

Scope of Presentation

- The UK Nuclear Industry and the National Nuclear Laboratory (NNL)
- Maintaining Talent and SAFESPUR Perspective

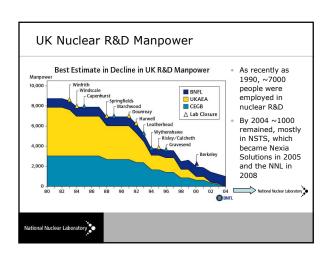
Government Energy Review/White Paper

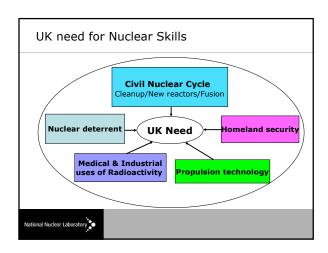
- UK Energy Review January 2006: 'Our Energy Challenge'
- Key issues (double challenge):
 - Addressing climate change
 - Ensuring security of supply/Energy Mix
 Nuclear reactors being decommissioned

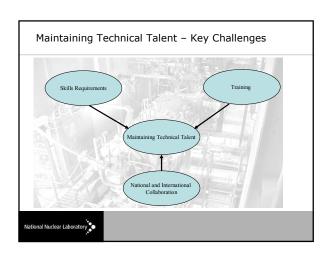
 - Increased reliance on gas
- Role for nuclear new build?
- Further consultation
- White Paper January 2008: 'Meeting the Energy Challenge'
- Nuclear power play role (clean, secure, affordable energy)
- Energy companies invited to bring forward plans to build and operate new nuclear power stations
- White Paper National Nuclear Laboratory

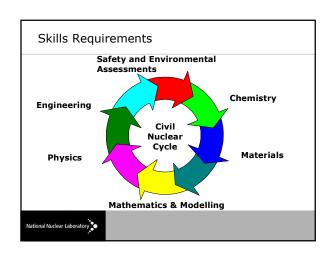
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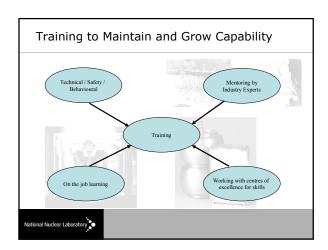
Energy Review/White Paper Wednesday 23rd July 2008 NNL Public Announcement by Rt Hon. John Hutton MP National Nuclear Laboratory National Nuclear Laboratory - Heritage and Timeline • Pre 1996: Multi Centred Nuclear Technology • 1996: Integrated Research and Technology • 2003: Nuclear Sciences and Technology Services • 2003: Acquired AEA (T) Nuclear Science Business • 2004: Shadow Subsidiary (NSTS) • 2005: Full Subsidiary Status (Nexia Solutions Ltd) • 2008: National Nuclear Laboratory ional Nuclear Laboratory National Nuclear Laboratory • 6 UK locations: Sellafield (Central/Windscale Laboratories), Preston Laboratory, Workington Laboratory, Harwell, Stonehouse and Risley • Over 600 highly qualified employees • ~60% to degree level • £200M turnover/£21M trading profit • Safety excellence: Winner of a record five consecutive RoSPA Research and Development Sector Awards, winner IChemE Health & Safety Award 2008 tional Nuclear Laboratory

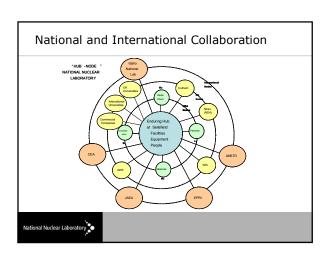












SAFESPUR Perspective

- NNL Environmental Management undertakes a wide range of work underpinning waste disposal and contaminated land
- What have we observed;
 - Since the creation of the NDA there is a greater emphasis on competition and the expertise is now spread across a larger range of organisations
 - · Important for the licensee to be knowledgeable
 - Organisations often underestimate the specific nuclear knowledge required to work on licensed sites
 - Organisations not familiar with regulations
 - Personnel and those of subcontractors require the correct skills and knowledge

National Nuclear Laboratory

SAFESPUR Perspective

- Key messages
 - Need to ensure that personnel have the right skills to deliver programmes while being able to apply these skills in other ways
 - Need to keep up to date with regulations and site specific requirements
 - Need to manage talent including succession planning
 - Innovation is important for the challenges ahead, ie remediation
 - Networking is crucial (SAFESPUR)

National Nuclear Laboratory

SAFESPUR Perspective

- What is the NNL doing
 - Partnering/collaboration to ensure complimentary skills exist
 - Strong university links
 - Links with other National Labs
 - Secondments into regulators
 - Talent management
 - Mentoring of younger employees

National Nuclear Laboratory

Summary

- Energy industry requires nuclear power as part of the energy mix
- As such environmental management will continue to be a key requirement for the industry
- National Nuclear Laboratory is now established with a remit to safeguard and enhance the key skills that are essential to deliver the UK's nuclear policy
- Maintaining and growing the skill base over the next few decades will safeguard current and future nuclear programmes

