

Approach and Experience of Nuclear Safety Regulation in the UK

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ONR's Mission

“Securing the protection of people and society from the hazards of the nuclear industry”

To do this we seek three outcomes:

- A nuclear industry that has a culture of continuous improvement and sustained excellence in operations;
- All our stakeholders value our work;
- A nuclear industry that controls its hazards effectively

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The UK Nuclear Safety Regulator

- ✓ Independent of Government and the Industry:
that's KEY
 - To the process
 - To industry
 - To Government and other stakeholders (inc public)
- ✓ We are here to inject robust, independent, technical expert scrutiny
- ✓ Our role – Protecting people and society from the hazards of nuclear activities
- ✓ We are here to enable, but it has to be safe and secure!

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- Defence site
- Magnox reactor
- Chemical plants and other facilities
- Pressurised water reactor (PWR)
- Research reactor
- Submarine facilities
- Advanced gas cooled reactor (AGR)
- Proposed nuclear power stations
- X Partly operational/decommissioning
- ✗ Decommissioning
- + DECC nominated sites for new Nuclear build

ONR's Vision is simple and straightforward

“Universally respected for securing confidence in nuclear safety and security”.

This means that:

our work recognises that people want to feel safe and secure from the hazards of the nuclear industry;

we want everyone, regardless of their views on nuclear power, to feel that the we regulate the nuclear industry appropriately and in proportion to the hazards it presents.

we also want to be a trusted source of objective information and advice about the risks and potential consequences of all aspects of civil nuclear activities;

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Our Vision (2)

and

we have a positive influence on UK and international nuclear safety and security standards. ONR has an important job to do to ensure nuclear operators in the UK achieve sustained excellence in nuclear safety and security performance, and to take a leading role in securing global nuclear safety and security;

as an organisation, our own standards of performance are high and, in carrying out our responsibilities, we are as effective and efficient as we can be. To achieve high standards of performance ONR must have a full complement of highly competent, committed people at all levels, who feel part of the corporate journey and are proud of our organisation.

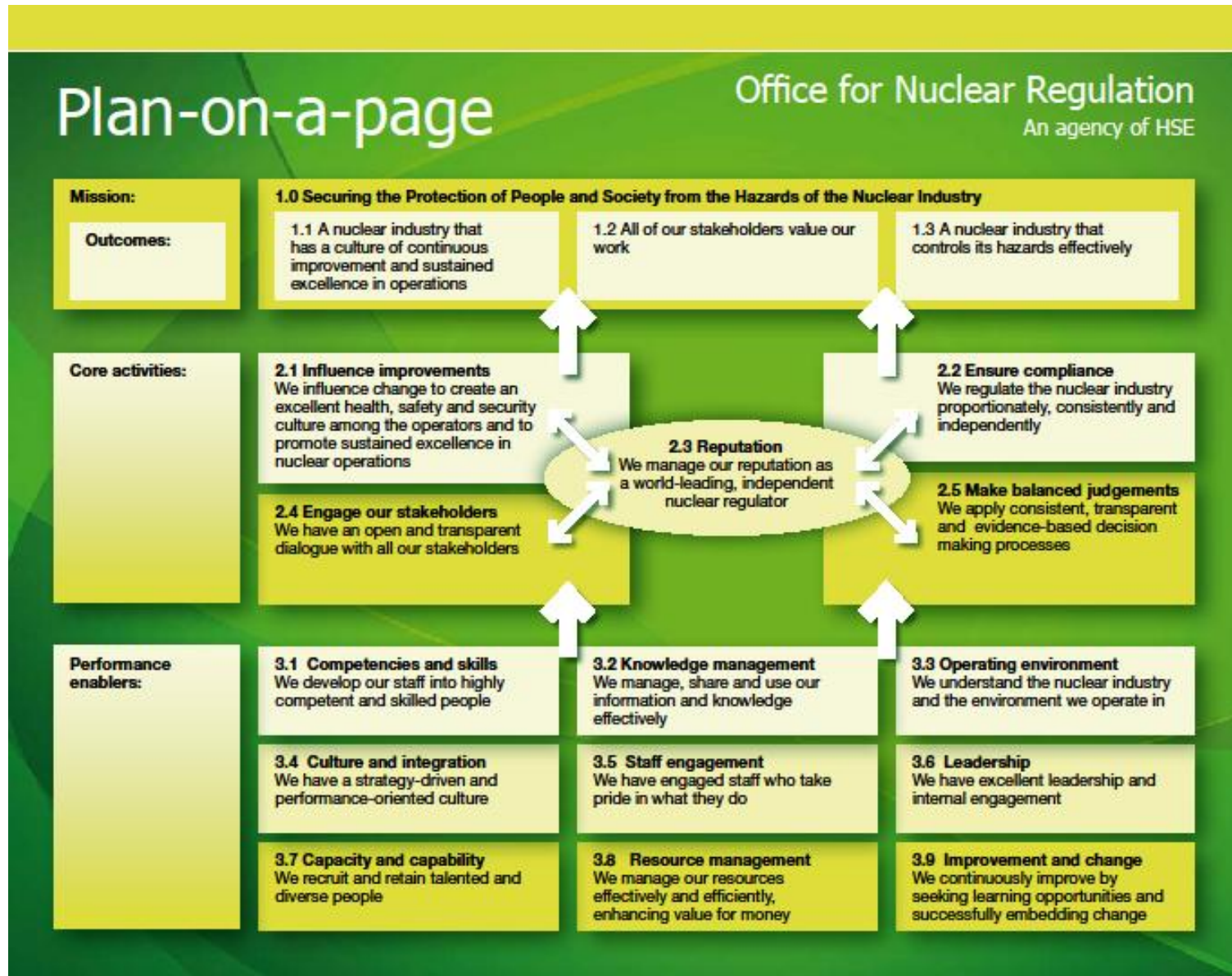
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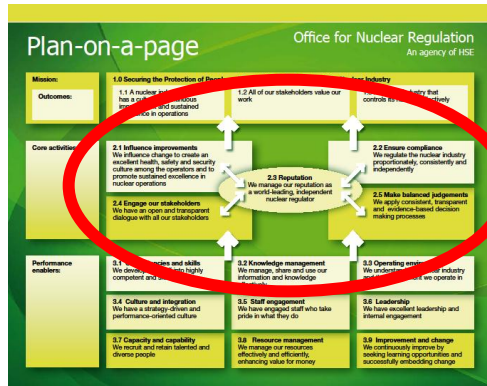
Our Standards and Expectations

- Nuclear Installations Act
- Standard nuclear Site Licence
(36 standard goal setting conditions)
- Safety Assessment Principles
- Benchmarked Against
 - IAEA Nuclear Safety Fundamentals
 - IAEA Safety Standards
 - WENRA reference levels

Outcomes & core activities



Core Activities

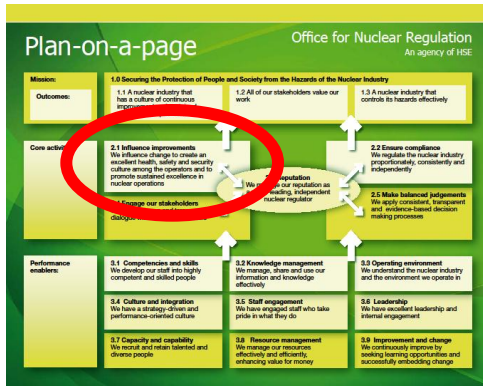


- influence improvements;
- ensure compliance;
- engage our stakeholders;
- make balanced judgements.

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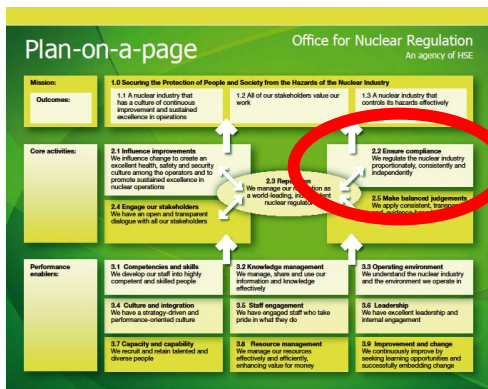
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Influence improvements



We influence change to create an excellent health, safety and security culture among the operators and to promote sustained excellence in nuclear operations

Ensure compliance

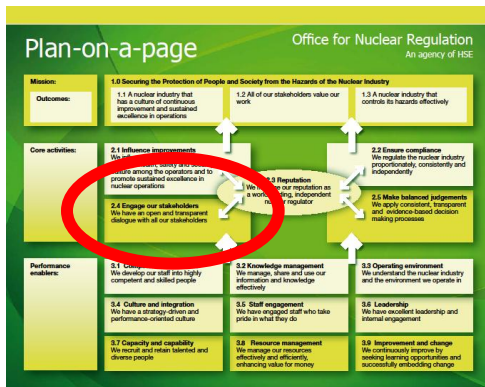


We regulate the nuclear industry proportionately, consistently and independently

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Engage our stakeholders

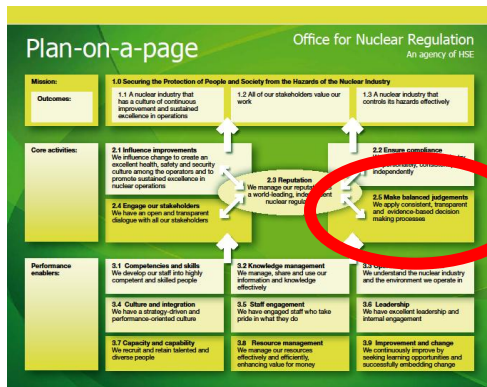


We have an open and transparent dialogue with all our stakeholders

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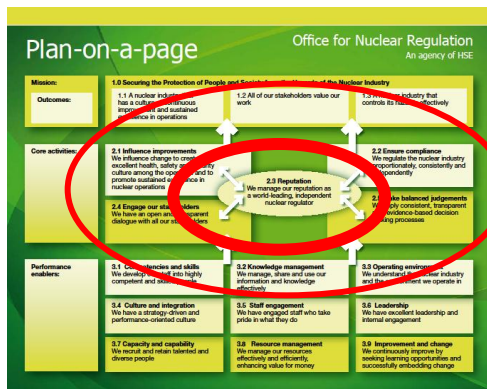
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Make balanced judgements



We apply consistent, transparent and evidence-based decision-making processes

Reputation



We manage our reputation as a world-leading, independent nuclear regulator

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- The UK Nuclear Safety and Security Regulator
- Securing the protection of people and society from the hazards of the nuclear industry
- More information at:-
<http://www.hse.gov.uk/nuclear/index.htm>