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Winfrith Site Stakeholder Group (SSG)

27th January 2021

Andrew Munro

Site Director - Harwell & Winfrith

Magnox - Winfrith Site

- Covid-19
- Site operations
- Health, Safety, Security, Environment and Quality
- Discharge pipeline
- Site end state
- Magnox Socio-Economic Scheme



Covid-19

- First Lockdown (Mar 20)
 - Site shutdown to monitoring & surveillance only within a 2-day period.
 - 16 weeks in full shutdown.
- Re-start
 - Commenced start of Jun 20.
 - Back in full operations by mid-Sep 20.
- Health Protection Controls / Covid-Secure Workplaces
 - Compliance with Company Standard (S-192) based on latest Government advice.
- Covid-19 cases
 - Small handful of unconnected positive Covid-19 cases for people based at site.



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Site Operations

- Operational Levels
 - L1 (Full) to L5 (March 20 lockdown).
 - Site currently open for normal business and fully operational (L1).
- Decommissioning Programmes – Maintaining Full Production Levels
 - SGHWR
 - DRAGON
 - Plant & Structures
 - Site Restoration
- Budgets and funding for 2021/22
- Lifetime Plan Review



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Health, Safety, Security, Environment & Quality

Conventional Safety

- More than 12-months without an injury.
- But a recent minor finger injury at SGHWR (Jan 21).

Regulatory Issues

- Sep 2019: Warning Letter (EA) and Enforcement letter (ONR) regarding VLLW (Very Low Level Waste) and Out-of-scope waste consignment events; Winfrith and Harwell (Mar-Jun 2019) – *regulatory issue closed by ONR.*
- Licence Condition 17: Harwell-Winfrith Management System – *improvement plan underway.*



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Health, Safety, Security, Environment & Quality

Environmental Events

- Blacknoll Heath fire and subsequent water leak in SGHWR (28-29th Jun '20).
- Environmental monitoring quarterly report sent to EA with a page missing (2nd Mar 20). Scanning error that was addressed.
- Environmental monitoring return sent to EA with an error in gamma dose rate results on 31st Mar 20. Error addressed.
- Anomaly found on ventilation flow settings on return to service of SGHWR vent systems after lockdown pause in operations (27th Jul 20).
- Loss of stack flow data due to an error by operative in SGHWR (19th Nov 20).



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Discharge Pipeline

- Operational effluent discharge from 1960–to date.
- 9.7km terrestrial and 3.7km marine sections.
- Carried out an options assessment involving many stakeholders regarding what to do with pipeline.
- A decision taken to remove sea and terrestrial section, further work to decide on strategy for MoD section.
- Now the agreed strategy.
- Magnox embarking on a planning/optioneering phase that will involve stakeholder communication & management.
- If you would like the information flyer produced on the pipeline work please contact emma.burwood@magnoxsites.com.



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Pipeline overview



Site end state

- Work is continuing to define the details of the End State for the Site, including:
 - Detailed modelling and design work for on-site disposals at SGHWR/Dragon continues, including assessment of impact of climate change on the site
 - Review of sustainable approaches to recovery of demolition arisings.
- Plans in 2021
 - Recommence environment and habitat surveys to support EIA
 - Continued stakeholder engagement on design of disposals at SGHWR and Dragon and restoration management plan
 - Further definition of End State designs for SGHWR and Dragon.



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Magnox Socio-economics – 2020/21

Magnox Soc-ec Scheme (Magnox wide) £1,020,035 of funding available from 01/04/20

- £25,000 made available to support local Covid-19 initiatives at each site.
£300,000 committed from the overall scheme.
 - Dorset Council applied for and received £14,000 to date
- Dorset Wildlife Trust £7,500 first trainee (part of three year £22,500 package)
- Winfrith & Lulworth School have received £7,700 - replacement heat pump and housing sheds for the swimming pool.
- Dorchester Choral Society £815 - production of Seasonal DVD

For further information and to check eligibility, go to:

<https://www.gov.uk/government/collections/magnox-working-with-our-communities> For applications under £1,000 contact Emma Burwood:
Emma.burwood@magnoxsites.com

Applications over £1,000 Contact Haf Morris: Haf.e.morris@magnoxsites.com
or tel: 07912799820





NDA Update

Jonathan Jenkin

Winfrith SSG
27 January 2021

NDA Update

NDA Group COVID-19 Recovery Plans

- NDA Group continues to respond to the impacts of the Covid pandemic
- Good progress in restarting site operations across the NDA Group since the first lockdown
- Reduction in staff presence at some sites (e.g. Sellafield)
- NDA Corporate Centre staff continuing to work from home except essential office access
- Health, safety and wellbeing of staff remains our top priority

NDA Update

New NDA Chair

- Our new Chair, Ros Rivaz, started with the NDA on 1 September 2020.
- Ros started her career in ExxonMobil, specialising in supply chain leadership. She has worked in senior roles for Tate & Lyle, ICI, Diageo and Premier Foods and was Smith & Nephew's Global Chief Operating Officer from 2011-2014.



NDA Update

New NDA Non Executive Director

- Welcome the appointment of Francis Livens to NDA Board
- Over 35 years' experience in nuclear research
- Professor of Radiochemistry and Director of University of Manchester Dalton Institute
- Member of Nuclear Innovation & Research Advisory Board and ONR Independent Advisory Panel



NDA Update

New Dounreay Managing Director

- Welcome the appointment of Mark Rouse as MD of Dounreay Site Restoration Ltd from 1 April
- Mark took up role as MD in March 2020
- Second spell at the site (2013 – 2015)
- Previously President of Cavendish Nuclear Japan



NDA Update

Draft Business Plan, 2021 - 2024

- Draft business plan published on 8 December for 8 week public consultation
- Sets out NDA Group spending plans and priorities for financial years 2021 – 2024
- Incorporates outcome of 2020 Spending Review settlement
- Consultation ends on 2 February
- We welcome your comments

NDA Update

Nuclear Transport Solutions

- Single transport division bringing together transport expertise and capabilities across the NDA Group
- Will begin operating as a single organisation on 1 February ahead of its full launch in April
- Transportation of spent fuel, nuclear materials, return of reprocessing products to overseas customers, packaging and licensing support to NDA Group
- Intention to create a single waste division

NDA Update

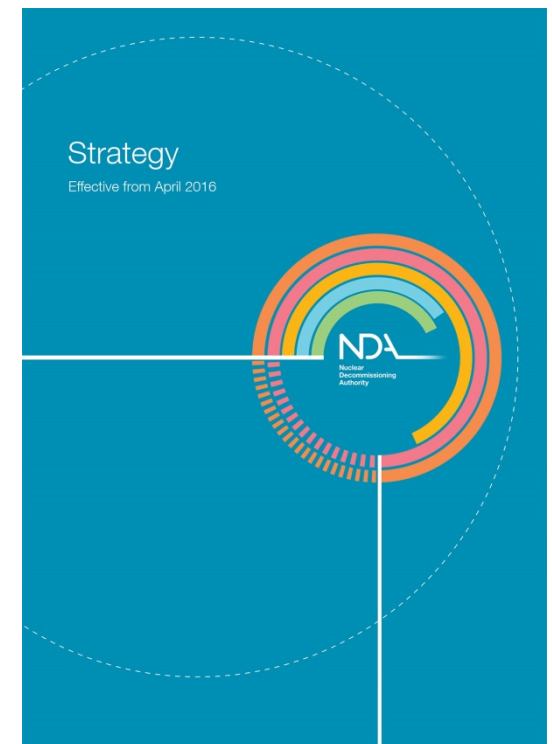
GDF Working Groups

- Radioactive Waste Management (RWM) has welcomed the formation of the first two Working Groups in Copeland and Allerdale
- Important steps in the Geological Disposal Facility (GDF) programme
- Working Groups will begin local discussions and fact-finding about potentially siting a GDF in Copeland
- Does not guarantee that a GDF will be sited in Copeland or preclude other communities from establishing Working Groups

NDA Update

Draft Strategy 4

- Our Strategy has to be reviewed at least every 5 years
- Current Strategy was published in 2016
- Draft Strategy 4 published for public consultation from 17 August – 8 November
- Final approved Strategy published by 31 March 2021



NDA Update

Draft Strategy 4 – Stakeholder Engagement

- Pre-engagement phase
 - Information packs sent to key stakeholders
 - Virtual meetings (NGO Forum, SSG sub-groups, Theme Overview Groups etc.)
- Consultation phase
 - Full document published on gov.uk
 - Social media promotion of S4
 - Virtual meetings with stakeholders, including national stakeholder event, NGO Forum, NuLeAF etc.

NDA Update

Draft Strategy 4: Consultation and Next Steps

- Approximately 70 sets of comments from a range of stakeholders
- We have carefully considered all comments and, where possible, taken them into account in the final draft
- Final draft has been submitted to UK and Scottish Ministers for approval
- Final Strategy will be published by 31 March 2021 with consultation response document



Making a difference



Reactors Programme Winfrith

Winfrith SSG 27th January 2021

Kevin McIntyre

Reactors Programme Manager



Winfrith

- SGHWR
- Dragon
- Plant and Structures
- Next Steps

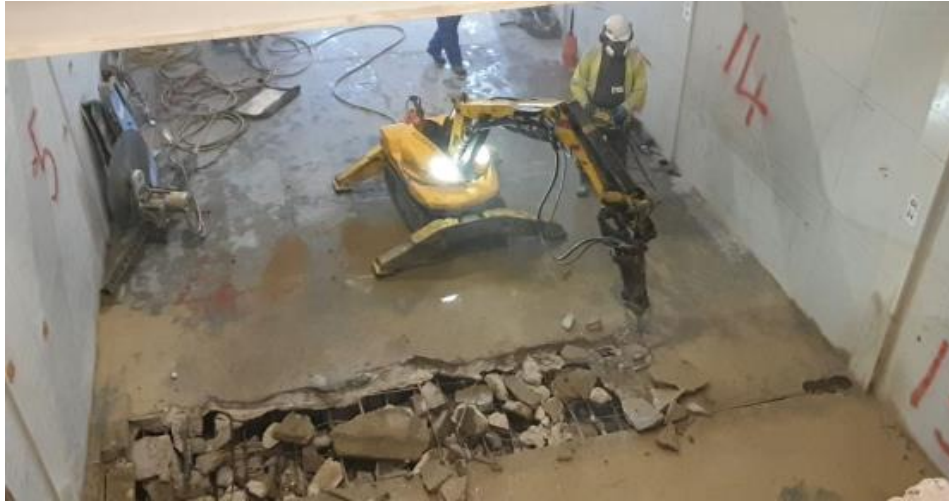
SGHWR South annex construction



SGHWR turbine hall demolition



SGHWR North annexe demolition



SGHWR primary containment



SGHWR manufacturing



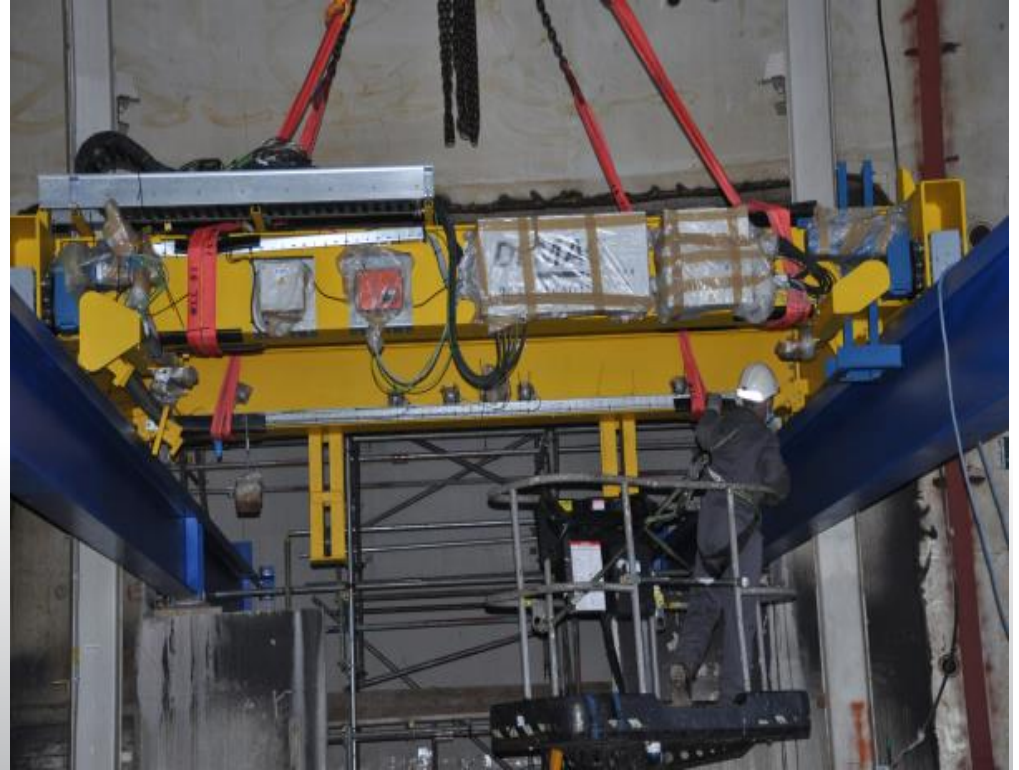
Dragon - Last areas of decommissioning



Dragon switch room and control room



Dragon



Dragon



Plant and Structures



Plant and Structures



The Future