

# Progress With the LLWR ESC

*Presentation to:  
LLWR Site Stakeholder Group*

Date: 8th December 2010

*Dr Richard Cummings – ESC Project Manager*

# Presentation

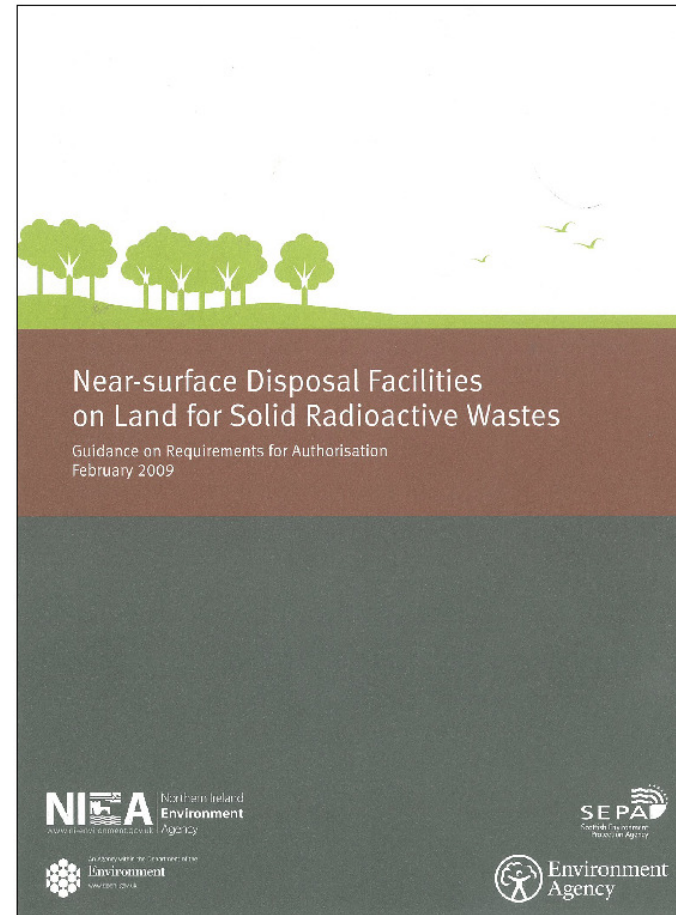
- Objective of presentation:
  - Provide update on progress with LLWR's Environmental Safety Case (ESC) since March 2010 meeting

# What is the LLWR ESC?

- Environmental safety case submitted to Environment Agency to support application to dispose of wastes
- Required to submit revised ESC by 1<sup>st</sup> May 2011
- Very important:
  - Currently only allowed to store LLW in Vault 9
  - Future of LLWR depends on ESC meeting the EA's requirements
- (Need planning permission as well to dispose)

# What Does ESC Address?

- Environment Agency guidance – the ‘GRA’ – tells us what an ESC must address
- Covers:
  - operational and post-closure environmental performance
- Excludes:
  - Worker safety
  - Security
  - Environmental aspects such as noise, traffic, socio-economic impacts addressed in Environmental Statements



# Status Last Time

- Last time discussed final designs for future vaults, cap etc.



Proposed



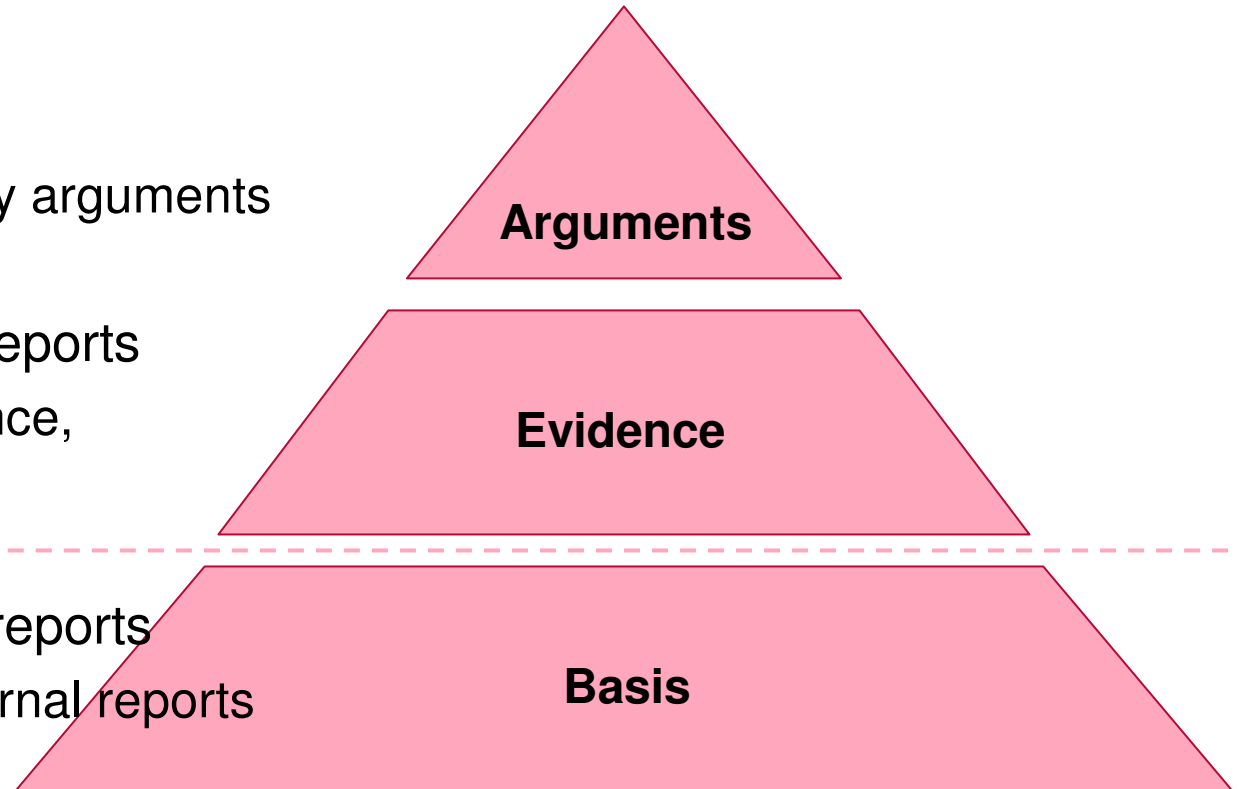
# Status

- Completed development work and froze data for assessments end April 2010
- During this last year leading up to 1<sup>st</sup> May:
  - Final hydrogeological and near-field calculations
  - Final impact assessments
  - Developing Waste Acceptance Criteria (WAC)
  - Documentation



# ESC Documentation Concept

- Level 1 - The ESC
    - presents the safety arguments
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  - Level 2 - ESC topic reports
    - present the evidence, evaluations etc.
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- Level 3 - supporting reports
    - technical and external reports



# Stakeholder Engagement

- Recent engagement:
  - Regulatory
    - Monthly EA Liaison Meetings
    - HSE/NII at Bootle
  - Local
    - Parish Council
    - Site open days
    - U3A
  - Technical
    - IAEA meetings
    - Nuclear Institute LLW conference
- Once presented 2011 ESC to EA will:
  - Put 2011 ESC on LLWR website
  - Present results to other stakeholders

# Summary

- On course to deliver ESC meeting we believe EA's requirements by 1<sup>st</sup> May 2011
- Will come and present ESC to you once delivered to EA
- Will be on website by 1<sup>st</sup> May