

# Nuclear Legacy Advisory Forum (NULEAF) visit

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## Dungeness A Site 11 June 2025

09/06/2025



# Housekeeping

- Visitor safety
  - Weather
  - PPE
  - Escorts
- Alarms – No planned testing
- Muster/Fire assembly points
- Domestic
  - Bathrooms
  - Smoking



# Dungeness site overview

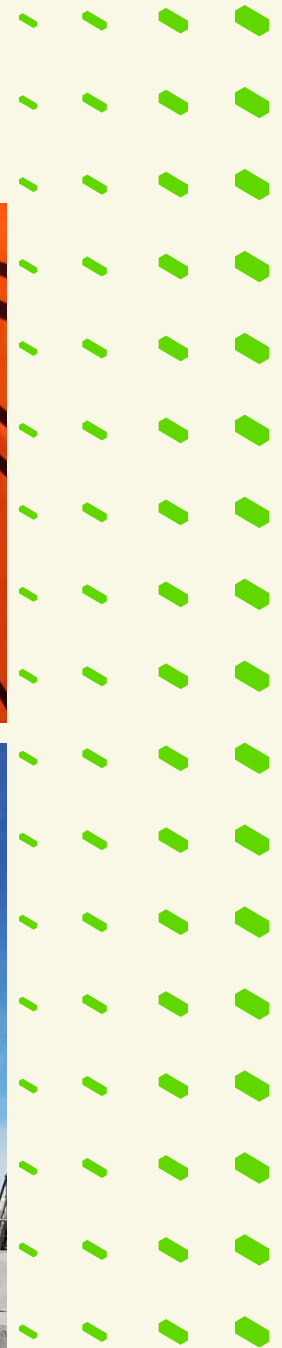
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- Generated electricity safely and reliably from 1965 to 2006
- Commenced decommissioning in 2007 and completed defueling in 2012
- Turbine Hall demolished in 2015
- Ponds draining completed in 2019 and stabilisation milestone achieved in 2023
- Thermal Insulation (asbestos) removal completed in 2021
- Intermediate Level Waste (ILW) resin retrieval completed in 2024
- ILW Desiccant retrieval completed in 2024



# Overview of activities 2025 – 2034

- Radioactive waste retrieval and conditioning
- Decommissioning and demolition of degraded structures
- Asset Management of facilities
- Integration with Dungeness B
- Preparation for Dungeness A Reactor Dismantling



# Site staffing

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Figures as at end of March 2025	
NRS employees	171.01
Agency Supplied Workers (ASW)	38
Contract Supplied Workers (CSW)	23
<b>Total</b>	<b>232.01</b>

- MSO based at DNA total: ~ 50
- Apprentices' recruitment for August 2025
- On-going project work on succession data (retirements) and apprentice landing pads



# Why talk about the weather! A British passtime

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- During recent storms, the site suffered extensive damage, including reactor 2 building cladding
- We are working through our recovery phase



# R2 South face cladding progress

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- R2 south face de-classified and access not via Radiation Controlled Area (RCA)
- 100% of old cladding & backing sheets removed
- Asbestos remediation completed
- Internal weather protection scaffolding installed on 9th floor
- Lead paint removal completed
- Mast climber installed and operational
- Detailed design in final stages for Design Authority Review (DAR) 4 approval
- Phase 2 contract implemented
- New steel work fixings being installed, and 30% of materials ordered
- PGB approval given to replace damaged lightning protect system



# Boilers and ancillary plant degradation issues



Spring hangars



Internal supporting structures



1 of 8 Boilers at time/year of installation – the boilers themselves are in good order, the need for the project is the degrading supporting structures



Floor grating



Horizontal support structures

# **Scope and Sequence (boilers and ancillary plant video)**



# Boilers and ancillary plant removal

– **project benefits**

Fully addresses the plant degradation issues

Removes 145,500m<sup>3</sup> of buildings representing 33% of the total building structures at Dungeness

Removes > 7170 tonnes of steel, 131km of cable and 17,865 tonnes of reinforced concrete

Represents 36% of the total Dungeness spend

Develops large-scale demolition and boiler removal techniques applicable to other NRS sites and growth of UK nuclear decommissioning supply chain capability

# Boilers and ancillary plant removal – end state

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# Asset care projects

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## Projects 2025-26

- Cladding reinforcements
    - Start: Jan 2025
    - Completion: Oct 2025
  - Towns Water installations
    - Start Jan 2025
    - Completion Mar 2025
  - Sewage plant POCO
    - Start: Nov 2025
    - Completion: Mar 2025
  - Surface drains pump replacements work package preparation - to be executed in 2025-26
  - PWFCR TX replacement work package preparation – optioneering to be executed in 2025-26
- Welfare upgrades
    - Start: Nov 2025
    - Completion: Feb 2025
  - Main car park improvements
    - Start: Jan 2025
    - Completion: Mar 2025
  - Sewage plant demolition
    - Start: Feb 2025
    - Completion: July 2025



# Asset management projects 2025/26

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1. ACP-1431 Welfare upgrades (completion March 2025)
2. ACP-738 Sewage plant POCO (completion Jan 2025/Feb 2025)
3. ACP-589 Towns water phase D works (completion March 2025 - Self perform)
4. ACP-1823 Sewage plant DEMO (completion April 2025)
5. ACP-934 Reactor cladding reinforcements (completion July 2025)
6. ACP-836 Surface drains pumps replacement (deferred to 2025/26)
7. ACP-1556 PWFCR Tx replacement (deferred to 2025/26)



# Waste Projects new builds

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# Waste Projects – New Waste Transfer Bldg (B132)

- Building to house Waste Transfer Area (WTA)
- Building construction complete  
c/w all L&SP
- Main contractor demobilised
- Security systems installation complete
- All supplies SRCC'd  
(Safety Rule Clearance Certificate)
- All equipment / plant PUWER  
(Provision and Use of Work Equipment Regulations) reviewed.
- Building handed over to Main Contractor for the installation of the WTA (Nuvia)
- **This project is a pre-requisite to the boiler removal project COMPLETED.**



# Waste Projects – New Package Handling Facility (B133)

- Building to house all facilities for handling, loading Ductile Cast Iron Containers
- Building construction complete  
c/w 40Te EOTC and all L&SP
- Main contractor demobilised
- Security systems installation complete
- Internal shield walls erected
- All supplies SRCC'd
- All equipment / plant PUWER reviewed.
- Building handed over to Waste Operations
- **This project is a pre-requisite to the boiler removal project COMPLETED.**



# Waste Projects – New Wet Waste Building (B134)

- Building to house Drum Store and relocated Wet Waste Transfer Facility (WWTF)
- Building construction complete  
c/w 40Te EOTC and all L&SP
- Main contractor demobilised
- Security systems installation complete
- Internal and external shield walls erected
- All supplies SRCC'd
- All equipment / plant PUWER reviewed.
- Building handed over to Waste Operations
- **This project is a pre-requisite to the boiler removal project COMPLETED.**



Q&A

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Thank you

