UK National Nuclear Laboratory support to Sellafield

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Graham Fairhall, Chief Science and Technology Officer
Background

• NNL formed from BNFL R&D Division
• Long history of underpinning activities at Sellafield
• Most of NNL staff based on Sellafield site or in area
• Key objective for NNL is to provide solutions to technical challenges
  • Accelerate clean up program
  • Improve operational performance
  • Reduce costs
  • Innovation
  • Trusted advisor
Technical Support
Working with Sellafield Ltd

- Agreement to work in Partnership
- Joint objectives for key technical staff from both organisations
- Joint innovation workshops
- Involvement in technical Centres of Excellence
- Integrated NNL teams in programmes areas
High Level Waste Management - Operational Improvements
Highly Active Evaporator Coil Inspection Device
Vitrification Test Rig
Working with the USA

• Close links to number of US National Labs
• Support for Sellafield through extended capability
  • Legacy waste management
  • High active waste
• Supporting Sellafield through NDA / DOE agreement
  • Spent fuel management
  • Pu storage
• DOE support for NNL technology
  • Radball