

The nuclear supply chain: an update on World Nuclear Association activities



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Introduction

The World Nuclear Association represents and supports the nuclear energy industry and its people and enterprises. Its mission is to promote a wider understanding of nuclear energy, to develop common industry positions and contribute to the energy debate.



- Timely, concise, daily reporting
- 3 million page views per year
- 730,000 users
- 27,900 email subscribers



Number of followers on
WNN Twitter account

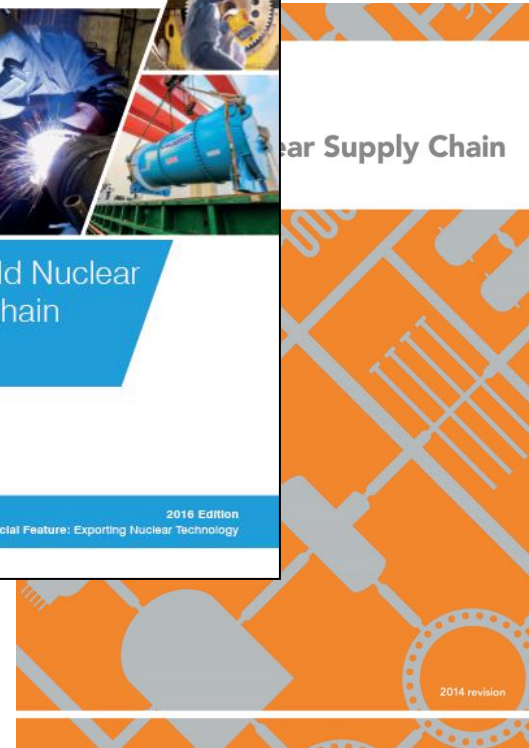
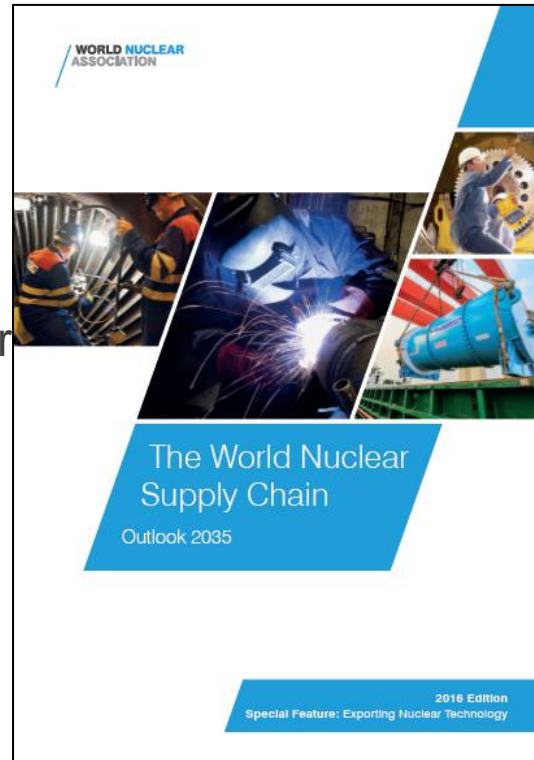


Supply Chain Report

Aims to provide the industry, energy suppliers, the investment community and policy-makers with:

- An up-to-date picture of planned and on-going nuclear power plant construction;
- An analysis of the worldwide market for components;
- An analysis of supplier capacity;
- A review of trends in the market;
- A look at how the industry is addressing the challenges in the market;

Complements the WNA's
Nuclear Fuel Report



WORLD NUCLEAR ASSOCIATION

The World Nuclear Supply Chain
Outlook 2030

Supply Chain Working Group

Set up in 2010 to:

- Share general information and leading practices;
- Address common issues in the manufacture of components and systems;
- Facilitate safe, timely and cost-efficient construction and refurbishment of nuclear power plants.

Two task forces:

- Vendor Oversight and Control of Suppliers (VOCS) 2012-2015
- New Build Lesson-learning 2015 – ongoing

Supplier Forum 2014

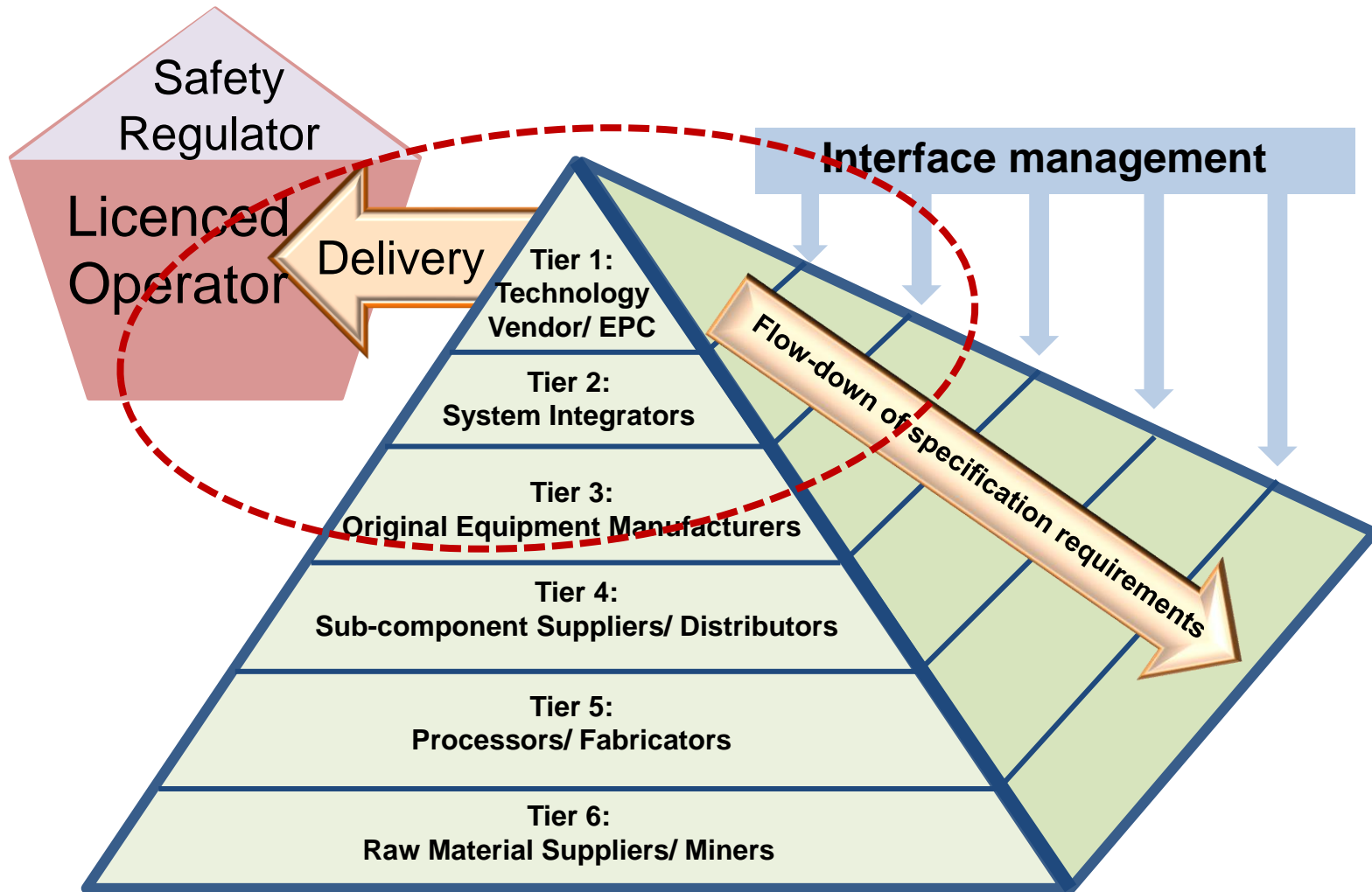
- Communication issues
- Expectations
- Goal alignment



Key issues raised by suppliers (Supplier Forum 2014)

- Lack of **consistency** in regulatory and customer requirements
- **Unclear direction** from the customer to the supplier: Purchase information is confusing or incomplete
- **Schedule pressures**: slow response times and not getting the supplier involved soon enough in the process
- **Customer responsiveness** to make changes and corrections
- Customer takes for granted that the **supplier understands** the specification and requirements

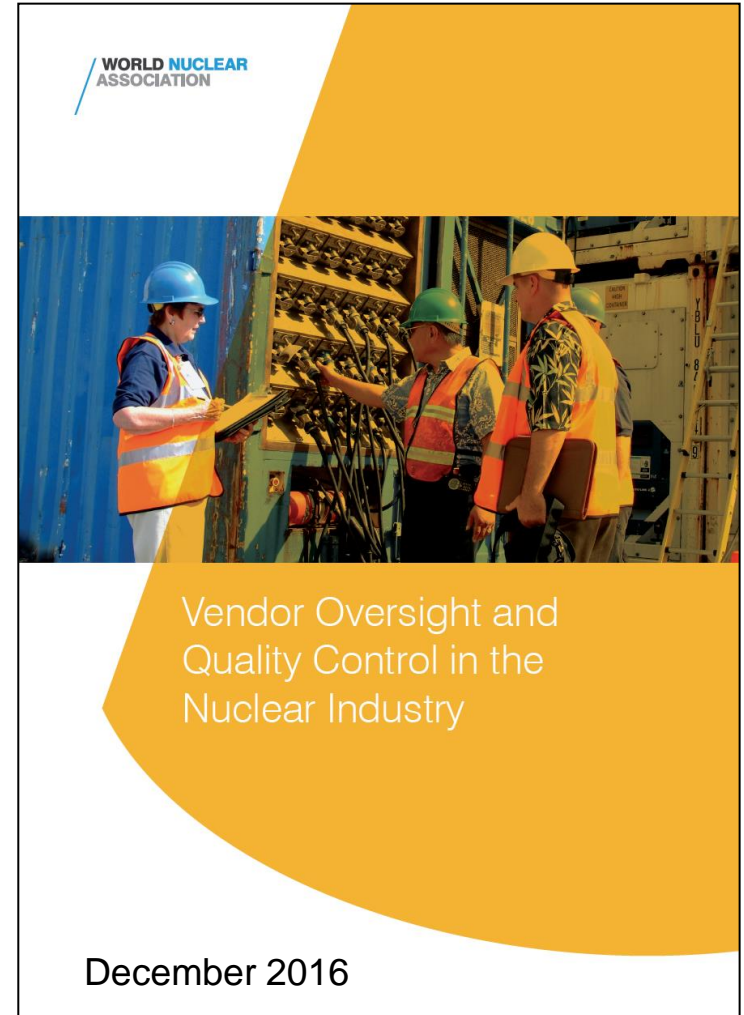
Manage the interfaces



Vendor oversight is critical

The nuclear supply chain needs a production system that:

- Defines what has to be done clearly (**planning**);
- Does it right (**quality control**);
- Checks it is being done right (**oversight**);
- Puts right what goes wrong and learns (**improvement**);
- Is committed to excellence (**leadership**).



Other supply chain issues

Counterfeit, fraudulent and suspect (CFS) items

Export controls

Safety culture attributes along the supply chain

Technical barriers to trade

- Harmonized licensing processes and mutual recognition of national regulatory determinations
- Strengthen and continue the codes convergence process (CORDEL and Standard Development Organizations)

Thank you:

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