

The GDA – Progress and Expectations

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So who am I?

- My background
- My new role as Director New Nuclear Build Generic Design Assessment is targeted at providing a senior management focus in HSE on GDA
- My working relationships with Chief Inspector of Nuclear Installations and with the Government
- Key words are clarity, transparency, approachability and delivery



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What are we aiming for via GDA?

- ✓ A meaningful GDA, useful to Government, vendors, potential operators and regulators
- ✓ Efficient use of all available resource and leverage opportunities
- ✓ Improved clarity and transparency of process and outcomes
- ✓ Reduced regulatory risk for potential operators
- ✓ Improved confidence for public (in safety, environment and security issues)

GDA Progress and Projection

- ✓ Step 1 Completed August 2007
- ✓ Step 2 Completed March 2008
- Step 3 underway for two designs
 - Westinghouse AP1000
 - EDF/AREVA UK-EPR
- Step 3 will complete 27 November 2009
- Step 4 will complete June 2011 with a Design Confirmation plus, most likely, Exclusions:
 - as few Exclusions as possible, but as many as required (and with a defined clearance process)

Benefits of GDA

- Early engagement between regulator and vendor/operator
- Builds certainty for designer (vendor), operator and regulator
- Increased openness and transparency
- Joined up regulation (one NII/EA)
- Dedicated resources (assists GDA AND normal regulatory business)
- Public comment process
- Independent Process Review Board

GDA Issues (to date)

- Nil assessment resource
- Managing effectively a parallel GDA and Licence Application process
- Improving the Project Management and delivery metrics
- Progressing key technical issues, eg. C&I architecture
- Long lead item procurement
- Justification for some reliability claims being made

GDA Expectations

- Continued good liaison with Requesting Parties
- Timely and comprehensive delivery of 'Safety Case' by time of GDA design freeze
- Timely and positive responses from Requesting Parties and positive liaison with Potential Operators
- Maintenance of a one-stop-shop approach with regulators
- Two-way open and transparent process (no surprises)
- Delivery of meaningful, comprehensive and clear GDA reports in Nov 2009 and June 2011

GDA Resources

- Environment Agency GDA team fully staffed
- HSE GDA team nearly there – only a few short – should be up to strength for Dec 2009
- Significant increase in use of TSCs
- New NII recruitment (improved salaries and locations) launched 23 March – very positive initial response
- ✓ GDA remains a significant challenge, but I'm confident of delivering a meaningful GDA



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More info on GDA

- More detailed information at

<http://www.hse.gov.uk/newreactors>