

NUCLEAR POWER: UPDATE

Richard Marriott

Team Leader, Office for Nuclear Development

6 July 2010

- New government – Implications and Role
- Actions to facilitate nuclear power:
 - Where are we?
 - What remains to be done?
- Timetable and Challenges.

A new Government: implications



“Liberal Democrats have long opposed any new nuclear construction. Conservatives, by contrast, are committed to allowing the replacement of existing nuclear power stations provided they are subject to the normal planning process for major projects (under a new national planning statement) and provided also that they receive no public subsidy.”

We will implement a process allowing Liberal Democrats to maintain their opposition to nuclear power while permitting the government to bring forward the national planning statement for ratification by Parliament so that new nuclear construction becomes possible.”

The Coalition Agreement

Coalition position on nuclear

- No subsidy
- National Policy Statement
- Facilitative actions
- Role of the Office for Nuclear Development
- A floor price for carbon
- Emissions performance standard
- Market reform

Role of Government

- Working to clarify and reduce regulatory and political risk.
- Providing a sound framework to make rational investment decisions.

Through..

- Active facilitation by the Office for Nuclear Development
- Clarity on no subsidy

What we have been doing

- Energy market assessment
- Programme of facilitative actions
- Making progress on waste management

Facilitative Actions

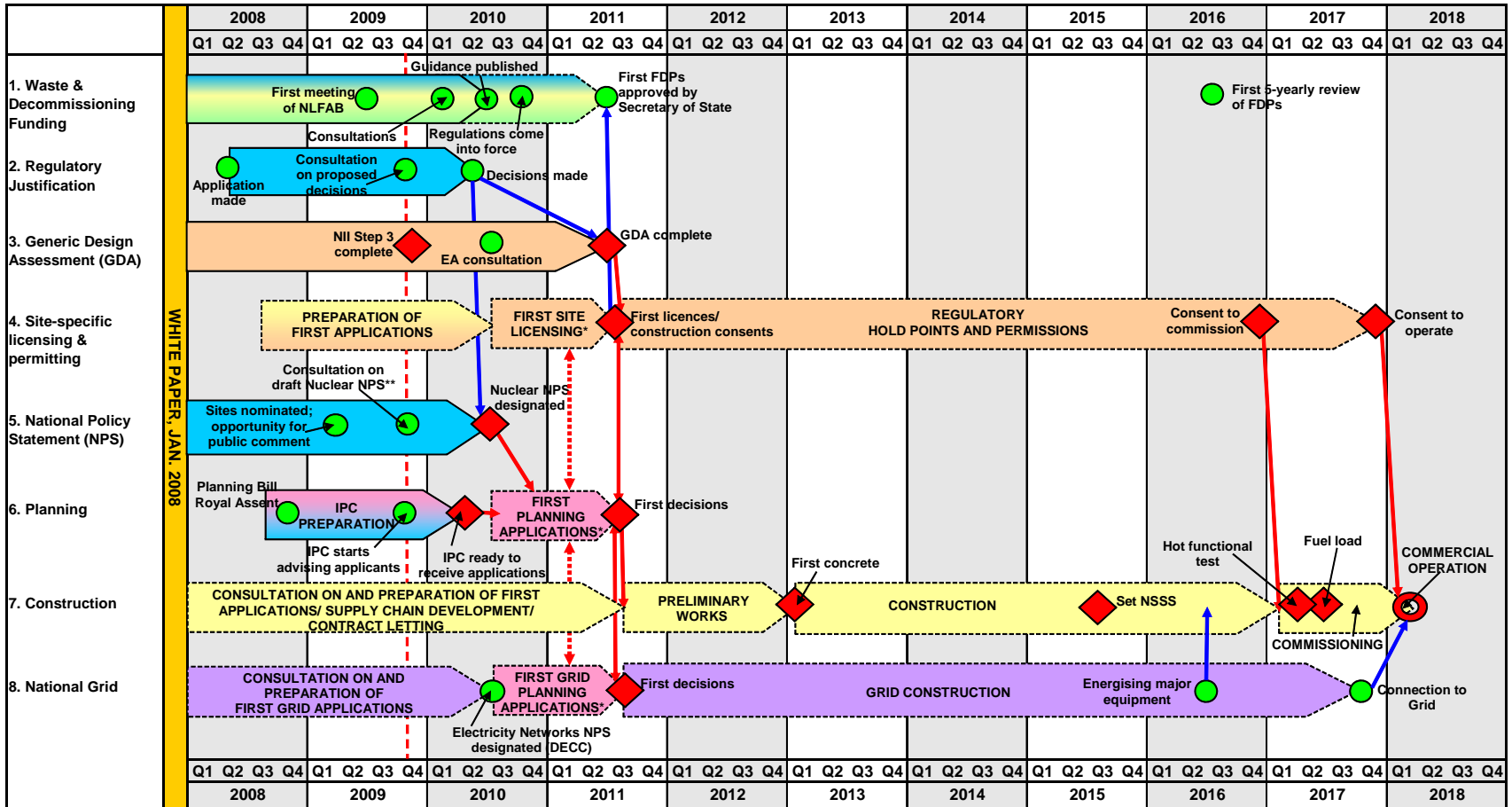
- The EA and HSE's Generic Design Assessment
- National policy statement, including sites
- Funded Decommissioning Programme (Energy Act)
- Regulatory Justification

Other workstreams

In addition, the Office for Nuclear Development is continuing to work on :

- long-term waste management,
- nuclear skills,
- supply chain.

Indicative timeline for first new nuclear power stations



KEY:

- Government
- Regulators
- Operators
- Infrastructure Planning Commission (IPC)
- National Grid
- Nuclear Liabilities Financing Assurance Board (NLFAB)
- Project-specific activity
- Milestone
- Critical path

INDICATIVE TIMELINE FOR FIRST NEW NUCLEAR POWER STATIONS

ACRONYMS:
 EA Environment Agency
 FDP Funded Decommissioning Programme
 NII Nuclear Installations Inspectorate
 NPS National Policy Statement
 NSSS Nuclear Steam Supply System

NOTES:
 *The way in which the site licensing and planning processes inter-relate, and the timing of applications, will impact on the timing and duration of these phases: all assumptions here are given for illustrative purposes only.
 **Government is consulting on the draft Nuclear NPS, draft Overarching Energy NPS, draft Electricity Networks NPS and other draft energy NPSs in parallel.

IMPORTANT:
 All timings given in this plan are indicative only. In particular, whilst the plan, and the 2008 White Paper on Nuclear Power, indicated first commercial operation occurring in 2018, the Government is committed to enabling nuclear new build as soon as possible, and will look for opportunities to accelerate timescales where possible.

New nuclear challenges: risks and mitigations

- Reform of energy market to incentivise investment in low-carbon generation
- Maintain confidence in Government / keep delivery on track
- Credible progress on waste management
- Managing threat of legal challenge
- Worldwide competition: leads to pressure on the supply chain & skills and competition for finance
- Public acceptability