

Magnox update

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Magnox

Updates

- Business progress
- Strategy change – rolling decommissioning
- End state development
- Lifetime plan updates



Business progress

- Delivery continued despite 'pause' during pandemic
- ILW targets met – 70te retrieved
- Completion of significant asbestos removal programmes
 - Dungeness – 420te
 - Hinkley – 92te
- Off-site discharge pipeline removed at Harwell
- Commitment to smarter working across the business
- Additional provision for mental health and wellbeing

- Covid response saw:
 - 150,000 items of PPE donated
 - 5,400 hours volunteered by staff
 - £300,000 awarded to communities
 - Increased remote working for staff



Strategy change – rolling decommissioning

- Move away from ‘care and maintenance’
- ‘Peloton’ approach – no site left behind and hazard reduction continues across the business
- Lead and learn at Trawsfynydd
- Optimum strategy will be developed for each site
- No change at Harwell and Winfrith
- Change reflected in NDA Strategy 4
- Safety, security and the environment remain paramount



Strategy change – rolling decommissioning

- Detailed business plan to be signed-off by Autumn 2021 - Magnox and NDA boards
- £20bn programme of work to be delivered
- Short-term funding to be agreed
- Ongoing employment across the sites
- Work to continue as planned in short term, including:
 - High hazard waste
 - Asbestos strips
 - Asset management



End state development work

- Regulatory requirement to review end states across our sites – ‘GRR’ (Guidance on Requirements for Release of Nuclear Sites from Radioactive Substances Regulation)
- BEIS also changed policy on releasing nuclear licensed sites from nuclear safety regulation (**the Nuclear Installations Act 1965 – NIA 65**) - encourages more proportionate approach to regulating sites during the final stages of decommissioning and clean-up – awaiting primary legislation
- Optimise waste management in line with site permits



End state development work

- Trials of guidance ran at Trawsfynydd, Winfrith and Dounreay in 2016-18
 - Concluded that in-situ disposal of some LLW was both feasible and desirable at Trawsfynydd and Winfrith
- Progressively reviewing end states across Magnox sites – Berkeley first
- Stakeholders involved throughout – consideration of factors that should be used to assess site end state options



End state development work

- Trawsfynydd:
 - Apply for permission to vary the material use of the site in late 2021
 - Submit applications for planning permission and an environmental permit to progress plans for the ponds complex in May 2022
- Winfrith:
 - Freeze concept design for on-site disposal end 2021
 - Submit applications for planning permission and an environmental permit in 2023



Lifetime plan updates

- Two phases of lifetime plan repairs completed in 2020/21
- Improved budgeting and accountability through three-year integrated planning cycle
- Further updates to take account of rolling decommissioning strategy change
- Changes for sites available 2022
- NDA business plan 2022 also currently under development



Questions

