
New Build Phase 2

Licensing and Permissioning

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Principles

- Deliver rigorous and robust regulation that is open and transparent
- Generic approach wherever possible
- Outcome focused
- Minimise risk to programme and bring forward wherever possible
- Effective interactions – common vision, clear expectations, no surprises, co-ordinated plans with applicants, etc (RNIP)
- Wherever possible don't divert resources from successful delivery of full GDA

Relationship of New Build Regulation to GDA



New Build Regulation - before a reactor can be constructed:

- i. A Nuclear Site Licence has to be granted to use the site for this purpose by HSE (CI)
- ii. Subsequently, under the conditions attached to that site licence, Permission (Consent) to start that construction needs to be obtained from HSE (DCI)

A final GDA is needed before permission is granted to starting nuclear island construction **but** not before granting a nuclear site licence

Relationship of New Build Regulation to GDA



- A final DAC will be used to underpin the regulatory permissions to construct a fleet of reactors identical except for:
 - i. Any site specific necessary requirements (e.g. different ground conditions)
 - ii. Any operator specific requirements

ND Management of New Build Regulation



- Programme Management for Licensing and Permissioning of New Build
- New Build programme will be based on three prospective licensees each with a separate workstream.
- Strategy assumes 10 to 12 new reactors in operation by 2025 with first by 2018
- Strategy maintains focus on delivering GDA and makes use of new ways of working for regulating existing operations.

Nuclear Site Licence

- Nuclear Site Licence needed before construction commences.
- Nuclear Directorate expectation is for 'early licensing' to reduce risk, bring programme end date forward as soon as possible, ensure adequate early regulatory oversight of supply arrangements
- Licensing submission to include; safety management; resources; siting aspects and overall safety of plant (much less than full GDA).
- Generic approach for submissions to be used where possible, licensees arrangements for sites
- Nuclear Directorate arrangements for licensing based on: streamlined, robust, open and transparent process
- Applicants encouraged to put cases into public domain for public comment (same as GDA).

Permissioning (Consent under LC)

- Permission needed for placing first nuclear concrete but not before site preparation
- Intention that one permission for all nuclear island construction
- Further permissions needed for commissioning and operation to be agreed with licensee
- Process to follow principles: a generic approach; openness and transparency; de-risk bring forward programme; etc

Interactions

- Regulatory Nuclear Interface Protocol (RNIP) has been signed by NNB and Horizon
- Early engagement with Licensee
- Agree co-ordinated plans with licence applicants and common metrics for programme
- Working arrangements to be based on Openness and Transparency
- Nuclear Directorate engagement with Environment Agency and other contributing parties