HPC Emerging Complex Supply Chain

International, National & Local partners working together to deliver Hinkley Point C
1. In the first Instance the Contract should drive performance, and **NOT** be used to protect EDF Energy in the event of Default

2. Management of the Contract should **ALWAYS** ensure the commercial interest of the parties remain aligned, in order to avoid adverse impact on delivery
Doing Business Differently – The Contract & Supply Chain!
Different applications required different approaches!

**NEC**
- Core Conditions
- Z Clauses selection
- Works Information
- Guidance for compiler: Minimum WI needs identified
- “Clean” T’s & C’s
  - Z Clauses applicable to all Contracts
  - Z Clauses applicable to each NEC main Option
  - Z Clauses project / special
- WI following NEC Guidance Note (Jan 2012)
- WI 100
- WI 1100
- WI etc.

**EDF Standard documentation**
- Document “spine”
- Owner 1
- Owner 2
- Owner etc.

**FIDIC**
- Guidance for compiler: Minimum information needs identified
- Appendices (Employer’s Requirements)
- T’s & C’s
  - T’s & C’s’ DMIC
  - T’s & C’s’ DMS
- T’s & C’s’ Call Off (DMIC, DM)
- App 1
- App 16

**Restructured the Contract Templates**
Contract & Manufacturing Excellence –
#17 Exhibition Stands & 3 Interactive Workshops

Key Enablers –
Technical & Procedural, plus Behavioural & Organisational development
NUCLEAR SAFETY & REGULATORY REQUIREMENTS

ONR TAG 77 – summary of ONR expectations applied to a basic procurement cycle for work with nuclear safety significance

OUR FOCUS IS TO DELIVER “SAFETY AND QUALITY TODAY TO ENSURE NUCLEAR SAFETY FOR A LIFETIME.”

Our Nuclear Safety Policy (NNB-308-POL-000008) states: “Nuclear safety requires us to protect individuals, society and the environment by establishing effective defences against radiological hazard throughout the project and future plant operation and decommissioning. This is achieved by the proper implementation of the design and through the physical and organisational defences embedded in the plant and management systems.”

The supply chain, law and nuclear safety requirements for ensuring operator compliance

LEGISLATION AND LAW
- Health and Safety at Work Act 1974
- Nuclear Installations Act 1965
- Energy Act 2013
- Ionising Radiations Regulations 1999
- Nuclear Industry Security Regulations 2003

NUCLEAR OPERATOR
- Self Audit to Legislation Standard
- Compliance
- Assurance
- Governance

HPC SUPPLY CHAIN
- Tier 1, 2, 3, etc.
- Mapping
- Compliance
- Assurance
- Governance

REGULATORY REQUIREMENTS
- ONR
- Licence Conditions, in particular: LC17, 19 and 20
- Technical Assessment Guides, in particular: TAG 33, TAG 49 and TAG 77
- Approximately 320 Safety Assessment Principles (as applicable)

There is no greater priority than nuclear safety. Our behaviours and those of our Equipment Partners must be guided by this principle, which must prevail in everything we do.

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INTRODUCTION

3 words to describe
the HPC event in Paris

3 words to describe
the HPC event in Bristol

The world of Manufacturing

The world of Construction

98% Felt Inspired
97% Material & Workshops Beneficial
100% Event good use of their Time

98% Felt Inspired
95% Material & Workshops Beneficial
95% Event good use of their Time
COLLABORATIVE WORKING IS ABOUT RELATIONSHIPS

THE CRITICAL BEHAVIOUR IN ANY RELATIONSHIP IS TRUST

TRUST EXCELLENCE QUALITY
Safety Culture and Supply Chain Integration

Key learning & Observations

1. The ‘Contract’ is the key link for doing business! ➔ ‘Often ignored’

2. Understand how the ‘commercial’ parameters could potential adversely impact ‘safety & quality’ ➔ ‘Change/Renegotiate if needed’

3. Educate, Educate, Educate ➔ ‘Build a collective understanding’


5. Collaboration ➔ ‘Easy’ to say, but ‘Hard’ to build, reinforce and sustain

6. Integrated Supply Chain ➔ Trust, Excellence & Quality