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Operation of New Nuclear Reactors

Regulators' Expectations

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What does nuclear new build success look like?

- Safe operation;
- Environment protected;
- Secure installations;
- Economic – cost & profits, liabilities met;
- Low carbon energy;
- Secure stable supplies;
- Waste minimised, safe management and disposal;
- Public acceptance;
- Assured future.



But where is nuclear coming from?

Reputation:

- **Sellafield and Dounreay Beach contamination;**
- **Chernobyl;**
- **Construction cost and time overruns;**
- **Decommissioning liabilities increasing;**
- **Accusations of cover up and secrecy;**
- **Falsification of data;**
- **Poor generation performance;**
- **Plant problems, leaks and failures;**
- **Insolvency and Government rescue.**

Where is nuclear now?

Some headlines:

- Nuclear at the core of UK energy plans;
- We need more nuclear says the man who inspired Greens;
- Nuclear to play big role in Britain's future;
- England needs nuclear power stations says Darling;
- Gordon Brown backs nuclear;
- British Energy rises on nuclear prospects;
- We need more nuclear power stations, not wishful thinking.



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Our position on nuclear power and expectations of operators:

We do not take a position for or against nuclear power, but we insist that nuclear installations must achieve high standards of safety, security, environmental performance and waste management.

**WE EXPECT YOU TO ACHIEVE WORLD
CLASS STANDARDS**



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We expect operators' leaders and managers to excel in:

- **Safety;**
- **Security; and**
- **Environment.**

Delivering resources, facilities, structures, systems, engagement, credibility and trust.



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What you can expect from us:

Regulation that is:

- **Independent, Effective and Efficient;**
- **Transparent, Accountable, Consistent, Proportionate and Targeted.**

Advice and guidance when you need it



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What we should expect of each other:

- **Early engagement;**
- **Open, transparent, accountable, interactions;**
- **Agreed timetables;**
- **Commitment to achieve;**
- **Design assessments not concepts;**
- **“Bankable” Decisions made at earliest appropriate time.**