

**Responding to the Challenges of
Regulating the UK Nuclear Sector**

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What are the challenges?

- Decommissioning the UK's nuclear legacy
- The role of the Nuclear Sector in securing the UK's energy supplies
- Workforce demographics
- and since March 2011, taking account of Fukushima

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SELLAFIELD

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Regulating the UK Nuclear Sector

In 2007:

- Five separate regulators or regulatory organisations
- Growing impact of the Nuclear Decommissioning Authority
- Declining nuclear sector

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First steps

- Merger of the Nuclear Safety Directorate, the Office for Nuclear Security and the UK Safeguards Office in April 2007
- Close cooperation between all regulators over the NDA's letting of the Sellafield contract in November 2008

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Managing the Safety and Security Interface

- Different Cultures?
- Common Ground?
- A working solution: 'Safety Informed Nuclear Security' (SINS)

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SINS: Safety Informed Nuclear Security

- Routine access for Security Regulators to Safety Experts
- Security decisions take account of safety considerations
- Recognition and respect for each regulatory discipline

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Maintaining Momentum

- Government review of regulation in the UK Nuclear Sector
- Launch of Generic Design Assessment
- Establishment of Office for Nuclear Regulation as an agency of the HSE
- Legislation to establish independent statutory corporation

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- Agency of the Health and Safety Executive
- HM Chief Inspector: Dr Mike Weightman
- Radioactive Materials Transportation Team joined ONR in October 2011



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Getting things right – three priorities

- Regulatory Effectiveness
- Organisational Effectiveness
- Greater Openness and Transparency

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Endstate

- UK Nuclear Sector regulated by a statutory corporation which includes all regulatory disciplines
- All activity geared to Programme Working
- HR strategies to recruit and manage all the skills and disciplines needed to sustain effective regulation

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DOUNREAY



Year 2009



Year 2025

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