Regulation of the Civil Nuclear Industry Supply Chain & International Cooperation through the MDEP VICWG

Stuart Allen, UK Office for Nuclear Regulation & VICWG Chair
CNRA/MDEP Supply Chain Management Workshop
5th & 6th November 2018
ONR Supply Chain Regulation

- ONR expects licensee to establish adequate SCM arrangements
- UK regulatory regime is ‘goal setting’
- Strengthened approach during 2016, targeted vendor inspections, enabled by - The Energy Act 13
- International Regulatory Cooperation is important
ONR SCM Expectations

1. Supply Chain Strategy
2. Intelligent Customer
3. Effective Specifications
4. Supplier Capability
5. Quality Management Arrangements
6. Identify & Categorise Deviations
7. Oversight & Assurance
8. Counterfeit, Fraudulent & Suspect Items (CFSI) Mitigation
9. Operational Experience Processes
Risk Factors Impacting the Extended Enterprise

- Capability
- Capacity
- Culture
- Cascade of Requirements
- Oversight & Assurance
- Localisation
- Globalisation
- New Technologies
Vendor Inspection Cooperation Working Group

Background
• Approved by the MDEP policy group in March 2008
• Multinational regulatory membership
• Meet six monthly but engage throughout year

Key Objectives
• Conduct joint, witnessed and multinational inspections
• Maximise results from regulator vendor inspections, share experience
• Harmonise best practice approaches – Common Positions
• Facilitate adoption of good vendor oversight practice
Achievements

• Joint & witnessed inspections (over 80 examples since 2008)
• Common positions - QA/QM, CFSI, Vendor Inspection Practice
• Share inspection reports and programme outcomes identifying risks (ie CFSI)
• Multinational inspections
  – Valinox, 2014 (NRC-Lead, ASN, ONR)
  – Areva, Creusot Forge, 2016 (ASN-Lead, CNSC, NNSA, STUK, NRC, ONR)

High profile & positive example of benefits of regulatory cooperation
Challenges

• Enhanced inspection cooperation & intelligence exchange
• Effective transition from MDEP to CNRA
• Target areas of risk in new build programmes
• Prepare for new technologies and emerging challenges
Summary

• ONR expects licensees to have:
  – Adequate SC management arrangements
  – Focussed on risk across the extended enterprise

• International regulatory cooperation is important
  – MDEP VICWG is an effective forum
  – Need to continually review its approach to meet new challenges
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