

## Scope of the Problematic Waste Integrated Project Team

Integrated waste management is an important component of the Nuclear Decommissioning Authority's (NDA) current strategy. This strategy recognises the need to ensure that effective waste plans are being implemented across the NDA estate and that risks are managed and opportunities pursued at both site and estate level, including the management of problematic waste.

Problematic radioactive waste, in the nuclear industry, describes any waste for which no defined waste management route is either available or currently planned in detail, or for which the existing solution is significantly sub-optimal. These are wastes from across the radiological spectrum including lower and higher activity waste.

In order to support the NDA's strategy, published in April 2016, an Integrated Project Team (IPT) on problematic radioactive waste was established in May 2016. The IPT is being led on behalf of the NDA by Radioactive Waste Management Ltd (RWM) and LLW Repository Ltd.

The objective of the IPT is to develop a co-ordinated and improved approach to the industry-wide management of problematic radioactive waste. The IPT will act as a focal point for this approach.

### Work to date:

- An initial stakeholder workshop was held in July 2016 to introduce the IPT.
- A Community of Practice has been established with UK radioactive waste owners (meetings held in October 2016, February and June 2017).
- UK regulators have been consulted and have had the opportunity to provide feedback on the IPT and its work programme.
- The problematic waste inventory has been updated.
- An inventory calendar tool has been developed using the updated problematic waste inventory, including details on timing of operational and decommissioning programmes and key points when waste groups will become part of the critical path for site decommissioning and remediation.
- A report summarising previous work on problematic waste has been produced and published ([http://llwrsite.com/wp-content/uploads/2017/03/Summary-of-Previous-Work-on-Problematic-Waste\\_Mar-2017.pdf](http://llwrsite.com/wp-content/uploads/2017/03/Summary-of-Previous-Work-on-Problematic-Waste_Mar-2017.pdf).)
- A preferred strategic position paper for short, medium and long-term opportunities has been produced.

### Work planned for FY17/18:

- R&D tasks on specific waste groups, identified by the Community of Practice. The initial focus is on sludges, oils and oily wastes, chemicals and ion exchange materials.
- Development of a knowledge management system and a tool for sharing information on management approaches for problematic wastes.
- Further Community of Practice meetings to discuss R&D requirements for specific waste groups and the issues surrounding the management of problematic wastes.



- Engagement with supply chain organisations to inform them of the work of the IPT.
- Continuing engagement with regulators and other stakeholders to provide them with opportunities to feed back on the work of the IPT.
- A further update to the problematic waste inventory using a revised inventory specification and an update to the inventory summary report.

For more information on the Problematic Waste IPT, please contact the IPT core team:

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