



111 LLC Meeting

Thursday 24 April 2025
AWE, Aldermaston



Agenda

- 9.30 Introductions / networking / refreshments
- 10.00 Welcome and introductions
- 10.15 Site update
- 10.30 Development update
- 11.00 Infrastructure investment update
- 11.15 Emergency planning update
- 11.45 Environment update
- 12.05 Lunch
- 13.00 Regulators' update
- 13.45 SHEQ update
- 14.05 Any other business
- 14.20 Education Collection 75 years
- 15.30 Close

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Chair's Opening Remarks

Ian Rogers

Chief Nuclear Officer and Executive Director Assurance - AWE

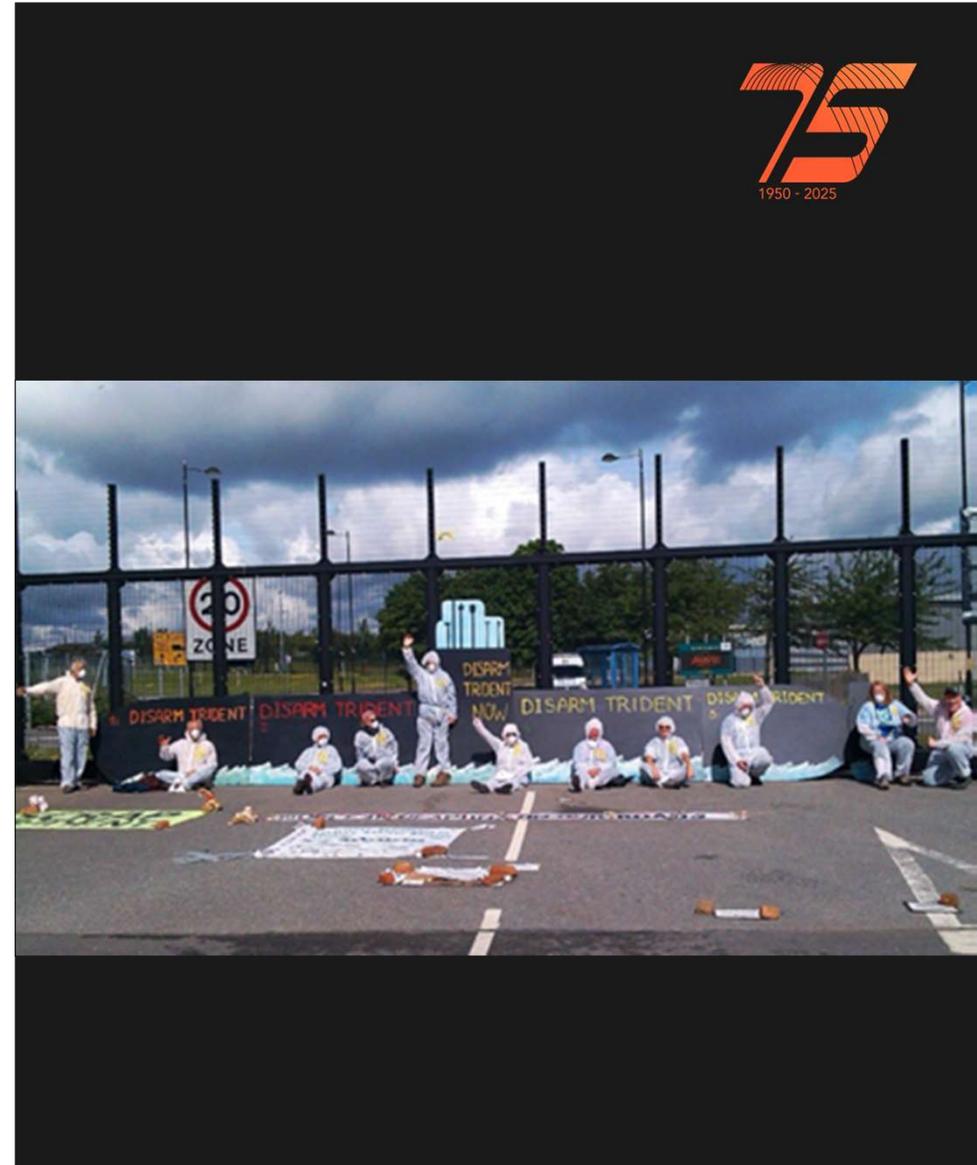
AWE Estates and Liabilities Site Update

Head of Asset Operations Management
AWE



Protestor Activity

- Regular monthly 'Women's Peace Camp' second weekend of each month (one per month)
- No other upcoming planned/known "Protest" activity



Community Concerns



Note: some calls are sensitive or personal and covered by GDPR hence not detailed here.

Community Concerns

1

A person called to express their concerns over the behaviour of an individual who they suspected works at AWE.

Concern was security related and therefore was passed to Security for further investigation. Closed as being an AWE concern.

2

A member of the public called with concerns over the site alarms being sounded and wanted reassurance that all was well. The sounding of the alarms was due to planned testing and were preceded with an announcement to say they were tests.

In addition, prior comms had been sent to local residents before the day advising of the planned tests. Closed as an AWE concern.

3

An email was received in the Community and Schools Mailbox to query an alarm sounding the previous afternoon. This was investigated and confirmed that there were no incidents on the site at that time. It was likely to be alarm testing or a process alarm. Information fed back to the Local Parish Councillors that reported the issue.

A Community Concern form was created as a record and has been closed as an AWE concern.

Updates - decommissioning

We marked a significant milestone for the Old Waste Management Group as they dispatched the final tank consignment of the year. This consignment consisted of two bulk and one delay tank. Over the course of the year, a total of eight tanks have been consigned for treatment and recycling prior to being released to clean metals market.

Since 2021, an impressive 69.2 tonnes of steel have been consigned for processing. That is enough steel to support the production of 52 Mini Coopers!

This ongoing effort highlights AWE's commitment to sustainable waste management and recycling practices.



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Continuation update of Decommissioning Glovebox

- Work had begun on the second glovebox to be decommissioned at the last Local Liaison Committee meeting.
- Second glovebox in XXX size reduced to base plate level.
- Plant and equipment freed from baseplate, left on baseplate awaiting disposal.



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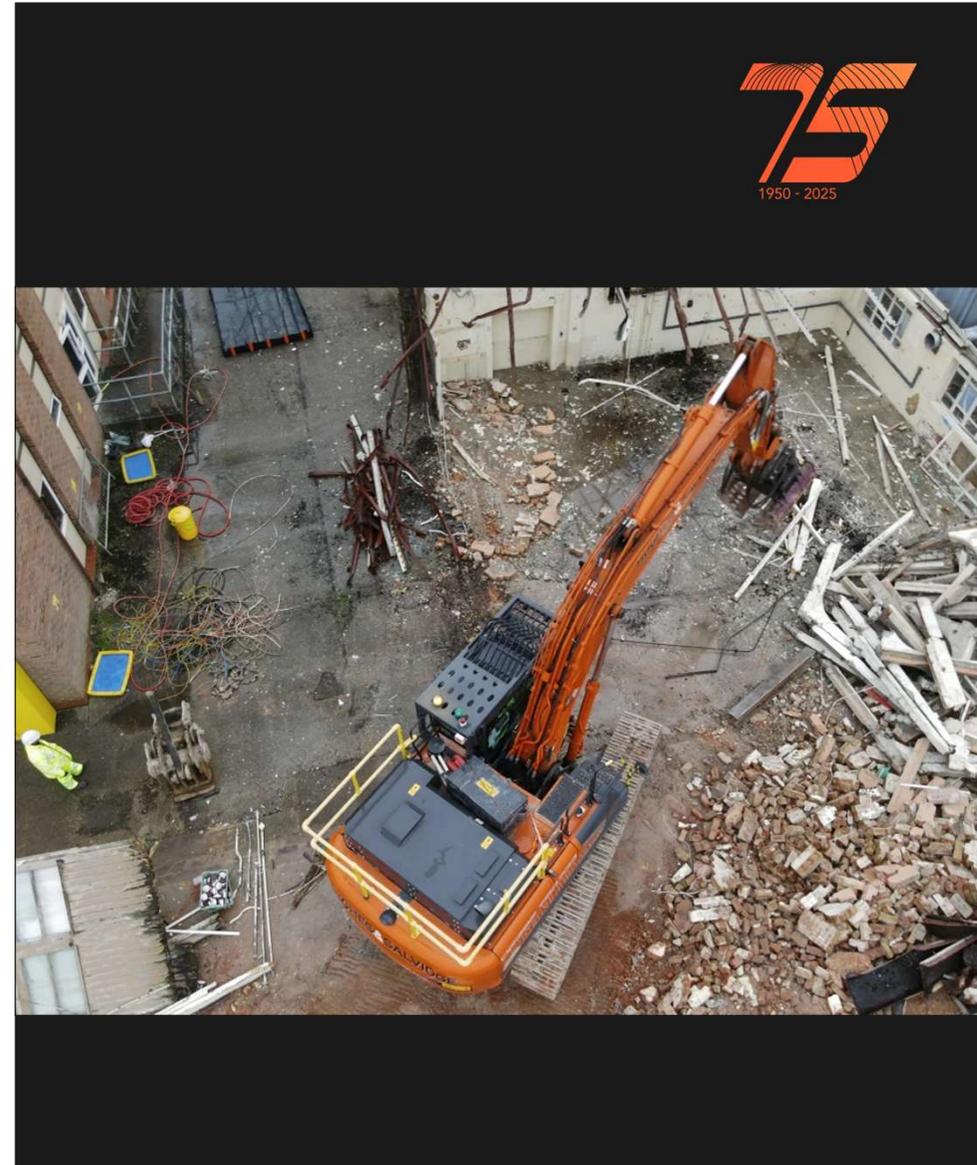
Updates – AXX.X demolition

- Work has commenced on demolition work package 2 within the NSPA.
- This involves the demolition of five co-located facilities to make way for future development.
- AXX.X is the first of the five buildings to be demolished, with the four surrounding facilities scheduled for demolition in the coming weeks.



Updates - demolition

- The demolition of AXX.X and AXX.X is in progress.
- The demolition of both AXX and AXX in the NSPA began in August 2024, which was preceded by a period of service isolations and surveys.
- Across the two buildings, a total of 27 tonnes of asbestos has been removed, and nearly 4 tonnes of mixed metal was recycled.



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Phase 1 of the AX Legacy Waste Disposal Complete

- The demolition of AXX.X and AXX.X is in progress.
- An integrated collection of teams across site worked together to make phase one a success.
- Nuclear Waste Services, AWE's radioactive waste framework contractor, provided the technical solutions, strapping plans, bespoke transport and disposal.
- Our local supply chain, J Stacey and Sons, also worked to provide on-site enabling, including on site transport and lifting operations
- This is essential work to reduce our legacy waste liabilities under Licence Condition 32.



On-going Activities

Shuttle Bus Service

- From the 31st of March 2025, Stewarts Coaches will be running a shuttle bus service connecting Aldermaston Site with Aldermaston Train Station. This will initially be a 6 month pilot service to gauge demand.
- Allowing staff to travel by train to AWE, this service is supporting efforts to reduce pressure on gates and car parks, as well as supporting AWE's travel plan objectives to reduce single occupancy vehicles and promote public transport.

AWE Development Update

Director Estate Strategy & Planning
AWE

Estate Planning and Development
Lead
AWE

External Planning Update

Planning and Infrastructure Bill – published and started passage through the House of Commons

- Growth and Acceleration (with detail to be provided in secondary legislation)

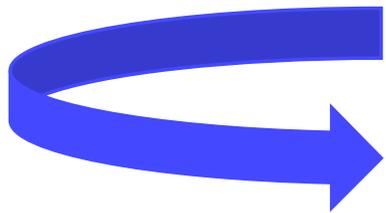
Implications for AWE:

- Short term – None will still be submitting applications to the local planning authority
- Long Term – will need to be involved in the spatial development strategies

Appeals:

- | | |
|--------------------|----------------|
| 1. The Hollies | West Berkshire |
| 2. Hayes Drive | Wokingham |
| 3. Brimpton Common | West Berkshire |

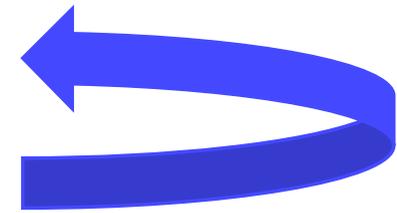
Travel and Transport update



London, Reading



Bedwyn, Newbury and Thatcham



- The buses will use public bus stops at both ends and will not enter site
- The site drop off will be at the bus stop outside Falcon Gate and the station drop off will be at the bus stop on the A340 near Station Road
- There will be 2 pick-ups in the morning peak, 1 drop off/pick up at lunch time and 2 drop offs in the late afternoon
- The buses will stick to their schedule and therefore will not be able to wait around for delayed trains
- To identify the bus, there will be a 'Private Staff Shuttle' notice in the window
- During this pilot, travel will be free to users and will run as a hop on, hop off service - no booking needed!

Any questions?

AWE Infrastructure Investment Update – Future Materials Campus Community Feedback report

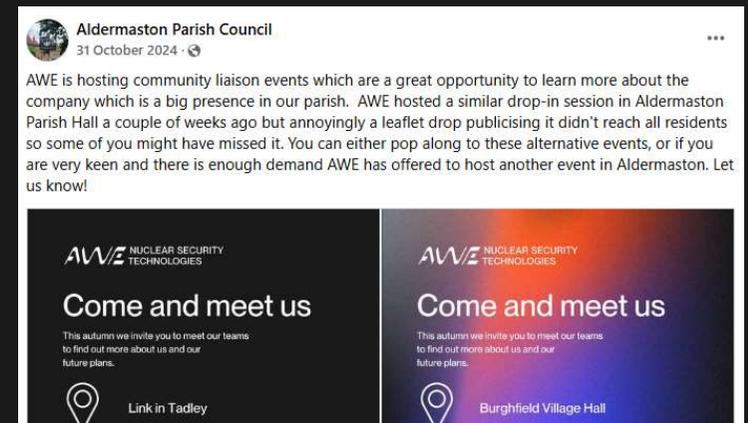
Head of Communications Future
Materials Campus
AWE

Community conversations - recap

- **Six** in-person drop-in events and **two** online public held sessions in October and November 2024
- **300** people attended our events
- **71** responses to our feedback forms.

Thank you for helping to publicise events

- **1,800** views of our new website (awe.citizenspace.com/fmc)
- **7,000** views of our **10** Facebook posts



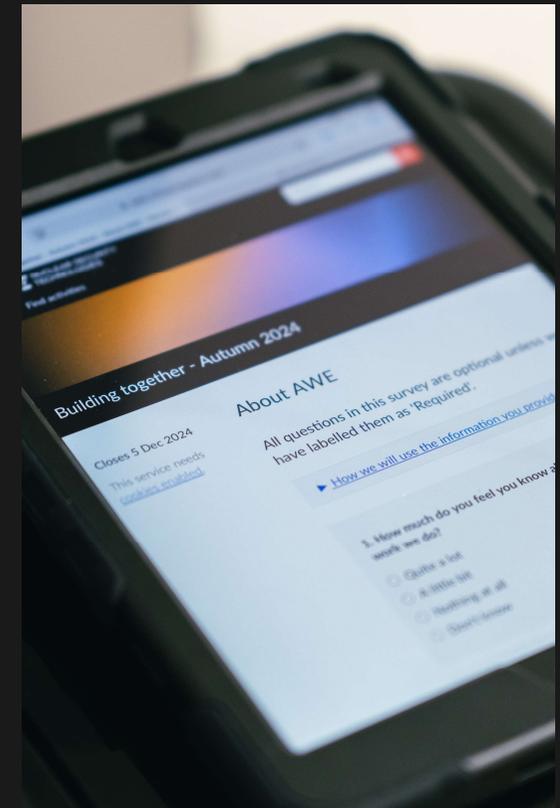
Our survey findings

AWE has a strong local presence because so many employees live nearby

- Most people find out about us through their friends and family who work at AWE.
- Current or former employees made up 18.5% of survey respondents.
- Visitors to our events ranged from research students who had recently joined, to those who worked at our sites in the 1980s.

People want to know more about us

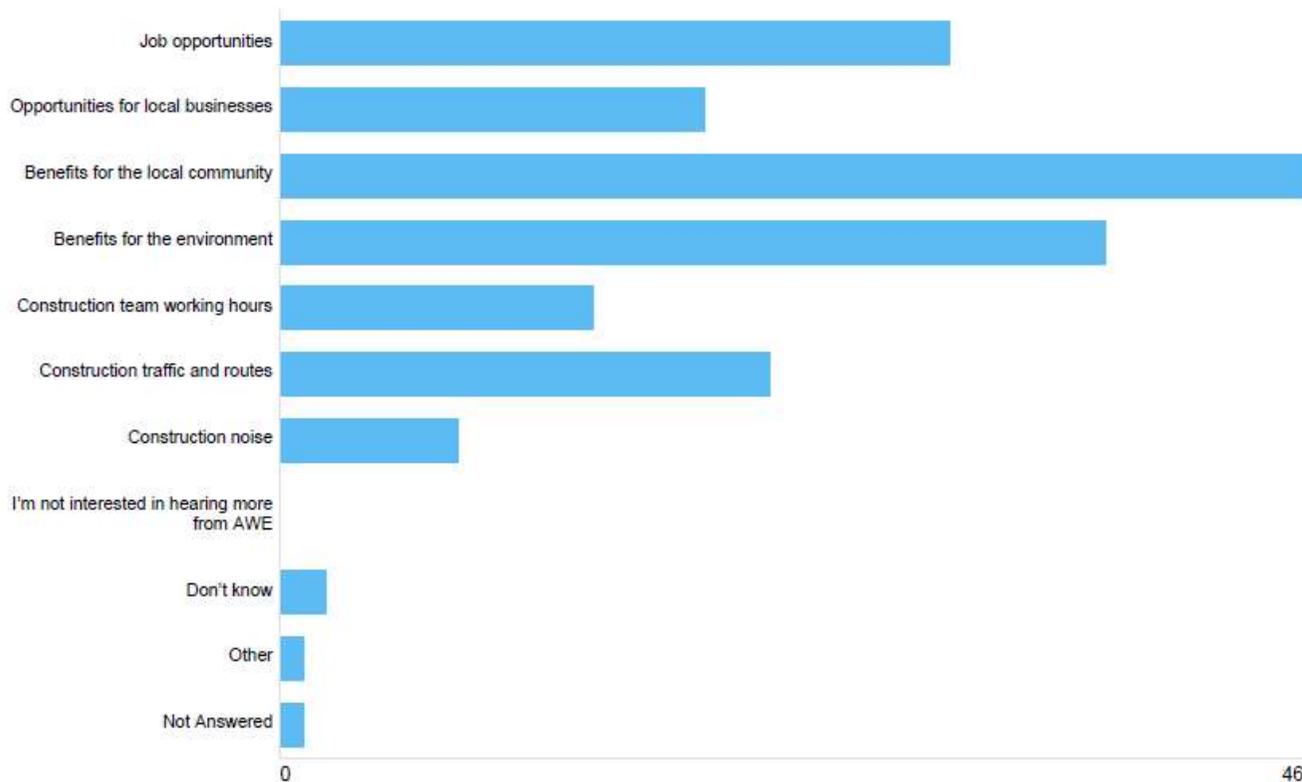
- They want us to be more open about our role in national defence and share more about our unique projects and technology.
- 75% of respondents wanted to be kept informed in the future.





Question 6: Thinking about the proposed future investment at AWE, what topics are you most interested in hearing more about?

FMC topics



63% of answers focused on benefits, selecting these options the most:

1. benefits for the local community
2. benefits for the local environment
3. job opportunities.

10% of answers were also interested in opportunities for local businesses, and 25% were interested in impacts; construction traffic and routes, construction team working hours and construction noise.

How we are acting on the survey information

We will address community feedback asking us to share more information by:

- Being more proactive in telling the public about the work behind our fences.
- Holding more public events
- We will also consider how we could provide more information about what we do to improve local understanding of the site operations, providing greater reassurance about nuclear safety.
 - You'll see in the latest edition of Connect Magazine we shared a 'mythbusting' session, acting on your suggestion from a previous LLC meeting. Thank you!
- As our infrastructure plans progress we will:
 - Share more information about potential impacts
 - Investigate the possibility of providing greater support to our local communities. This will be in addition to the ongoing work taking place by our teams in local schools, in volunteering and alongside our charity partner PACT (Parents and Children Together).

Any questions?

AWE Emergency Planning and Response Update

Senior Manager Emergency Response –
AWE

Jonah Maddocks
West Berkshire Council

AWE Environment Update

Director Environment and Sustainability
AWE

Environmental Highlights



SCIENCE
BASED
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

Climate Action



**Transition ULEV &
EV underway**



**No mow zones
(250,000m2)**



**Offsite Solar Farm
underway**



**Reduced water
consumption**



**Minimised use of single
use plastics**



**Enhanced tree cover by
5%**



**Climate Risk Assessment
& Adaptation Plans**

Environmental Highlights



ISO 20400 improvement plan



TCFD Alignment



UK Net Zero Carbon Buildings Standard

Net Zero Building Standards



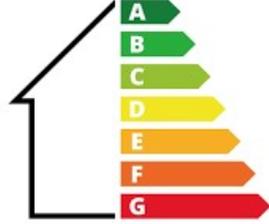
Implement site heating improvements



Metering underway for data collection



Natural Capital Accounting



Energy Efficiencies delivered

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Lunch

Reconvene at 13.00

Regulators' Update

Gareth Lock

Office for Nuclear Regulation

Rob Green

Environment Agency

Karl Pallester

Defence Nuclear Safety Regulator Lead



DNSR Vires

Where there are **Disapplications, Exemptions or Derogations (DED)** from Statute

- When Class 1 (Explosives) and Class 7 (Radioactive) materials come together
- Through life safety focus
- Product / process / manufacture focus rather than facility focus
- ATC / XTC / 3TC / Corporate





Enforcement

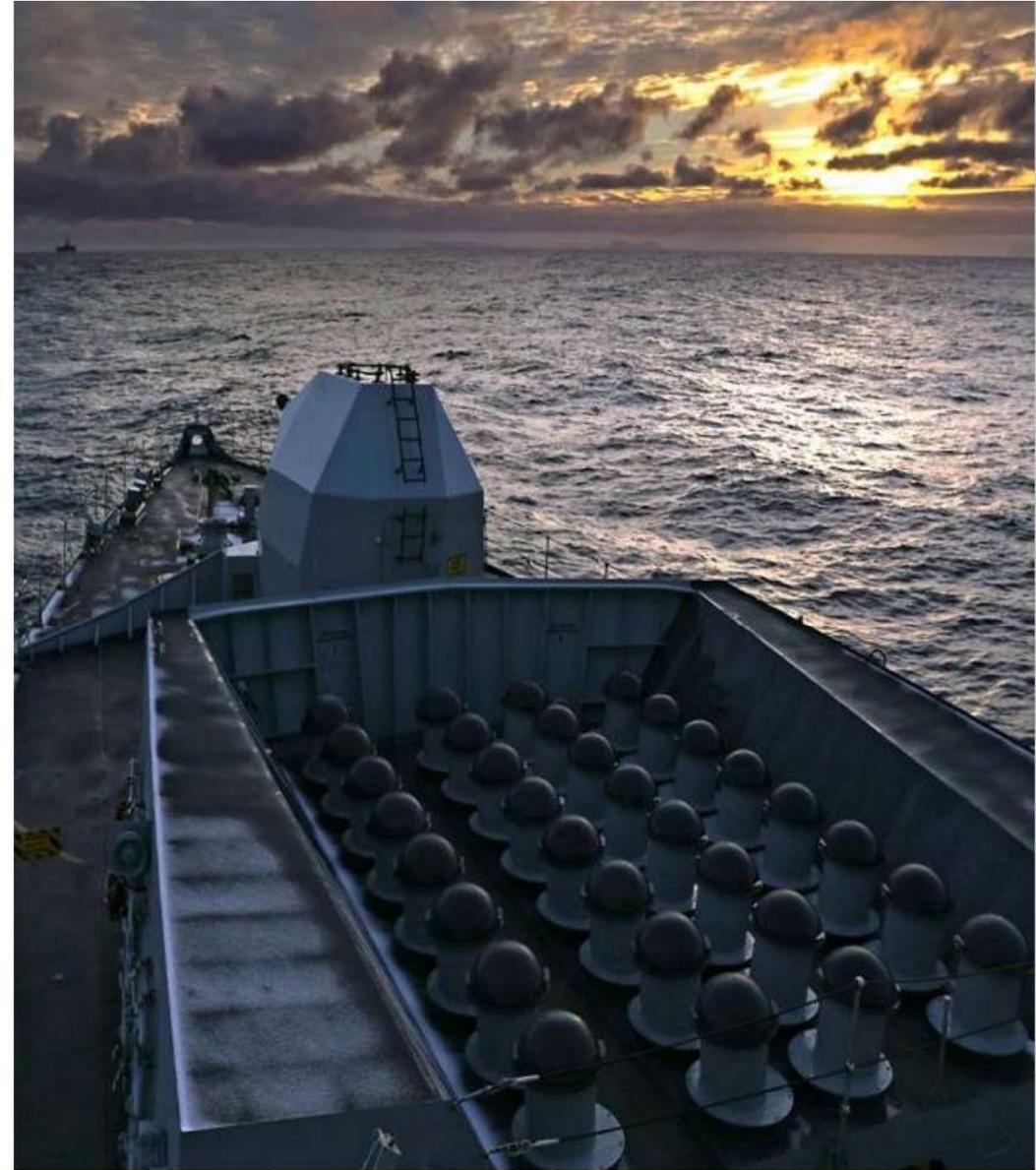
- No Prohibition or Improvement Notices
- 8 x Corrective Action Requirements
 - 5 at Assembly Technology Centre
 - 2 at Mensa
 - 1 at Corporate
- Regulatory Hold Points
 - Tray Blend
 - Mensa





Interventions

- November 2024 – AC7 Incidents compliance inspection conducted at EPURE
- March 2025 – LC26 Control & Supervision of Operations inspection with ONR at ATC
- February 2025 – Assessment of pressure vessel safety case (RPS V5X)
- DNSR quarterly report for quarter 3 produced and shared with Authorisee
- DNSR annual report for AWE drafted with a MODERATE safety marking



Safety, Health, Environment & Quality Update

Head of Delivery Environment, Safety,
Health and Quality
AWE

Personal Safety

24 people sustained work related injuries in the 12 months to the end of February 2025

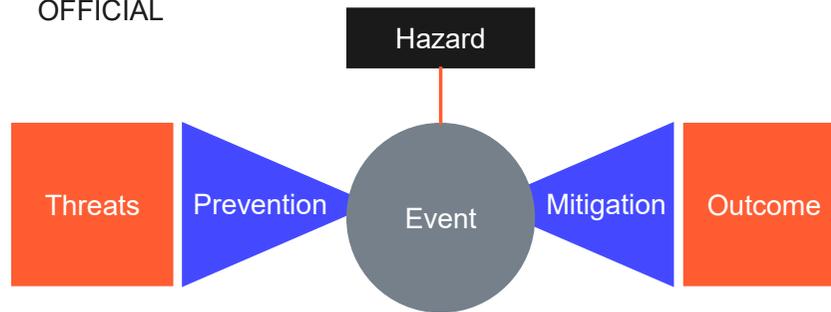
Resulting in:

12	injuries to members of staff
17	injured parties required one or more days away from work to recover
574	days lost
0.248	OSHA Rate per 200,000 hours worked

Injury arising from:

- 9** People striking against or being struck by an object resulting in fractures, cuts and / or pain
- 9** Slip / trip / falls of persons at the same level resulting in fractures and / or pain / strain / sprain
- 2** Contact with a sharp item resulting in cuts
- 2** Instances of an airborne particle entered the eye
- 1** **Each:**
 - Contact with hot water resulting in a burn
 - A road traffic accident

We have applied a US Occupational Safety & Health Administration (OSHA) Classification to injury and illness records so we can benchmark against other UK and US operators who use the system. OSHA also provides a greater range of predefined injury classifications than RIDDOR, so is a better way to track personal injuries.



Process Safety

- Process Safety performance remains at an acceptable risk level.
- 3 Process Safety Loss of Control/Containment events raised between 30th Sept 2024 – 28th Feb 2024.
- All three events have been investigated, and appropriate preventative actions have been put in place.
- Process Safety training remains a priority. Process Safety Leadership is being delivered for senior leaders, Process Safety Management for supervisors and Process Safety Awareness for apprentices.
- Bespoke process safety training delivery was completed in the period for Explosives Technology Centre.
- Extended Reality training continues to be developed and is used to raise hazard awareness amongst staff at all levels of the organisation. Virtual Chemical Store was completed and delivered in 2024 and now further extended reality is being progressed with XTC and scenarios are currently being developed.

Number of Events Notified to the ONR in Calendar Year 2025 to end of February:

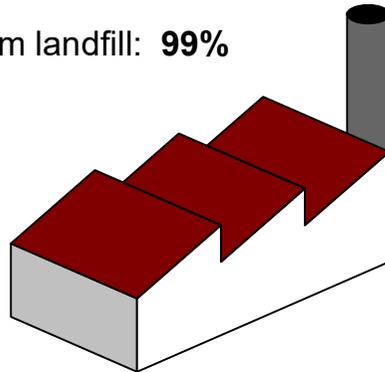
5



Our Commitment to Protecting the Environment & People

Waste Management

The Environment Management target for diverted from landfill: **99%**
Total waste diverted from landfill: **99.4%**



Nuclear Worker

Annual UK Occupational Dose Limit: **20,000 μ Sv**
AWE Individual Radiation Dose: **780 μ Sv**

Radiation dose put into context:

Annual UK non-occupational radiation dose is 2,700 μ Sv.
This is the average level of radiation dose that a person resident in the UK will receive each year from background sources of radiation.

Assessed public dose put into context:

A dose of 10 μ Sv (microsieverts) is comparable to that expected to be received from eating a 100g bag of Brazil nuts.



Discharge to Air

Assessed Dose Aldermaston: **1.8 μ Sv**
Assessed Dose Burghfield: **< 0.1 μ Sv**



Trade Effluent

Assessed Dose Aldermaston: **< 0.1 μ Sv**
Assessed Dose Burghfield: **< 0.1 μ Sv**



Discharge to Water

Assessed Dose Aldermaston Stream: **< 0.1 μ Sv**

Direct Dose at Site Boundary

Maximum Dose Aldermaston: **11 μ Sv**
Maximum Dose Burghfield: **indistinguishable from natural background**

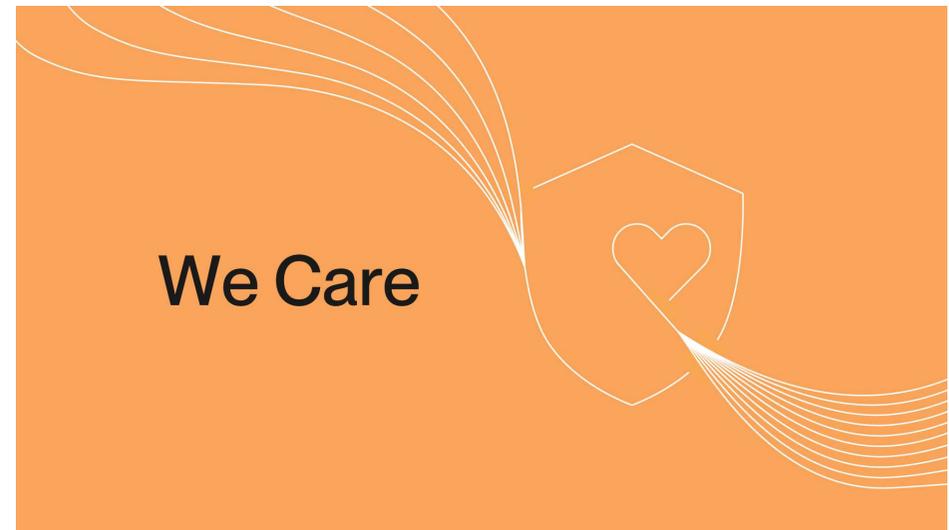
We Care

April 2025



What is We Care?

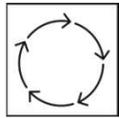
- We Care is the umbrella under which we are delivering a safety uplift programme of improvement across AWE
- It encompasses the components of care, which are: Environment, Learning from Experience, Safety, Security, Quality & Wellbeing
- 2024 saw the programme focus on tactical wins
- 2025/26 will focus on data led and metric measured improvements





Environment

Protect the environment. Act sustainably. Minimise our environmental impact and carbon footprint.



LfE

Enabling everyone to discover, contribute, share and learn – improving for a better AWE future.



Safety

Take responsibility for your own safety and for those around you to ensure we all get home safe, every day.



Wellbeing

We value your physical and emotional wellbeing. It's at the heart of a thriving workforce.



Quality

We can be proud of the way we deliver our mission because of the meticulous care we take. Implementing our processes, In our products and services. In everything we do.



Security

Be responsible for, and confident in, protecting ourselves, our colleagues and our nation's security.

We Care Recognition

- A way to recognise people for showing that, at AWE, We Care
- Recognise colleagues for showing they care against the We Care components; Environment, Learning from Experience, Safety, Security, Wellbeing & Quality via a single page submission via your local Safety or Quality Manager

We Care collateral – Life Saving Rules & Office Behaviours

AWVE NUCLEAR SECURITY TECHNOLOGIES | Life Saving Rules

The AWE LSRs provide practical support in the application of our control of work process. They are aimed at craft based technicians, employees or contractors working at AWE operated sites. The LSRs should be used to identify where the potential for incidents, serious injuries or major loss could be realised.

Your STOP work authority → our most important barrier.

In accordance with LC26 (Control and Supervision of Operations), AWE will STOP any activity that in our opinion is not being undertaken Safely or Securely.

<p>OUR BEHAVIOUR</p> <ul style="list-style-type: none"> Always remain vigilant and aware of your surroundings. Always look out for your colleagues. Always speak up and challenge unsafe behaviours. Always STOP work and ask for advice if you believe that it is not Safe. Are people fit for work? 	<p>ENERGY ISOLATION</p> <ul style="list-style-type: none"> Verify isolation and zero energy before work begins – TEST before touch. Always follow the isolation procedure in place – DO NOT remove isolations unless authorised to do so. Observe all notices and signs. Identify ALL energy sources, electrical and mechanical including stored energy. Ensure that energy sources have been isolated, locked, and tagged. 	<p>MECHANICAL LIFTING</p> <ul style="list-style-type: none"> Follow the approved lifting plan, and only perform lifting and rigging operations using certified equipment that you are trained to use. DO NOT walk under a suspended load or let others. Check that the lifting equipment and load are fit for purpose. Obey barriers and exclusion zones.
<p>EXCAVATION</p> <ul style="list-style-type: none"> Ensure that all services are identified and marked before any dig begins. Only enter a trench or excavation through safe access and egress points. Ensure that the excavation has been inspected and secured and report any changing conditions such as water ingress or collapse. Ensure that adequate edge protection is in place. 	<p>EXPLOSIVES</p> <ul style="list-style-type: none"> Confirm that there are NO EXPLOSIVES present within areas that you intend to work. Confirm a suitable AWE Explosives Worker has been provided as an escort. Confirm that all your tools and equipment have been authorised by the Explosives Area Facility Management. 	<p>HOT WORKS</p> <ul style="list-style-type: none"> Always identify and control ignition sources before starting any hot work. Confirm that flammable materials have been removed. Ensure that you are authorised to carry out the work (gas tested, atmosphere monitored etc.) – ensure that ATEX requirements are met. Ensure that this appropriate fire watch has been carried out after work completion.
<p>SAFE DRIVING MOBILE PLANT</p> <ul style="list-style-type: none"> Do not use a mobile phone when driving. Always walk to your work area on a safe agreed route – properly segregated routes. NEVER stand behind or between any vehicle(s) engine running or not. Only operate certified plant that you are trained to use. Carry out pre-use checks and report faults. 	<p>SAFE DRIVING MOBILE PLANT</p> <ul style="list-style-type: none"> Do not use a mobile phone when driving. Always walk to your work area on a safe agreed route – properly segregated routes. NEVER stand behind or between any vehicle(s) engine running or not. Only operate certified plant that you are trained to use. Carry out pre-use checks and report faults. 	<p>SAFE DRIVING MOBILE PLANT</p> <ul style="list-style-type: none"> Do not use a mobile phone when driving. Always walk to your work area on a safe agreed route – properly segregated routes. NEVER stand behind or between any vehicle(s) engine running or not. Only operate certified plant that you are trained to use. Carry out pre-use checks and report faults.
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<p>IONISING RADIATION</p> <ul style="list-style-type: none"> Before starting work ensure that you are aware of the escape route if an incident should occur and that minimum manning has been achieved. Make sure that you have read and understand the local rules, and wear the correct PPE at all times. Ensure your dosimetry is in date and you are wearing it. 	<p>IONISING RADIATION</p> <ul style="list-style-type: none"> Before starting work ensure that you are aware of the escape route if an incident should occur and that minimum manning has been achieved. Make sure that you have read and understand the local rules, and wear the correct PPE at all times. Ensure your dosimetry is in date and you are wearing it. 	<p>IONISING RADIATION</p> <ul style="list-style-type: none"> Before starting work ensure that you are aware of the escape route if an incident should occur and that minimum manning has been achieved. Make sure that you have read and understand the local rules, and wear the correct PPE at all times. Ensure your dosimetry is in date and you are wearing it.

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<p>IONISING RADIATION</p> <ul style="list-style-type: none"> Before starting work ensure that you are aware of the escape route if an incident should occur and that minimum manning has been achieved. Make sure that you have read and understand the local rules, and wear the correct PPE at all times. Ensure your dosimetry is in date and you are wearing it. 	<p>IONISING RADIATION</p> <ul style="list-style-type: none"> Before starting work ensure that you are aware of the escape route if an incident should occur and that minimum manning has been achieved. Make sure that you have read and understand the local rules, and wear the correct PPE at all times. Ensure your dosimetry is in date and you are wearing it. 	<p>IONISING RADIATION</p> <ul style="list-style-type: none"> Before starting work ensure that you are aware of the escape route if an incident should occur and that minimum manning has been achieved. Make sure that you have read and understand the local rules, and wear the correct PPE at all times. Ensure your dosimetry is in date and you are wearing it.

AWVE NUCLEAR SECURITY TECHNOLOGIES

What is expected of you:

- Always remain vigilant and aware of your surroundings.
- Always look out for your colleagues.
- Always speak up and challenge unsafe behaviours.
- Always STOP work and ask for advice if you believe that it is not Safe.
- Are people fit for work?

Safe Office Behaviours

<p>KEEP IT CLEAN</p>	<p>A tidier workspace can help us be more efficient, safer and reduce stress. Don't need it? Bin it. But use the right one. Over Official-Sensitive? Shred it!</p>	<p>HOT DRINKS</p>	<p>If it's hot - don't trot! Take care, put a lid on it, avoid the stairs and if you spill it - clean it.</p>
<p>MANUAL HANDLING</p>	<p>Moving items? Make sure your route is clear. Be safe - don't lift heavy loads. Call ???</p>	<p>INCIDENT REPORTING</p>	<p>Had a near miss or an incident? Report it. Use the Itrac system More serious? Call 222 for emergencies.</p>
<p>EMERGENCY PROCEDURES</p>	<p>Know your alarms and emergency procedures. Keep emergency exits clear. Sign in/ out of buildings as required.</p>	<p>SWITCH IT OFF</p>	<p>Reduce energy consumption and the risk of fire by switching off electrical equipment, where possible, when not in use.</p>
<p>ARE YOU SITTING COMFORTABLY?</p>	<p>Ensure your work station is set up correctly. Don't use defective equipment e.g. unstable chairs. Close blinds if the sun shines on your screen.</p>	<p>SMOKING AND VAPING</p>	<p>Smoking is only permitted in designated areas. Vaping is allowed outdoors but not inside buildings e.g. canteen.</p>
<p>ELECTRICAL EQUIPMENT</p>	<p>Report any defective electrical equipment. Ensure that the equipment is appropriately PAT tested and in date.</p>	<p>WALKING AND SPATIAL AWARENESS</p>	<p>Look out for trip hazards, report poor lighting, litter or abandoned materials. Take care on the stairs and hold on to the handrail.</p>

LOOK AFTER YOURSELF AND YOUR COLLEAGUES - FOLLOW THE SAFE OFFICE BEHAVIOURS

MSP702 ver 3.0 Work Control

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We Care – Life Saving Rules posters and wall boards for WCCs



Life Saving Rules

The AWE LSRs provide practical support in the application of our control of work process. They are aimed at craft based technicians, employees or contractors working at AWE operated sites. The LSRs should be used to identify where the potential for incidents, serious injuries or major loss could be realised.

Your STOP Work Authority (SWA) → our most important barrier.

In accordance with LC26 (Control and Supervision of Operations), AWE will STOP any activity that in our opinion is not being undertaken safely or securely.

<p>ENERGY ISOLATION</p> <ul style="list-style-type: none"> Verify isolation and zero energy before work begins – TEST before touch. Always follow the isolation procedure in place – DO NOT remove isolations unless authorised to do so. Close all valves and signs. Identify ALL energy sources, electrical and mechanical including stored energy. Ensure that energy sources have been isolated, locked and tagged. 	<p>MECHANICAL LIFTING</p> <ul style="list-style-type: none"> Follow the approved lifting plan, and only perform lifting and rigging operations using certified equipment that you are trained to use. DO NOT walk under a suspended load or lift others. Check that the lifting equipment and load are fit for purpose. Obey barriers and exclusion zones.
<p>EXCAVATION</p> <ul style="list-style-type: none"> Ensure that all services are identified and marked before any dig begins. Only enter a trench or excavation through safe access and egress points. Ensure that the excavation has been impeded and secured and report any changing conditions such as water ingress or collapse. Ensure that adequate edge protection is in place. 	<p>EXPLOSIVES</p> <ul style="list-style-type: none"> Confirm that there are NO EXPLOSIVES present within areas that you intend to work. Confirm suitable AWE Explosives Worker has been provided as an escort. Confirm that all your tools and equipment have been authorised by the Explosives Area Facility Management.
<p>HOT WORKS</p> <ul style="list-style-type: none"> Always identify and control ignition sources before starting any hot works. Confirm that flammable materials have been removed. Ensure that you are authorised to carry out the work (gas tested, atmosphere monitored etc.) - ensure that PPE requirements are met. Ensure that the appropriate fire watch has been carried out after work completion. 	<p>SAFE DRIVING MOBILE PLANT</p> <ul style="list-style-type: none"> Do not use a mobile phone when driving. Always walk to your work area on a safely agreed route – properly segregated routes. NEVER stand behind or between any vehicle's engine running or not. Only operate certified plant that you are trained to use. Carry out pre-use checks and report faults.
<p>CONFINED SPACES</p> <ul style="list-style-type: none"> Entry to the last resort – consider other means to avoid confined space entry. Obtain authorisation before entering a confined space, consider that: <ul style="list-style-type: none"> Energy sources are isolated. The atmosphere has been tested and is breathable. Use breathing apparatus when required. Stand by next and rescue plan always required. 	<p>ASBESTOS</p> <ul style="list-style-type: none"> Ensure the work area has been checked for asbestos. Intrusive work may require further surveys. Be aware of asbestos materials near to the work area – look for warning signs/banners. Do not deviate from the planned work and scope. If you encounter suspected asbestos, STOP work and report it.
<p>EMERGENCY RADIATION</p> <ul style="list-style-type: none"> Before starting work ensure that you are aware of the escape route if an incident should occur and that emergency training has been achieved. Make sure that you have read and understood the briefings, and wear the correct PPE at all times. Ensure your dosimetry is in date and you are wearing it. 	<p>WORKING AT HEIGHT</p> <ul style="list-style-type: none"> Work at height must be the last resort – consider other methods/technology. Protect yourself against falls and others from dropped objects. Always use the specified protective equipment when working at height. Ensure 100% fall protection where required (suitable lanyard) to approved anchor point.

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LOOK AFTER YOURSELF AND YOUR COLLEAGUES - FOLLOW THE SAFE OFFICE BEHAVIOURS

We Care – We Care Cards



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We Care 2025/2026

- Deliver two business-wide ‘Stop for...’ sessions in May and November
- Establish New AWE Site Rules
- Improve SLT Visual Leadership
- Improve Psychological safety



Questions?

OFFICIAL



Any Other Business

**AWE Education
Collection – celebrating
75 years**



OFFICIAL

Next Meeting Date

112 LLC

6th November 2025