

EDF Energy Nuclear New Build- Hinkley Point C Project Update



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The Hinkley Point C Story So Far.....

2011 has been a productive year for NNB GenCo

- Positive Government position on Energy Market Reform
- Continued positive Government support on Nuclear as a key part of the energy portfolio mix
- Confidence building in a GDA Interim Design Acceptance Certificate – ONR and industry prudently dealt with the opportunity for Fukushima lessons learned
- Local Planning Permission granted for site levelling and preliminary works
- Order for long lead NSSS forgings placed with Areva
- Contractors are now working on site remediation and in preparation for preliminary site works

Applications made in 2011 by NNB GenCo

- Nuclear Site Licence
- Radiological Discharge Permits
- Combustion Activity Permits
- Water Discharge Activity Permits
- Full Infrastructure Planning Commission application imminent

EPR Family Experience

Experience transfer from;

- Flamanville 3
- Taishan
- Calvert Cliffs 3
- Olkiluoto

Examples of lessons learned so far;

- Project organisation
- Construction sequencing
- Contracting strategy
- Design & Licensing



Family Operating Model

A structured operating model- a framework adopting common processes, procedures and people skills to obtain safe operation utilising the best synergies from a family of reactors.

- To maintain operational consistency and allow effective knowledge transfer
- To adopt the best international practices
- To have common processes and replicate good practice
- Multinational team working on project

EDF Family Support

Coordinated support from all groups within EDF SA France for the Fukushima “stress test” in the UK - particularly from DIN.

- Coordinated response
- Interactive process
- Respecting UK Context

Respectful Of UK Regulation

- UK Licensed organisation (NNB GenCo)
 - 36 licence conditions
- Directors have personal legal responsibilities
- Licensed organisation must be an intelligent customer
- EDF DIN will be our Architect Engineer and will provide a significant portion of the construction and engineering support
- Overall control must remain however with the licensed organisation NNB to satisfy UK regulatory requirements
- Benefit from the EPR Family Experience