

RIC 2024 Hybrid

U.S. Nuclear Regulatory Commission
36th Annual Regulatory Information Conference

MARCH 12-14, 2024

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Office for
Nuclear Regulation

**Risk Informed &
Targeted
Engagements**



**ONR's cultural journey
towards Risk Informed
Regulation**

**ADAPTING TO A
CHANGING LANDSCAPE**

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Why RITE....why now?

- Required under UK law to 'base our regulatory activities on Risk'
- Significant change in our demographics and experience profile
- ONR needs to be more agile to respond to innovative technology in light of UK energy security needs
- Must be better at targeting finite regulatory resource and make risk informed regulatory decisions



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Regulating the RITE way

Our inspectors have the confidence, knowledge and skills to target their regulatory engagements in a risk informed way, focussed on hazards and risks which are highest or least well controlled.

Inspectors are empowered to adopt a questioning attitude to pre-conceived ways of working and apply innovative approaches in accordance with ONR's enabling philosophy

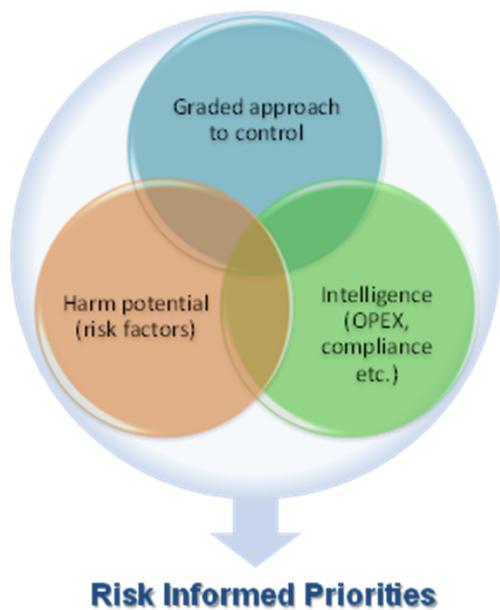
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Risk should permeate everything we do

All three of these components needed to risk inform our regulation

Need to support our inspectors to access and better use risk insights when planning engagements and making decisions

Enabling our leaders to better balance resources and decisions across competing safety and security risks

Requires innovative approach to profiling very different risks

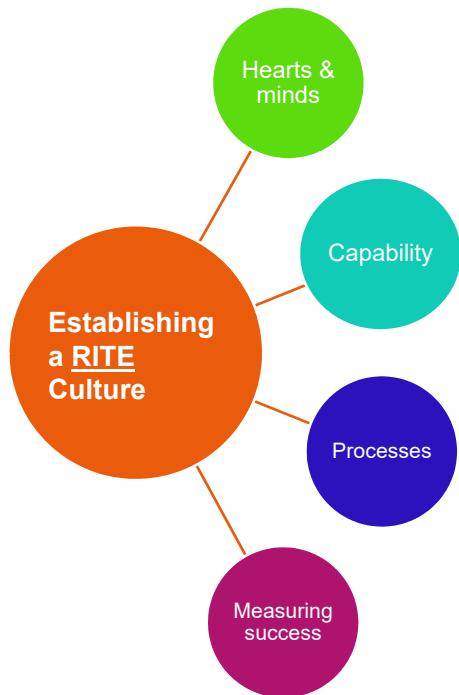
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Cultural implementation and challenges

Not just a 'big-bang' roll-out

We've realised requires sustained and systemic focus to embed this mindset

A 2-3 year cultural journey

ONR reaching to NRC this spring to benchmark and share experience

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