



WINFRITH SITE STAKEHOLDER GROUP

Date Tuesday 31 October 2023
Time Refreshments 1345hrs, meeting starts 1400hrs
Location Winfrith Village Hall, Winfrith Newburgh, Dorchester DT2 8LR

AGENDA

- | | | |
|---|--|--|
| 1 | Welcome and Introduction (Chairman) | Barry Quinn (10) |
| 2 | Winfrith Site Report – Site Director | Paul Brennan (15) |
| 3 | Nuclear Decommissioning Authority (NDA) | Simon Napper (10)
(not in attendance) |
| 4 | Magnox Corporate Update | Bill Hamilton (10)
(Paul Brennan) |
| 5 | Regulators
a) Office for Nuclear Regulations (ONR)
b) Environment Agency | Neil Doggett (10)
Adam Davis (10) |
| 6 | Project Update – feedback from Winfrith end state community engagement | Elly Joyce (15) |
| 7 | Any Other Business | Barry Quinn (10) |

Chairman	Barry Quinn
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Date of issue	17/10/2023



WINFRITH SITE STAKEHOLDER GROUP (SSG)

Tuesday 16 May 2023

Winfrith Village Hall

Meeting reference SG31

Attendees:

Barry Quinn	SSG Chair and representative of East Stoke Parish Council
Nic Johnson	Vice Chair and representative of Winfrith Parish Council
Susan Adams	Magnox – Acting Site Director
Emma Burwood	Magnox - Winfrith and Harwell Communications Lead
Debbie Paterson	Minutes
Elly Joyce	Magnox – Site End State Manager Harwell & Winfrith
Adam Davis	Environment Agency
Neil Doggett	Office for Nuclear Regulation (ONR)
Simon Napper	Nuclear Decommissioning Authority (NDA)
Ian Jackson	Tradebe Inutec
Mark Pledger	Jacobs
Luke Johns	Dorset Wildlife Trust
Cherry Brooks	Dorset Council (DC)
Eren Bhlkir	Dorset Council (DC)
Robin Bowler	Coombe Keynes Parish Chair
Patricia Yonwin	Member of the public
John Yonwin	Member of the public

Apologies for absence – Cllr Laura Miller, Cllr Peter Wharf, Bill Hamilton, Sarah Jackson (WLPC), Graham Duggan (DC), Alex Clothier (DC) and Susan Holdroyd (Member of the public).

1. Welcome and Introduction – Barry Quinn

Barry Quinn welcomed everyone to the second physical meeting since COVID.

- At the end of January, an extraordinary SSG meeting was held on site to allow Magnox to update the Parish Councils on the new NDA Business Plan, and the impact on the Winfrith site end state date. This meeting was well attended and received. It culminated with a visit to the Treated Radwaste Store (TRS) and a briefing on progress of the processing and transfer of drums by rail to the Low-Level Waste Repository (LLWR), now known as NWS, Nuclear Waste Services in Cumbria.
- Andy Munro, Harwell and Winfrith Site Director had moved to a new role on the Magnox Board at the end of February. Nic Johnson, Deputy Chair and Barry Quinn have continued to have regular conference calls with Andy and Emma Burwood up to this point and have been kept up to speed with progress on site. Susan Adams has been covering the role as Acting Site Director until the new Site Director is appointed.

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- The SSG chair/deputy continue to be fully engaged with bids to the Socio-economic fund from local organisations.
- Since the previous meeting, they had attended the SSG Chairs' Forum Zoom meetings where there were two items of significance to report that affect the Winfrith Site. Firstly, a consultation on UK policy for managing radioactive substances and nuclear decommissioning issued by the Department for Energy Security & Net Zero (formerly BEIS) which Barry attended. A subsequent onsite meeting was held with Emma Burwood and Elly Joyce to discuss the document and our response. A key issue is near surface disposal on NDA sites.
Secondly, Barry attended a meeting in London in early May to discuss rebranding and the potential options for the new name following the move of Dounreay to the Magnox estate. The Chairs felt that the new name should reflect the unique business and include the words 'Nuclear' and 'Restoration'. 'Remediation' was also considered as some sites will not be restored to the open countryside that existed before the reactors were built. These views were subsequently fed back to the Magnox Board.
- In preparation for today's meeting, the event was publicised on Facebook and through Parish Newsletters to encourage representatives to attend. This approach was successful as there was representation from most of the neighbouring parishes.
- A new SSG Website had been set up where anything of relevance to the local communities including the SSG Agenda is publicised. The link will be added to the agenda papers in future.
- The application for the Blue Plaque to mark the contribution of the Winfrith site to nuclear energy was submitted to the Royal Society of Chemistry in September 2022. A response in mid-March advised that we had been unsuccessful in our bid as our application was not considered diverse enough and there was insufficient footfall past the proposed location at the Main Gate to Dorset Innovation Park (DIP). Alternative areas were considered such as Wool, but it was felt that this did not reflect the site itself. Investigations are ongoing to see if a plaque could be secured via an alternative route. Adam Davies advised that he would be happy to provide his support with the application.

Minutes of last meeting

The minutes were accepted as a true and accurate record.

Matters Arising

No matters arising.

2. Winfrith Site Report – Susan Adams

The following areas were covered:

Health, Safety, Security, Environment & Quality Safety

- No Lost Time Accidents (LTA) had for 231 days.
- Psychological safety training was to be carried out from June onwards.
- No issues had been raised regarding on-site safety via the Health, Environment and Safety Assurance Committee (HESAC).

Regulatory Topics

- The Site safety demonstration exercise had been rated Green (adequate).

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- Purge Gas Pre-Cooler works: the second stage recovery had been completed successfully.
- The new ONR CNSS Inspector had been welcomed to Winfrith.
- A Joint EA / ONR inspection had been carried out covering waste management – no non-compliances noted.

Environment

- An EA inspection had covered Environmental Culture and Sustainability Awareness.
- Further inspection focussed on sustainability were expected later in the financial year.
- The site sustainability working group continued to identify initiatives.
- No major issues had been raised on-site since the previous meeting.
- Sustainability initiatives were gathering pace.

Site Operations - Current Work Programmes

- SGHWR reactor decommissioning.
- DRAGON reactor decommissioning.
- Waste (inc. TRS) shipments.
- Plant and Structures projects.
- End state/ Site Restoration.
- Asset management and asset care.
- Support Functions.

Treated Radwaste Store (TRS) Shipments

- Work continues with LLWR (Low Level Waste Repository) to retrieve and despatch the Steam Generating Heavy Water Reactor (SGHWR) conditioned sludge drums from the Treated Radwaste Store (TRS). To date six consignments of 10 cabriolets (each containing 10 drums) have already been successfully via rail.

Plant & Structures (P&S)

- Sea Pipeline
- Strategic Outline Case being developed.
- Work continues on the preparation of project management documentation.
- Active Liquid Effluent System (ALES) decommissioning.
- Redundant Active Bowser decommissioning complete.
- Work on the decommissioning of ancillary structures and redundant plant within the A57 area nearing completion.
- Blacknoll Reservoir.
- On-site soil analysis ongoing to determine suitability for use as infill to the reservoir.
- Engagement with Historic England ongoing.
- Alternative Discharge Route (ADR).
- Installation of new effluent discharge systems at Dragon and SGHWR commenced.

Site End State

- Work is continuing to define the details of the end state for the site.
- Community engagement commenced.

Asset Management & Asset Care

- Routine maintenance - planned and corrective, new equipment being installed, commissioned, and maintained.

Other

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- Recruitment - 23 roles filled since 1st Jan 2023 (13 internal and 10 external).
- 2022/23 had been a very successful year.

Magnox Socio-economic Funding Support 2022-2023

£1,020,035 had been awarded across all 12 Magnox sites in 2022- 23. There had been 4 Winfrith applications totalling (£4,783) 2022-23 as follows:

- Wool Carnival £815 – Equipment and First Aid cover.
- Wessex FC - £974 – Football Kits for 22 players in new club.
- St Christopher's Church - £1000 - Equipment and utensils for new kitchen.
- Wool & Winfrith FC - £1,995 – Wheeled goalposts.

For further information please go to:

<https://www.gov.uk/government/collections/magnox-working-with-our-communities>

Emma Burwood manages the Good Neighbour applications for Winfrith, applications over £2,000 are managed centrally.

Q1: What type of incident had occurred when the last Lost Time Accident (LTA) was recorded - 242 days ago?

A1: The incident recorded prior to the 242 days was a small cut to an arm.

3. NDA Report – Simon Napper

- BEIS had moved into the Department for Energy Security and Net Zero (DESNZ).
- After the event in Edinburgh last September, the NDA has decided that the next in-person Stakeholder Summit would be held in Cumbria in 2024. There would be an online, virtual summit this year in the autumn.
- During the year, a series of in-person, regional meetings for stakeholders would be held. The one-day conferences would be linked to universities with a nuclear science department, to showcase the links between the NDA, research, and innovation.
- The Nuclear Industry Association organises a series of annual events to draw the sector to MPs' attention.
- NDA sponsored a reception for Parliamentarians highlighting the decommissioning aspects of nuclear.
- NDA sponsored the Skills Fair and brought graduates and apprentices to London to meet their local MP – so that MPs could understand the work of the NDA in their communities.
- Great British Nuclear had been launched. It would focus initially on Small Modular Reactors. Magnox Chief Executive Gwen Parry-Jones had become the first Chief Executive of GBN. She started this interim role on 1 May.
- Prior to GBN, NDA had been approached by a number of developers and technology providers regarding the availability of land on our sites. We have provided publicly available information in an open and transparent basis to enquirers.
- The government consultation on decommissioning and waste management had been published. There is a full 12-week consultation, closing on 24 May. Engagement is being led by Government.

4. Magnox Corporate Update – (Susan Adams)

- The new SSG website had been launched and was now live and available to use at magnoxstakeholdergroups.com. There were blogs of the Chair and vice-Chair together with information about each site and around SSG meetings such as date/venue, agenda, meeting minutes and papers.
- We had recently held discussions with the SSG Chairs and vice Chairs to brief them on the new branding and to hear their feedback, which has been fed into the Executive and Board.
- Dounreay had now joined Magnox Ltd but will retain its own identity. Plans are well developed for the Advanced Gas Cooler Reactor (AGR) stations to transfer from EDF as they complete defueling. The first sites were expected to come to Magnox in 2026.

5 a) Office for Nuclear Regulation (ONR) – Neil Doggett

The ONR Report had been issued prior the meeting and can be found by clicking on the link. [Site Stakeholder Groups \(magnoxstakeholdergroups.com\)](https://magnoxstakeholdergroups.com)

Neil gave an overview of the report, no questions were raised.

5 b) Environment Agency (EA) – Adam Davis

The EA Report had been issued prior to the meeting and can be found by clicking on the link [Site Stakeholder Groups \(magnoxstakeholdergroups.com\)](https://magnoxstakeholdergroups.com)

Adam Davis gave an overview of the report and received the questions below.

Q1: Is it safe to grow and consume home grown fruit and vegetables?

A1: Exposure to the public from all sources of artificial radioactivity in food and the environment is low and well within the legal limit of 1 millisievert (mSv) per year.

Q2: What actions are taken to monitor the degradation of the pipes and any infrastructure at Arish Mell?

A2: The pipework is monitored regularly, and cathodic protection is installed to prevent corrosion. Maintenance and further testing are carried out each year in August. (Post note meeting – further information has been provided to the individual who asked this question.)

6. Project Update – End State Engagement Update – Elly Joyce

Community Engagement

- In person engagement sessions would take place on the 25 May in Winfrith Village Hall, Winfrith and on the 01 June 2023 in the D'Urberville Centre, Wool.
- A Virtual Exhibition Room opened today for the next 6 weeks. www.magnoxhaveyoursay.com
- Feedback forms were available in person and online.

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- Feedback was requested across a range of topics including walking routes, and restoration priorities.
- Information provided would be provided in boards and leaflets. There would be an opportunity to speak to staff about proposals and ask questions.

Q4: Does the community engagement and proposals cover the pipeline to Arish Mell?

A4: No. The pipeline would be covered in future specific discussions and would involve landowners.

Q5: How involved has Natural England been involved in the process?

A5: The management plan had been devised by Magnox in conjunction with the various agencies including the Environment Agency, Natural England and local ecologists. Some of the concepts had been defined such as restrictions to some access areas to protect habitats and these would be presented at the community engagement sessions.

Q6: Is there concern with the apparently different approaches at Harwell and Winfrith?

A6: The outcome of engagement in 2006/2007 was that the land should revert to heath land with public access. Consultation was open to all parishes. The land at Harwell was to be developed to create a Science Park. Those with differing views could provide their feedback as part of the engagement.

Q7: What happens to those staff who are employed at the Winfrith site?

A7: Those staff who remain on site were likely to have the opportunity to transfer to other sites or seek employment in the local area.

Q8: Has the position surrounding nuclear energy not changed since the consultation in 2006?

A9: The protected habitats and lack of water supply would make Winfrith an unlikely site for development.

7. Any Other Business – Barry Quinn

Barry Quinn thanked attendees for their participation. He commented that from the presentations provided we could be reassured that the site was being operated in a safe, secure and environmentally conscious manner.

This was likely to be the last SSG that Susan Adams attended as she was retiring in the autumn. On behalf of the Winfrith SSG members, Barry thanked Susan for her support and wished her well for the future.

Date of Next Meeting – 31 October 2023



Office for
Nuclear Regulation

ONR Site Report

**Winfrith Sites – Magnox Ltd Winfrith and
Tradebe Inutec**

ONR Site Report

Winfrith Sites - Magnox Ltd Winfrith and Tradebe Inutec

Report for period: 1 January – 30 June 2023

Authored by: N Doggett, Nominated Site Inspector

Approved by: I Phillips, Delivery Lead, DFW Subdivision

Issue No.: 1

Publication Date: Jul-23

ONR Record Ref. No.: 2023/43272

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 Winfrith Site Stakeholder Group and are also available on the ONR website (<http://www.onr.org.uk/llic/>).

Site inspectors from ONR usually attend Winfrith Site 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

The ONR site inspector made inspections on the following dates during the report period 1 January to 30 June 2023:

- 18 January 2023
- 19 January 2023
- 25 April 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 the Magnox Ltd Winfrith site covered the following:

- radioactive waste management;

In this period, routine inspections of the Tradebe Inutec site covered the following:

- commissioning arrangements;
- staff training, qualifications and experience;
- management systems, quality assurance and records;
- conventional (non-nuclear) health and safety;
- fire safety

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

Throughout this reporting period, ONR's nominated site safety inspector has held regular meetings with the Magnox Ltd Winfrith and Tradebe Inutec Ltd leadership team representatives to maintain situational awareness of matters related to nuclear safety. Engagement continues on the major projects across both licensed sites. No significant issues were highlighted by ONR.

Magnox Ltd Winfrith has previously notified to ONR its intention to amend approved emergency arrangements under LC11. Following review by Magnox Ltd Winfrith, it is now likely that existing arrangements will remain in place. ONR has continued to engage with the dutyholder until a finalised proposal is made.

ONR continues to engage with Magnox Ltd on the Winfrith End States Tactical Group (WESTG), keeping up to date on progress in relation to decommissioning and development of the site end state. ONR has supported the WESTG by attending two community engagement events, meeting and responding to questions from the public.

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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Environment Agency report

Winfrith Site Stakeholder Group

October 2023

This report covers the Environment Agency's regulation of the Winfrith Nuclear permitted site (and related issues), for the period from the last SSG report and meeting in May 2023.

Radioactive substances regulation

We regulate processes and systems associated with radioactive waste disposals. We do this through environmental permits that contain conditions and limits the operator must comply with, to minimise wastes and protect people and the wider environment. We check compliance with the permits through routine interaction with the operator and by undertaking regulatory inspections.

Working with colleagues across the Environment Agency, we also regulate and control other activities through our environmental permits, including surface and groundwater discharges. Through our corporate objectives, aims and general duties, we also provide advice and guidance to protect or enhance the wider environment and support sustainable development.

Regulatory compliance interactions are recorded in Radioactive Substances Compliance Assessment Reports (RASCARs). These summarise the type of work we have undertaken, describe any non-compliance or observations and good practice, and include actions or recommendations from our findings. They are public register records and can be provided on request (please see the 'further information' section at the end of this document to find out how to request public register records-in the link below).

Permitting

Magnox Winfrith hold two permits under the Environmental Permitting Regulations (EPR): one covers Environment Agency regulated radiological discharges and waste transfers from the site (the 'nuclear' EPR permit); the second covers the discharge of non-radiological aqueous effluent via the Winfrith Sea Pipeline (the 'non-nuclear' EPR water discharge permit).

No changes have been made to either permit since the last SSG meeting, however, we continue to provide advice to Magnox on our permitting requirements in relation to future variations to the permits. In particular, these include the need to accommodate the Winfrith End State decommissioning and restoration plans, and the management of the Winfrith Sea Pipeline. These topics will be increasingly important as the site moves through the final stages of decommissioning towards its proposed end state with future public access.

Regulatory and Compliance Activities

We check compliance with the permits through regular contact with the operator and through site meetings and inspections. We also receive and assess a range of monthly reports from the site. For all inspections, we issue RASCAR reports.

We continue to hold weekly (virtual) meetings with the Magnox environment team and relevant Magnox managers, to ensure permit compliance and reporting requirements remain fit for purpose during ongoing decommissioning work and assess emerging issues and progress with actions.

customer service line **03708 506 506**

incident hotline **0800 80 70 60**

flood line **03459 88 11 88**

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We also work closely with the Winfrith site End State team and other relevant stakeholders (including Dorset Council, Natural England and ONR) to facilitate planning for the site's final stage decommissioning work. This work is required to meet the Environment Agency guidance on requirements for release of the site from radioactive substances regulation (once all the relevant decommissioning work and verification monitoring has been completed). Whilst the precise end state date for the site is still to be confirmed, preparatory work to achieve final stage decommissioning, continues at pace.

Inspection Work since May 2023 SSG report

In July, we completed an inspection to assess the sites management of site drainage and fire water management. Site wide drainage systems can provide effective systems to contain and manage potential pollutants and protect the environment from inadvertent spillages or firewater runoff. However, poorly managed they can also represent a risk to the environment by allowing rapid entry and discharge of pollutants to the environment.

There were no identified permit non-compliance issues, and we have provided advice and guidance in relation to the consideration of the management and maintenance of underground pipelines, and provision of contingency arrangements to contain and remove runoff that may be associated with events, such as fire suppression.

As previously reported, we are working on the development of a project that will review the public value of sustainable development measures and consider the role of community inclusion in decommissioning at Magnox Nuclear sites. Learning from the Winfrith approach is central to this work, and the opportunities to consider sustainable development goals as part of the final stage decommissioning of nuclear sites has recently been the subject of a public 'blog' and a case study for a conference paper at a forthcoming International Atomic Energy Authority (IAEA) conference in Vienna.

We continue to work with Magnox Winfrith across technical areas where environmental management and end state planning is required to achieve final stage decommissioning. This included review and further development of the sites environmental monitoring programme, to monitor the impact of decommissioning activities.

We have also attended a number of End State technical meeting to discuss progress with the development of the final stage decommissioning and restoration plans and consider technical planning for the decommissioning and management of the Steam Generating Heavy Water (SGHWR) and Dragon reactor voids. Restoration planning will become an increasing feature of the end state work across the site.

Discharge Reports

The site's environmental permit requires Magnox to use Best Available Techniques (BAT) to minimise generation of radioactive waste and minimise any permitted releases into the environment. The site is required to report permitted liquid and gaseous discharges to the environment on a regular (quarterly) basis. We assess these reports and produce a RASCAR on our findings.

Limits are set in the Winfrith EPR permit to control the maximum level of radioactivity that can be discharged to atmosphere as a gaseous discharge or to sea, through the Winfrith Sea Pipeline, over a rolling twelve-month period.

Liquid effluent discharged to the sea at Arish Mell via the Active Liquid Effluent System (ALES) and Winfrith Sea Pipeline remain well below permit limits, and at levels equivalent to previous reports.

Gaseous discharges also remain compliant and well below permitted limits, approximating to less than 3% of the permitted limit set for the site. Although these discharges remain low, it is noted that the relative level of these gaseous discharges may fluctuate as the decommissioning programmes evolve.

Environmental impact

The site environmental permit requires the operator to monitor and assess the impact of discharges on the environment.

Monitoring undertaken by the operator, indicates that the environmental impact from the permitted discharges remains low.

The Environment Agencies and Food Standards Agency also carry out independent environmental monitoring around nuclear sites. These monitoring programmes support our regulatory function and provide reassurance that public radiation exposures are within legal limits. The results of this work are published annually and the latest report, "Radioactivity in Food and the Environment 2021" (RIFE 27), is published on the GOV.UK website.

<https://www.gov.uk/government/publications/radioactivity-in-food-and-the-environment-rife-reports>

This current (27th edition) contains information on radiation exposures (dose) to the public and radioactivity levels in the environment in 2021, from nuclear sites and other industrial and landfill activities. We expect a new (28th) edition (covering 2022) to be released in early November. However, as part of a commitment to minimise the carbon footprint and move to electronic communications, a decision has been taken to stop production of the printed version of the report. It will continue to be available as an electronic version, which individuals can sign up to, to receive an electronic copy on release. The report may also continue to be available in CD format, on request.

Radiation Doses to the most exposed people are calculated and measured using radioactivity concentrations in samples of food and the environment collected around UK nuclear licensed sites, external dose rates from radiation in sediments, and information on the habits of people living locally around the sites.

The report for the 2021 period continues to show that total doses to the public, from permitted discharges and direct radiation around UK nuclear sites, remained below the annual legal limit to protect members of the public (set at 1 millisievert per annum (mSv)). Radioactivity from natural background, rather than nuclear sites, continues to be the more significant source of exposure to communities in all areas of the UK.

For the 2021 period, data from RIFE 27 for Winfrith, indicates that the total dose to individuals and members of the public from all pathways and sources of radiation from the site was 0.006 mSv (falling from 0.014mSv in 2020). For the Winfrith site, the representative person in 2021 was an adult living near the site, which is the same potential exposure pathway as identified in previous years.

The primary source for the attributed dose is from direct radiation 'shine' from site operational activities rather than discharges and emissions. The dose from all pathways (including permitted discharges) approximates to less than one per cent of the government derived national dose limit applied to protect members of the public (set at 1mSv). Within

the overall estimates for total dose, exposures associated with the permitted aqueous or gaseous discharges from the site, remain a very small component of the total dose (less than half of one percent), and at a similar level to those reported in the 2020 period. However, it should be noted that at these very low levels in relation to the annual legal limits, there may be occasional variations in total dose assessments, due to specific site decommissioning activities that are required to achieve the sites identified end state.

Incidents and enforcement

There have been no new incidents or enforcement actions reported since the last SSG report.

Forward Look

We will continue our work in preparation for the final stages of decommissioning and will be focussing on the management of radioactive wastes from the planned dismantling of the sites remaining reactors (Dragon and SGHWR) and the dismantling of the ALES and Winfrith Sea Pipeline.

We will also continue to work with the site to set and develop their sustainability strategy and seek opportunities to achieve UN Sustainable Development Goals, where this supports the Environment Agency 5-year tactical planning for green growth and a sustainable future (EA2025). These in turn help embed the UK Governments 25-year plan for the environment.

Further details of the EA 2025 work can be viewed here:

<https://www.gov.uk/government/publications/environment-agency-ea2025-creating-a-better-place>

Further details on governments drive towards this ambition are available here:

<https://www.gov.uk/government/publications/implementing-the-sustainable-development-goals>

We are also working with Magnox to highlight the significant sustainable development opportunities at Winfrith, and we would like Magnox to work with other stakeholders and the wider community to achieve an enduring legacy for sustainable development through the decommissioning process.

We will report on progress with these work programmes in subsequent SSG reports.

During 2023, Environment Agency regulation of the Winfrith Nuclear site will include support from Mr Alister Wintle. Alister will be undertaking aspects of the regulatory compliance activities on site, as part of his Environment Agency developing nuclear regulator role. Alister will be attending future SSG meetings and will introduce himself in October.

If you have any comments, please contact the Environment Agency Nuclear Regulator through the contact details below.

Further Details

Details of public register records for nuclear sites can be provided on specific request through contact with the EA Customers and Engagement Team in the Wallingford office. Please email WTenquiries@environment-agency.gov.uk. However, a public register service covering the wider (non-nuclear) aspects of the Environment Agency work is also available on the GOV.UK website at:

customer service line **03708 506 506**

flood line **03459 88 11 88**

incident hotline **0800 80 70 60**

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

Public register documents may also be requested by contacting the Customers and Engagement Team in the Wallingford office.

Further information on our role in regulating the use of radioactive substances and related activities on nuclear licensed sites can be found on the Environment Agency pages of the Gov.UK website at:

<https://www.gov.uk/government/publications/nuclear-regulation-in-the-environment-agency>

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>

Public Health England has placed guidance on ionising radiation dose comparisons on the GOV.UK at: <https://www.gov.uk/government/publications/ionising-radiation-dose-comparisons>

The Environment Agency's lead Nuclear Regulator for the Magnox Winfrith site is Adam Davis. Adam is a Radiation Biologist by background and works within the national Nuclear Regulation Group ((NRG South)), based at the Environment Agency's Wallingford office in Oxfordshire.

NRG (South) undertakes environmental regulation of radioactive substances on nuclear licensed sites in southern England. It works closely with external bodies such as the Office for Nuclear Regulation and local Environment Agency teams that cover other general (non-radioactive substances) environment protection matters such as regulation of groundwater, contaminated land, waste management and water abstraction. Contacts for these activities can be arranged through Adam.

Contact details.

Adam Davis

Adam.davis@environment-agency.gov.uk

Alistair Wintle

alister.wintle@environment-agency.gov.uk

Office Address: Environment Agency, Red Kite House, Howbery Park, Wallingford, Oxfordshire, OX10 8BD
Email: nrg.south@environment-agency.gov.uk