels) further information to be circulated by Chair/Secretariate and sub group meeting date agreed. OPEN
4873 (a) 29/06/23	Accredited disposal route for LLW from SZA?	Sohail Ashraf	Guy Esnouf noted the LLW deposit in Cumbria was the home for most of the national LLW, but the government was consulting on different ways of classifying waste. SA agreed to find out and confirm back for SZA LLW. OPEN
4873 (b)	Confirm the work to cap off the sewage and waste lines at the rigs.	Sohail Ashraf	Sohail Ashraf stated that to his knowledge those lines had been capped off, and he would come back with confirmation.

4873 (c)	Sohail Ashraf to explore the truth of a blog claiming hazards to health from dust and water	Sohail Ashraf	Noted that planned demolition was over a year away, and if suppression systems were needed then water testing would take place. Mike Taylor to provide content of blog to SA. OPEN
4875	EA to provide further information re: the frequency of discharge into the sea and the process for notification.	JH SZA EA	Radiological liquid waste collected into tanks at SZA, and when full it was sealed and tested prior to any release, information was requested on the frequency of discharge into the sea and the process for notification. OPEN
4878	RWM to confirm % of HLW area at GDF would be allocated for Spent fuel	RWM	Question to be forwarded for response. OPEN
4888 (a) 01/11/23	EDF to review minimising traffic during the SZB outage work in 2024.	EDF	Noted additional workforce on site during the outage in 2024. Robert Gunn said there would be 1,300 people on site during the day. Agreed to consider options and to report back. OPEN
4888(b)	Contact Suffolk County Council to report the flooding area on the B1119 by Saxmundham Road.	EDF SZB	As part of Emergency planning and next Sizewell Emergency Planning Consultative Committee (SEPCC) meeting. OPEN
4890	Information requested on SZC proposal to use SZB water effluence for its water strategy	Nikki Rousseau	SZB EDF NR agreed to forward question to the SZC Office and report back. OPEN
4891	Confirmation requested of NDA vision for SZA end state following the Department for Energy Security and Net Zero (DESNZ) proposal to re-categorise waste	Sohail Ashraf	NDA draft business plan now published and as of 04/12 open for consultation. OPEN
4894	NDA and/or NRS to be asked to confirm funding agreement with EDF for AGR decommissioning and fuel storage.	BH/NRS and NDA	Project Ruby is the agreement with UK Gov and EDF to share costs of decommissioning. Further information requested as national Chairs meeting with NRS Board members. OPEN

OUTSTANDING ACTIONS FOR PROGRESSION WITH REGULATORS/OTHERS

Ref #	Brief description	Who	Update/comments and suggested STATUS
4610	Report sent to SA to be forwarded to PHE to comment re: impact of low level radiation on public health	Chair and PHE	Public Health England was replaced by UK Health Security Agency and Office for Health Improvement and Disparities. East of England regional contact identified, awaiting reply to questions.
4657	Taishan – damage to fuel rods, EDF requested to circulate report when received. (New concerns reported 06/12/23)	Robert Gunn EDF	We have no further information, when more information becomes available, we will share with the SSG
4847 (a) 15/03/23	DG to contact SZC colleagues regarding IRSN report & EPR to provide to Members.	DG ONR SZB	To be discussed with DG at Regulator update meeting
4848 (b)	PW to forward BMJ article on Low Level Radiation to EA Alex Lord, for EA comment	PW/EA and UKHSA	Provided. Awaiting comment from UK Health Security Agency.
4848 (d)	Request for update on desalination plant to be powered by SZB	EA for SZB/EDF	

CLOSED ACTIONS

Ref number	Brief description	Who responsible	Update/comments and suggested STATUS
4604 (3)	Are staff/contractors told about the Radiological Disease compensation scheme?	SA and RG	Yes, on the internet and also promoted by Magnox and Trade Unions. CLOSED
4604 (4)	What is SZA annual budget?	SA	NDA produce annual accounts, projects not necessarily site specific spend. See link on attached document. We can request more information on specific elements if required – Information available through the annual accounts provided by the NDA CLOSED
4604 (5)	What is latest plan for Graphite core decommissioning?	SA	Using info from lead-and-learn site of Trawsfynydd. Shall we ask for a report? When there is more information available from the development and implementation of the Trawsfynydd strategy in future years, we will share this CLOSED
4662	Where was fuel rod manufactured that developed pin hole?	RG	We are unable to determine the source. It's either a BNFL or Siemens (Framatome) sourced assembly. CLOSED
4670	ISI for control rod mechanism and other questions – to be answered	RG	This has been answered comprehensively - responses provided to SSG in 2022 as per attached - CLOSED
4671	What public consultation on revised REPPiR emergency planning requirements?	RG	The extraordinary SSG meeting has taken place where Neal Evans came along to outline the off-site plan - CLOSED
4672 (ii)	Would SZB work with SCC Highways regarding speed limit on Lovers Lane	RG	This is a matter for Leiston Town Council to pursue with the Highway Authority (SCC). LTC reps on SSG could request LTC to consider. CLOSED
4673	Prof Henderson report (small fish in cold water system) – comments needed from EA and SZB	CW to provide, AL & RG to respond	Report and question forwarded to EDF and EA for comment. See Response to 4749 CLOSED

4776	SZB to confirm date of next fuel (full or partial) cycle.	Sean Verrall & Richard Parlone	Refuelling Outage 19 is planned to take place in October 2024. CLOSED
4777	Check whether EDF was contributing to the NLF.	Sean Verrall	EDF has been contributing to the Nuclear Liabilities fund – please see attached report. CLOSED
4846 (a)	Confirmation of future of DSL building and if this could be made available for community use.	SZB	District Survey Lab is on land owned and managed by EDF Energy Nuclear Generation Ltd. The building houses telecommunications systems that are still required for the foreseeable future. CLOSE
4846 (b)	Request for map of EDF estate, boundaries and indication of relocated facilities	SZB	Relocated Facilities maps provided. Upper Abbey Farm is not included. CLOSE
4846 (c)	Update on the Freedom Group maintenance plan for land	SZB	EDF's Land & Biodiversity Management Team, supported by Freedom Group, are responsible for managing the Sizewell B estate and SSSI. Freedom Group have been working with EDF fleet-wide, delivering 'environmental land management' since 2014. CLOSE
4846 (d)	RG to circulate weld inspection report to Members	SZB	SZBs last outage included a number of inspections: Stress Corrosion Cracking inspections; these are ultrasonic inspections of over 20 locations around the reactor coolant system to determine whether the phenomena experienced on some French reactors was relevant to Sizewell B. Structural Weld overlay; this involved a number of ultrasonic inspections of areas of pipework that had been subject to pre-emptive weld overlay, to demonstrate the quality of the welds. Follow-on inspections of the Thermal Sleeves that were replaced in the previous outage. In total around 500 inspections, ranging from visual, ultrasonic, eddy current, magnetic particle, dye-penetrant and radiographic

			inspections were conducted in the outage. All work was conducted by experienced and qualified inspectors. All inspection results were satisfactory and supported the return to service of the reactor for a further cycle of operation. The results were reported off-site to the ONR as part of our Safety Case to operate the plant for the next cycle, and ONR subsequently issued their formal consent to start-up based on their assessment of this case. CLOSE
4846 (e)	Update on health and management of seals, and actions to prevent reoccurrence	SZB	Two seals were released, one remains. Animal welfare agencies have advised regarding management. During outage drivers inspected but no obvious holes or reason could be found. CLOSE
4846 (f)	Confirmation of roof design for new response centre (green?)	SZB	Yes, sedum roof – see Sizewell B report. CLOSE
4846 (h)	Chair to enquire of ESC regarding planning permission for soil heap area and lighting plan	SSG	Is included within DCO for SZC. ESC monitor. CLOSE
4846 (i)	Request for SZC to attend and update on relevant matters	ALL	EDF SZC has refused to attend. SZC Forum is currently not meeting. Visit Office in Leiston or telephone any questions. CLOSED transferred to SZC Forum
4624	SZA land NDA to provide lease & freehold docs prior to meetings with Land team	J McN/NDA Land team	Presentations made at meetings in 2022 and 2023. Update June 2023 - Relicensing is progressing to enable land transfer. CLOSE
4749	Clarification required - SZB regulators to respond in relation to fish monitoring requirements.	Peter Reynolds	The Environment Agency does not regulate the intake, but rather the discharge. Sizewell B is not required by its environmental permits to carry out ongoing monitoring of fish impingement or entrainment. EA do not undertake ongoing monitoring of fish

			impingement or entrainment, but the determination of permits and the DCO require assessment under the Habitats Regulations – as is being done for the prospective Sizewell C site. Information on fish impingement and entrainment at Sizewell B was collected by CEFAS on behalf of Sizewell C. CLOSE
4806	Investigate alternatives to plastic barriers	SA	SZA sustainability team are looking at other options to the plastic barriers with respect to the future. As other projects come into flight, the sustainability team will be liaised with in advance. CLOSE
4810	Request for presentation of the Turbine Hall demolition from Sohail.	SA	Presentation and Q&As sent and circulated. Team attended SSG meeting to present on progress. CLOSE for now and reopen when next milestones are approached.
4821	Request to arrange attendance at SSG/presentation by Nuclear Waste Services on the GDF and waste disposal	John McNamara	Guy Esnouf, the Director of Communications for NWS attended and presented at June 2023 meeting. CLOSE
4681	Near shore surveys and update by EDF Energy & attendance requested re: SZC overlap issues	Secretariat to invite	Request sent to EDF who declined to attend. CLOSED to be forwarded to SZC Forum.
4737	Clarification required on planning for SZB relocation facilities	Carolyn Barnes	EDF provided formal notice they were switching to the second relocated facilities consent (DC/20/4646/FUL) in July 2022, they will be implementing the second consent. EDF's letter of notification is on Public Access under DC/20/4646/FUL. A. There are currently two applications in relating to the Sizewell B relocated facilities application; reserved matters for the welfare and admin buildings (DC/22/2823/ARM) and a discharge of condition application (DC/22/2822/DRC) – both of which relate to the second relocated facilities application, the one EDF will be implementing. EDF are still awaiting a reserved matters application for the visitor centre, submission date not known. We currently have an application in for discharge of condition 12 in

			relation to landscaping to the west of the Western Access Road, which will likely be positively determined in the next few weeks (DC/22/5001/DRC – can be viewed on Public Access). EDF are progressing the second relocated facilities application (DC/20/4646/FUL) following notification of the switch from the first permission to the second permission in summer 2022. CLOSED
4846 (g)	Request to monitor and report back on additional light pollution – including from car park	SZB and Naomi Gould ES Planning Team	Request that anyone with future concerns documents and reports these. CLOSED
4848 (a)	Chair to send instructions on how to join EA stakeholder list to Members	SSG	Information provided to join EA stakeholder list for updates and to attend webinar. CLOSED
4857 (a)	Video of Bradwell site, how it managed its risk, requested.	SA	Will be provided at future SSG meeting. CLOSED
4861 (a)	Request for update on fish management at SZB and proposals for SZC	EDF SZB and SZC	Information provided by SZB. Transferred to SZC Forum. CLOSED
4868 (a)	SN to provide presentation and response regarding Magnox SZA residual waste stored at Sellafield at next meeting	SN/RWM	Presentation provided. Residual waste was stored after reprocessing ceased. CLOSED
4876	Chair/Secretariate to recirculate the answer on EDF's contribution to the nuclear liability fund	MF	Provided. CLOSED



Office for
Nuclear Regulation

ONR Site Report

Magnox Ltd – Sizewell A

ONR Site Report

Magnox Ltd - Sizewell A

Report for period: 1 July – 30 September 2023

Authored by: ONR Nominated Site Inspector

Approved by: ONR Superintending Inspector – SDFW Division

Issue No.: 1

Publication Date: Oct-23

ONR Record Ref. No.: 2023/52342

Foreword

This report is issued as part of ONR's commitment to make information about inspection and regulatory activities relating to the above site available to the public. Reports are distributed to members for the Sizewell Stakeholder Group and are also available on the ONR website (<http://www.onr.org.uk/lrc/>).

Site inspectors from ONR usually attend Sizewell Stakeholder Group meetings where these reports are presented and will respond to any questions raised there. Any person wishing to inquire about matters covered by this report should contact ONR.

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1. Inspections

1.1. Date(s) of Inspection

An inspection was carried out between 18 and 19 July 2023.

2. Routine Matters

2.1. Inspections

Inspections are undertaken as part of the process for monitoring compliance with:

- the conditions attached by ONR to the nuclear site licence granted under the Nuclear Installations Act 1965 (NIA65) (as amended);
- the Energy Act 2013
- the Health and Safety at Work etc Act 1974 (HSWA74); and
- regulations made under HSWA74, for example the Ionising Radiations Regulations 2017 (IRR17) and the Management of Health and Safety at Work Regulations 1999 (MHSWR99).

The inspections entail monitoring the licensee's actions on the site in relation to incidents, operations, maintenance, projects, modifications, safety case changes and any other matters that may affect safety. The licensee is required to make and implement adequate arrangements under the conditions attached to the licence in order to ensure legal compliance. Inspections seek to judge both the adequacy of these arrangements and their implementation.

In this period, routine inspections of Sizewell A covered the following:

- Life Fire Safety

This inspection, which was rated “green” under the ONR Inspection Rating Guide, sought information regarding compliance against the Fire Safety Order 2005 and its associated regulations. The inspection concluded that adequate levels of fire safety management were demonstrated, and that the arrangements made under the Fire Safety Order were adequate.

Members of the public, who would like further information on ONR's inspection activities during the reporting period, can view site Intervention Reports at www.onr.org.uk/intervention-records on our website www.onr.org.uk.

Should you have any queries regarding our inspection activities, please email contact@onr.gov.uk.

2.2. Other Work

The site inspector attended site to meet with various members of the site team and to receive updates on various projects.

3. Non-Routine Matters

Licensees are required to have arrangements to respond to non-routine matters and events. ONR inspectors judge the adequacy of the licensee's response, including actions taken to implement any necessary improvements.

There were no such matters or events of significance during the period.

4. Regulatory Activity

ONR may issue formal documents to ensure compliance with regulatory requirements. Under nuclear site licence conditions, ONR issues regulatory documents, which either permit an activity or require some form of action to be taken; these are usually collectively termed 'Licence Instruments' (LIs) but can take other forms. In addition, inspectors may take a range of enforcement actions, to include issuing an Enforcement Notice.

- No LIs, Enforcement Notices or Enforcement letters were issued during this period.

5. News from ONR

For the latest news and information from ONR, please read and subscribe to our regular email newsletter 'ONR News' at www.onr.org.uk/onrnews.

6. Contacts

Office for Nuclear Regulation
Redgrave Court
Merton Road
Bootle
Merseyside
L20 7HS
website: www.onr.org.uk
email: Contact@onr.gov.uk

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Sizewell Sites Stakeholder Group Report

This report covers the Environment Agency's regulation of Sizewell A & Sizewell B nuclear sites and related issues for the period September 2023 to January 2024.

Our Regulation

We regulate radioactive waste disposals and discharges to the environment. We do this by placing limits and conditions in environmental permits, which helps us to ensure that radioactive waste discharges are minimised, and that the environment is protected. We carry out a variety of regulatory activities to check for compliance with our regulatory requirements, including site inspection, review of documents and arrangements and any reports of events.

Details of our assessments and any non-compliances identified are included in Radioactive Substances Compliance Assessment Reports (RASCARs), which are placed on our public register. See the 'further information' section at the end of this document to find out how to request documents from our public register.

We regulate and control other activities through our environmental permits, including surface water discharges to surrounding water bodies and emissions to air from emergency diesel generators. We are also the joint competent authority, alongside the Office for Nuclear Regulation (ONR), for the Control of Major Accident Hazard (COMAH) regulations that apply to Sizewell B.

Information on environmental permits and our regulation of the Sizewell sites can be found at: <https://www.gov.uk/guidance/sizewell-nuclear-regulation>

Site regulation

Sizewell A

We continue to hold monthly remote meetings with Nuclear Restoration Services (NRS - formerly known as Magnox) to discuss work taking place on site that could have an environmental impact, and we review quarterly discharge and environmental monitoring returns.

In September 2023 we carried out an inspection of the management of both radioactive and non-radioactive solid wastes produced at Sizewell A. This included reviewing the plans for the management of the non-radioactive waste that will be generated by the demolition of the Turbine Hall. We found there is a robust system in place that clearly links the corporate waste management strategy and standards to the more practical Local Instructions used at site level. We encouraged NRS to seek advice from the Environment Agency regarding opportunities to reuse or recycle non-radioactive demolition waste from the Turbine Hall.

In December 2023 we completed an inspection of the arrangements for managing site drainage and drainage related assets. This also included a review of credible fire risk scenarios identified within the management system and the measures in place to prevent contaminated firewater run-off entering the site drainage and causing pollution off site. We found that NRS were aware of the risk of firewater run-off and it was included in the

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floodline **03459 88 11 88**

incident hotline **0800 80 70 60**

Page 1 of 5

scenario for a recent on-site emergency exercise. NRS's focus is primarily on incident prevention and prompt incident response with 80 members of staff trained to deploy spill mitigation equipment and drain covers in the event of an incident. The drainage plans were comprehensive, but we recommended that NRS complete a full site drainage survey as it was last done in 2013.

No non-compliances were identified during these inspections, but we made several recommendations. There were no reportable environmental events in the period.

Sizewell B

Alongside our inspection programme, we have maintained bi-weekly telephone and regular email contact with EDF, and routine review of returns.

In September 2023 we carried out an inspection of operational instruction and control. The instructions reviewed were clear and methodical, and included governance and approval steps. Operational staff demonstrated a good level of understanding when carrying out activities, and appropriate use of the operational instructions. We encouraged continued review of the 'level of use' of procedures, and the capture of any human factors learning from events.

In November 2023 we carried out an inspection of major projects at Sizewell B and EDF's 'intelligent customer' capability. The investment delivery function has moved from a corporate EDF function to site-based, improving communication and integration of project teams. A gated process captures key issues and permit compliance considerations. There are several major projects of significance to us being planned at Sizewell B - we will continue our engagements with EDF through the project planning phases.

No non-compliances were identified during the inspections, but we made several recommendations and observations. There were no reportable environmental events in the period.

Enforcement

Sizewell A

We have not taken any enforcement actions at Sizewell A in the period since the previous SSG meeting (1 November 2023). The operator has remained compliant with the requirements of their permits.

Sizewell B

As noted in previous SSG meetings, we have issued a Notice of Intent to impose a civil penalty to EDF for a December 2021 event involving a leak of fluorinated refrigerant gas (F-gas) from a chiller unit at Sizewell B. Our enforcement panel will meet to determine if and what penalty to apply.

Environmental Permitting

Sizewell A

There have been no changes to NRS's Sizewell A permits in the period since the previous SSG meeting. In January 2024, we are expecting a joint partial permit transfer application from NRS and EDF to transfer an area of land currently within the Sizewell A site boundary, known as the grid substation land, from NRS to EDF's Sizewell B permit.

Sizewell B

customer service line **03708 506 506**

incident hotline **0800 80 70 60**

floodline **03459 88 11 88**

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There have been no changes to EDF's Sizewell B permits in the period since the previous SSG meeting. The above joint partial permit transfer application will seek changes to the EDF permit boundary for Sizewell B.

Discharge Reports

The sites' environmental permits require the operators to use Best Available Techniques (BAT) to manage their operations so that wastes are minimised along with their impacts on the public and wider environment. Disposal of wastes – as solids, liquids, or gases – can only be made via permitted routes or by transfer to permitted sites.

NRS and EDF are required to report liquid and gaseous discharges to the environment to us on a regular basis. These reports are placed on the public register. We examine these reports and detail our assessment of their performance through RASCARs.

Sizewell A

At Sizewell A NRS are required to report liquid and gaseous discharges to the environment to us on a quarterly basis, within 30 days of the end of the quarter. A report received in October 2023, covering the reporting period July to September 2023 (inclusive) showed that all liquid and gaseous discharges from Sizewell A were at levels well within permitted limits. No discharges were made via the main radioactive liquid effluent route during the reporting period.

Low volumes of treated effluent were discharged from the sewage treatment plant, which serves both Sizewell A and Sizewell B sites. The plant is managed by NRS. Effluent is monitored at quarterly intervals for the presence of tritium or caesium-137. No radioactivity above limits of detection was reported in samples taken during the period covered in this report.

Gaseous discharges from Sizewell A are very low compared to when the site was operational (pre-2007). Gaseous discharges are fairly constant as the site's reactors are now “breathing” passively. This means there is no forced flow of air through the reactors and discharges follow a seasonal pattern across the year influenced by barometric pressure, and weather conditions.

Sizewell B

Liquid and gaseous discharges from Sizewell B have remained within permitted limits for the period July to October 2023 (inclusive), and returns were submitted to us within the required timescales. 12-month cumulative gaseous discharges of carbon-14 remained less than 58% of the annual limit, with other gaseous discharges less than 13% of respective annual limits. Liquid discharges were in-line with expected levels and remain less than 33% of the annual limit for tritium, and less than 9% for caesium-137 and other radionuclides.

Environmental Monitoring

We carry out sampling and analysis under our independent environmental monitoring programme, in association with the Food Standards Agency. The results of this work are published in our annual Radioactivity in Food and the Environment (RIFE) report. The Sizewell sites are considered together for the purposes of environmental monitoring.

The monitoring data for the calendar year 2022 was published in RIFE report 28 (RIFE 28) in November 2023, and can be found at:

<https://www.gov.uk/government/publications/radioactivity-in-food-and-the-environment-rife-reports>. For Sizewell, the total dose for the representative person was less than 0.005mSv in 2022, down from 0.016mSv in 2021, and less than 0.5% of the government derived limit to protect members of the public. Levels of radioactivity found in the environment remain low.

In parallel to this programme, the operators are required to carry out their own programme of environmental monitoring and to submit the results of this programme to us on a periodic basis. This is carried out jointly by NRS and EDF. In December 2023 we received the latest environmental monitoring report covering the period from July to September 2023 (inclusive). The results are consistent with our independent programme and do not indicate any other concerning results or trends. We make the information from both operator and our own environmental monitoring programmes available on our public register.

Sizewell C

In 2023 we issued new environmental permits to Sizewell C Ltd for a new nuclear power station to be built at Sizewell. More information can be found at:

<https://www.gov.uk/government/consultations/sizewell-c-environmental-permits-for-a-new-nuclear-power-station>.

Sizewell C Ltd is now talking to us regarding permits it requires to carry out the construction of Sizewell C. We held an Environment Agency 'meet the regulator' event on 7th November 2023 to discuss Sizewell C related issues with stakeholders. We plan to hold the next meeting in March 2024.

Read our Sizewell engagement plan and sign up to join our 'meet the regulator' meetings.

<https://www.gov.uk/government/publications/sizewell-c-engagement-plan/environment-agencys-engagement-plan-for-sizewell-cs-environmental-permits>.

Further Information

The Environment Agency's Nuclear Regulation Group (South) (NRG(S)) is responsible for the environmental regulation of radioactive waste disposals on or from nuclear licensed sites in southern England and Wales. We work closely with local Environment Agency teams as well as external bodies such as the Office for Nuclear Regulation.

The Environment Agency's Lead Regulators for Sizewell A and Sizewell B are James Heavingham and Alex Lord, respectively.

NRG(S) Address Environment Agency, Nuclear Regulation Group, Red Kite House, Howbery Park, Wallingford, Oxfordshire, OX10 8BD

Email nrg.south@environment-agency.gov.uk

Local Office Address Environment Agency, Icen House, Cobham Road, Ipswich, Suffolk, IP13 9JD

For regular updates on our work in regulating radioactive substances and nuclear sites visit our LinkedIn page:

<https://www.linkedin.com/showcase/regulating-radioactive-substances>

customer service line 03708 506 506

floodline 03459 88 11 88

incident hotline 0800 80 70 60

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A public register service is available on the GOV.UK website at:

<https://environment.data.gov.uk/public-register/view/index>

Alternatively you can request access to public documents directly by contacting the Customers and Engagement Team in the Wallingford office. Please email:

WTenquiries@environment-agency.gov.uk

Further information on how we regulate different types of nuclear sites, and protect people and the environment is available on the GOV.UK website at:

<https://www.gov.uk/guidance/nuclear-sites-environmental-regulation>

Our enforcement and sanctions policy is publicly available on the GOV.UK website at:

<https://www.gov.uk/government/publications/environment-agency-enforcement-and-sanctions-policy/environment-agency-enforcement-and-sanctions-policy>

Our public participation statement on when and how we consult on permit applications is available here:

<https://www.gov.uk/government/publications/environmental-permits-when-and-how-we-consult>

UK Health Security Agency has placed guidance on ionising radiation dose comparisons on the GOV.UK website at:

<https://www.gov.uk/government/publications/ionising-radiation-dose-comparisons>

Sizewell Stakeholder Group

Sizewell B report – January 2024

Sizewell B report – January 2024

1. Safety performance and staffing

Station Safety Performance

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 injury
- No nuclear reportable incidents
- No environmental incidents

Staffing at Sizewell B

We currently have **570** EDF staff this includes **17** Apprentices, **3** Industrial placements, **3** Technical Trainees and **11** Visitor Centre staff and **250** year round contracting partner's.

In 2024 Sizewell B plans to recruit **26** additional roles within Business, Engineering, Operations, Technical & Safety, Outage and HR, as well as **6** Engineering Maintenance Apprentices and **1** Chemistry Apprentice.

Long Term Operations programme

EDF is fully committed to progressing the work required to extend Sizewell B out to 2055. As well as finalising the technical case, we will be seeking greater cost certainty and confidence in the long term commercial case to enable a final investment decision.

To support this programme of work we will be increasing our headcount by 10% and work is progressing well with preparations and planning to date.

2. Station Performance - Operations

Sizewell B has operated at around full capacity during this period providing low carbon electricity to over two million homes.

Sizewell B hits low-carbon electricity milestone: The equivalent of taking every car off the road in the UK

Sizewell B hit a significant milestone in December, passing 250TWh of electricity generation since the station first became operational in 1995 - that's enough electricity to power every home in Suffolk for 192 years.

By reaching the low-carbon electricity milestone, it's estimated the power station has saved 87million tonnes of carbon dioxide from entering the atmosphere – the equivalent of keeping all cars in the UK off the road for over a year.

Robert Gunn, Sizewell B Station Director thanked the team at Sizewell B for all the work they do, especially those who worked over Christmas as we approached this landmark. The power station is a key national asset, making a significant contribution to Britain's energy security.

Sizewell B Refuelling Outage 2024

Sizewell B power station will be brought offline on 06 October 2024 to begin its nineteenth refuelling and maintenance outage, as planned.

During the outage period, which is expected to last 60 days, they will carry out over 14,000 separate pieces of work which have been carefully planned during the last two years.

3. Sizewell B and community news

Sizewell A and Sizewell B sign land deal for community benefit

Two power stations on the Suffolk coast have signed a land deal that will prevent development on a greenfield site in Sizewell.

Sizewell B is currently relocating some of its existing buildings to make way for the construction of Sizewell C. Whilst consulting with local communities on the project Sizewell B was asked to explore the use of land owned by the decommissioning power station next door, Sizewell A.

Both organisations were determined to reach an agreement to benefit the local community and have now entered a formal option for EDF to buy the land. The land owned by Nuclear Restoration Services, the organisation responsible for decommissioning Sizewell A, is no longer needed as the station is being taken down following decades of successful low carbon generation.

Securing land on the original Sizewell A complex means we no longer need to develop the greenfield land at the entrance to the Sizewell estate (Pillbox field).

Relocated facilities update

Work continues to progress well. Installation of the steelwork structure of the new training facility is complete, the program of works carried out by Norfolk based company Wall Engineering, working for Suffolk based Barnes construction. Work to complete the training building roof and the inner walls is now taking place and external cladding and glazing will continue into the new year.

Concrete foundation pours for the new administration building is complete and installation of the steel framework has commenced, due to complete early 2024.

Steelwork for the new outage store based within the Sizewell B site is complete and groundworks have commenced.

Testing of Sizewell B Emergency Arrangements

Sizewell B will be testing our emergency arrangements again throughout 2024.

During the tests of our emergency arrangements we will need to sound our internal sirens which you may hear, these are internal sirens for Sizewell B staff only and there is no need for you to take any action. There may also be increased visibility of the emergency services during this time. EDF's Emergency Response vehicles, held at the Emergency Response Centre in Leiston, may also be used during these times.

The exercises to test our emergency arrangements will be carried out on the following dates in 2024:-

- 08 April 2024
- 17 April 2024
- 24 April 2024
- 01 May 2024
- 08 May 2024
- 15 May 2024
- 12 June 2024
- 17 July 2024

Record number of visitors welcomed at Sizewell visitor centre

A record number of visitors came through the visitor centre door in 2023 as the team of station guides engaged with over 21,000 visitors, by either undertaking a tour of the power station or via our schools education outreach program and career events.

Since opening the visitor centre in December 2012 the station guides have engaged with over 108,000 visitors, that's interactions via either station tours or education outreach programs.

The Sizewell visitor centre is open to the public from 9am to 4.30pm Monday – Friday. To arrange a tour of the power station email Sizewellbtours@edf-energy.com

Contacts:

Marjorie Barnes, Head of Regional External Affairs
Tel: 07515295488, 01728 653378
Email: Marjorie.barnes@sizewellc.com

Niki Rousseau, Community Relations
Tel: 01728 653258
E-mail: niki.rousseau@edf-energy.com



Office for
Nuclear Regulation

ONR Site Report

EDF Energy – Sizewell B

ONR Site Report

EDF Energy - Sizewell B

Report for period: 1 July 2023 – 30 September 2023

Authored by: ONR Nominated Site Inspector

Approved by: ONR Head of Operating Reactors

Issue No.: 1

Publication Date: Jan-24

ONR Record Ref. No.: 2024/249

Foreword

This report is issued as part of ONR's commitment to make information about inspection and regulatory activities relating to the above site available to the public. Reports are distributed to members for the Sizewell SSG and are also available on the ONR website (<http://www.onr.org.uk/lrc/>).

Site inspectors from ONR usually attend Sizewell SSG meetings where these reports are presented and will respond to any questions raised there. Any person wishing to inquire about matters covered by this report should contact ONR.

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1. Inspections

1.1. Date(s) of Inspection

The ONR site inspector made inspections on the following dates during the report period 1 July – 30 September:

- 4 – 6 July;
- 25 – 26 July;
- 26 – 28 September.

2. Routine Matters

2.1. Inspections

Inspections are undertaken as part of the process for monitoring compliance with:

- The conditions attached by ONR to the nuclear site licence granted under the Nuclear Installations Act 1965 (NIA65) (as amended);
- The Energy Act 2013;
- The Health and Safety at Work etc Act 1974 (HSWA74);
- Regulations made under HSWA74, for example the Ionising Radiations Regulations 2017 (IRR17) and the Management of Health and Safety at Work Regulations 1999 (MHSWR99).

The inspections entail monitoring the licensee's actions on the site in relation to incidents, operations, maintenance, projects, modifications, safety case changes and any other matters that may affect safety. The licensee is required to make and implement adequate arrangements under the conditions attached to the licence in order to ensure legal compliance. Inspections seek to judge both the adequacy of these arrangements and their implementation.

In this period, routine inspections of Sizewell B covered the following:

- Staff training, qualifications and experience.

Staff training, qualifications and experience

The site inspector and a probabilistic safety assessment (PSA) specialist inspector carried out an intervention to consider the adequacy of training in a number of areas, including:

- Reactivity management.
- The site's PSA tool, RiskWatcher.
- Aging and obsolescence management and as-found condition recording.

By examining documentation and speaking to a variety of operators, maintenance personnel and nuclear safety group staff the inspectors determined that:

- Training needs associated with reactivity management (including the need for ongoing or refresher training) have been documented, and that post holders have received the relevant training and have any necessary follow-up training scheduled.

- Training needs associated with the use of RiskWatcher were well identified, and the relevant training delivered, for shift managers and control room supervisors, and for nuclear safety group users. However, the inspectors did observe some shortfalls in the definition and recording of training for reactor operators and work week managers. In practice, those individuals had received appropriate training but the process for delivering that training was not formalised. The site inspector raised a regulatory issue for the licensee to address this shortfall.
- Training for aging and obsolescence management and as-found condition recording has been developed and is being delivered to relevant engineering and maintenance staff across the site.

Extreme ambient temperature

In addition to the planned compliance inspection, ONR undertook an inspection to assess the adequacy of the site's arrangements for managing risks from extreme ambient temperature, evaluating (on a sample basis) whether the systems claimed in extreme ambient temperature safety cases at Sizewell B can deliver the safety functional requirements defined in the safety case.

By examining documentation and operating records, interviewing licensee staff and conducting a plant walkdown the inspection team concluded that the licensee:

- Is providing adequate training to its operators with respect to temperature forecasting arrangements and how to respond to future extreme ambient temperature events.
- Is managing the deployment of portable air conditioning units using an engineering change. This is judged a good practice.
- Has clearly defined limits and conditions of operation in the non-nuclear emergency handbook.
- Has operating instructions relevant to extreme ambient temperatures including for forecasting and to ensure compliance with the non-nuclear emergency handbook.
- Is adequately maintaining its plant claimed against extreme ambient temperatures.

3. Non-Routine Matters

Licensees are required to have arrangements to respond to non-routine matters and events. ONR inspectors judge the adequacy of the licensee's response, including actions taken to implement any necessary improvements.

There were no such matters or events of significance during the period.

4. Regulatory Activity

ONR may issue formal documents to ensure compliance with regulatory requirements. Under nuclear site licence conditions, ONR issues regulatory documents, which either permit an activity or require some form of action to be taken; these are usually collectively termed 'Licence Instruments' (LIs) but can take other forms. In addition, inspectors may take a range of enforcement actions, to include issuing an Enforcement Notice.

No LIs, Enforcement Notices or Enforcement letters were issued during this period.

5. News from ONR

For the latest news and information from ONR, please read and subscribe to our regular email newsletter 'ONR News' at www.onr.org.uk/onrnews.

6. Contacts

Office for Nuclear Regulation
Redgrave Court
Merton Road
Bootle
Merseyside
L20 7HS
website: www.onr.org.uk
email: Contact@onr.gov.uk

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Office for
Nuclear Regulation

ONR Site Report

EDF Energy – Sizewell B

ONR Site Report

EDF Energy - Sizewell B

Report for period: 1 October 2023 – 31 December 2023

Authored by: ONR Nominated Site Inspector

Approved by: ONR Head of Operating Reactors

Issue No.: 1

Publication Date: Jan-24

ONR Record Ref. No.: 2024/252

Foreword

This report is issued as part of ONR's commitment to make information about inspection and regulatory activities relating to the above site available to the public. Reports are distributed to members for the Sizewell SSG and are also available on the ONR website (<http://www.onr.org.uk/ilc/>).

Site inspectors from ONR usually attend Sizewell SSG meetings where these reports are presented and will respond to any questions raised there. Any person wishing to inquire about matters covered by this report should contact ONR.

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1. Inspections

1.1. Date(s) of Inspection

The ONR site inspector made inspections on the following dates during the report period 1 October – 31 December:

- 24 – 26 October;
- 15 November;
- 22 November;
- 6 – 7 December.

2. Routine Matters

2.1. Inspections

Inspections are undertaken as part of the process for monitoring compliance with:

- The conditions attached by ONR to the nuclear site licence granted under the Nuclear Installations Act 1965 (NIA65) (as amended);
- The Energy Act 2013;
- The Health and Safety at Work etc Act 1974 (HSWA74);
- Regulations made under HSWA74, for example the Ionising Radiations Regulations 2017 (IRR17) and the Management of Health and Safety at Work Regulations 1999 (MHSWR99).

The inspections entail monitoring the licensee's actions on the site in relation to incidents, operations, maintenance, projects, modifications, safety case changes and any other matters that may affect safety. The licensee is required to make and implement adequate arrangements under the conditions attached to the licence in order to ensure legal compliance. Inspections seek to judge both the adequacy of these arrangements and their implementation.

In this period, routine inspections of Sizewell B covered the following:

- Management of operations including control and supervision;
- Staff training, qualifications and experience;
- Emergency preparedness;

Control and supervision / staff training, qualifications and experience

The site inspector carried out an intervention looking at the site's selection of suitably qualified and experienced contractors, and its control and supervision of those contractors while working on site.

The inspector examined procedures, operating instructions and quality documentation and spoke to staff involved in projects of varying complexity and safety significance, and conducted a plant walkdown to observe work being carried out in the field. He concluded that the licensee:

- Appropriately specifies the competence requirements of its contractors, and satisfied itself that these requirements are being met at an organisational level (through documentation review and audits) and a local level (through appropriate setting-to-work and supervision).

- Reviews the written procedures used by its contractors to carry out work, and exercises control by issuing them through its own document management system as controlled documents.
- Effectively supervises contractors working on its site.

Emergency preparedness

The site inspector and a site security specialist inspector visited site to observe the site's annual regulator-evaluated demonstration exercise. The inspectors considered that the exercise was a competent and efficient demonstration of the site's emergency arrangements that achieved all of its objectives. No regulatory concerns were identified and the command centres involved in the exercise demonstrated effective control and good communication. Performance in some areas was very good.

In addition the site inspector visited site on two occasions to observe a sample of the licensee's training exercises. He was satisfied that the exercises were suitably challenging and that the standard of coaching and mentoring was high.

Members of the public, who would like further information on ONR's inspection activities during the reporting period, can view site Intervention Reports at www.onr.org.uk/intervention-records on our website www.onr.org.uk.

Should you have any queries regarding our inspection activities, please email contact@onr.gov.uk.

3. Non-Routine Matters

Licensees are required to have arrangements to respond to non-routine matters and events. ONR inspectors judge the adequacy of the licensee's response, including actions taken to implement any necessary improvements.

There were no such matters or events of significance during the period.

4. Regulatory Activity

ONR may issue formal documents to ensure compliance with regulatory requirements. Under nuclear site licence conditions, ONR issues regulatory documents, which either permit an activity or require some form of action to be taken; these are usually collectively termed 'Licence Instruments' (LIs) but can take other forms. In addition, inspectors may take a range of enforcement actions, to include issuing an Enforcement Notice.

No LIs, Enforcement Notices or Enforcement letters were issued during this period.

5. News from ONR

For the latest news and information from ONR, please read and subscribe to our regular email newsletter 'ONR News' at www.onr.org.uk/onrnews.

6. Contacts

Office for Nuclear Regulation
Redgrave Court
Merton Road
Bootle
Merseyside
L20 7HS
website: www.onr.org.uk
email: Contact@onr.gov.uk

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Update for Sizewell SSG

NDA Stakeholder Engagement



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NDA Stakeholder Update

Please find below a brief update on main points of interest since the last meeting.

- As part of our ongoing commitment to create meaningful engagement with our stakeholders, we recently held our virtual stakeholder summit '**Creating meaningful conversations**'. More than 160 delegates joined the event in December 2023 and initial feedback has been positive. The event covered the progress we are making in delivering our mission, and our wider contributions with regard to sustainability, social value, and skills.
- We are busy planning our next **regional stakeholder roadshow**, which will be held in north Wales before the end of March 2024, with the date to be confirmed. The roadshow will focus on innovation and follow the successful format of events in Cumbria and Glasgow which took place in partnership with universities in the regions.
- Our next in person **stakeholder conference** will be held later this year. We are still looking to fix both the venue in Cumbria and date in September and will keep you informed of our progress.
- The Department for Energy Security and Net Zero is set to publish its **Civil Nuclear Roadmap** shortly before your SSG meeting. The roadmap will include information and commitments relevant to our mission.
- Following its consultation in 2023, the **Government's new UK policy** on the sustainable and effective management of radioactive substances and nuclear decommissioning will be published later this spring.
- Our latest NDA 2023 **Mission Progress Report** (MPR) was published in November. It shows how we're progressing delivery of the NDA mission and what's still left to do, providing a baseline against which future progress can be tracked. It should be seen in context with the other NDA documents we issue, and it forms part of our commitment to openness and transparency.
- Parliamentary Members of the **Public Accounts Committee**, along with the National Audit Office, visited Sellafield in October. We welcomed the opportunity to open our doors to the body responsible for holding



government to account for value for money, allowing us to demonstrate the progress we are making and share some of the challenges we face.

- Our updated **Social Impact and Communities Strategy** is out for consultation until February 12. The strategy is updated every three years and updated where necessary. The last one was published as the pandemic took hold and much has changed since then.
- The second year of our **NDA group graduate programme** has opened, with the number of opportunities doubling to 120 across a diverse range of professional disciplines. The programme complements our support to the industry to build a long-term and sustainable pipeline of skills.
- Nuclear Waste Services (NWS) has begun aerial surveys and studies to evaluate potential sites suitable to host a **Geological Disposal Facility** (GDF), to permanently dispose of the UK's higher activity waste. Three communities are in the siting process, with one down-selection decision already taken.
- NWS worked with the Nuclear Industry Association to take members of the All Parliamentary Party Group on Nuclear Energy to visit the **Finnish Geological Disposal Facility** (GDF) ONKALO, currently under construction. This helped bring this vital project to life and shined a light on the progress we are making at home.
- Her Royal Highness **The Princess Royal** visited Nuclear Transport Solutions' home port in Barrow-in-Furness to explore one of Pacific Nuclear Transport Limited's (PNTL) specialist nuclear vessels, and a Direct Rail Services (DRS) locomotive.
- The NDA land sale of the **former Grid Yard** at Sizewell A has been completed and ownership lies with EDF Energy. The sale marks progress in delivering our mission while securing best value for the UK taxpayer. There are a number of legal matters which need to be finalised. These matters are considered 'normal practice' as part of such a sale.



Thank you for taking the time to read our update. If you have any questions, please feed-back through the Secretariat.



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