Press Release:

With new members including Rolls-Royce, WNA (World Nuclear Association), JSC Rusatom Overseas and Mitsubishi Heavy Industries, NQSA (Nuclear Quality Standard Association)[1], an organization made up of manufacturers and suppliers from the nuclear industry, has reached a new milestone. The arrival of these major nuclear worldwide bodies will bring their long standing expertise to the NSQ-100 global quality standard which is based on international quality standards ISO 9001, GS-R-3 from IAEA and NQA-1 from ASME.

The NSQ-100 standard is a solution to the standardization requirements needed in a global nuclear market and has the potential to optimize costs and increase safety, security and environmental protection.

Certification of quality management systems according to NSQ-100 is issued by certification bodies composed of auditors trained and qualified by NQSA.

NQSA guarantees the quality of all NSQ-100 certificates issued to companies in the nuclear sector by conducting independent oversight on all certification bodies.

WNA:

The World Nuclear Association is the trade association representing the global nuclear industry. The Vendor Oversight and Control of Suppliers (VOCS) task force which includes leading reactor vendors is collaborating with NQSA to pursue the development of the NSQ-100 standard and the certification process for organizations operating within the nuclear supply chain. The VOCS task force aims to:

- Strengthen the capacity of businesses and organizations from the civil nuclear industry to provide reliable goods and services and to respond to the requirements of the nuclear industry for quality, safety and security;
- Establish a common framework for qualifying suppliers and for quality control.

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[1] Current members of NQSA are Areva, Bureau Veritas, SGS, VO Safety, and Alstom Power.

JSC Rusatom Overseas

As JSC Rusatom Overseas continued to expand internationally, it is necessary to have one single standard, which can be used for the global supply chain, integrating quality criteria required by the IAEA, ASME and ISO.

After careful consideration, JSC Rusatom Overseas concluded that the NSQ-100 standard and the certification process developed by the NQSA were adequate to ensure a high level of quality that is standardized throughout the world and that maximizes the progress of their projects.

Rolls-Royce

Rolls-Royce delivers instrumentation and control solutions to nuclear utilities. To address new and emerging industry challenges, Rolls-Royce is committed to supporting further development of the NSQ-100 quality standard and certification process into a common and consistent nuclear sector approach to quality, based on the international quality standard ISO 9001. This will help to ensure that the highest levels of standardized quality are implemented across the international nuclear market to deliver enhanced safety performance.

Mitsubishi Heavy Industries, Ltd

As one of the world leading nuclear engineering entities, Mitsubishi Heavy Industries joined NQSA in 2014. Mitsubishi Heavy Industries has detected the need to have an international quality standard for the nuclear supply chain allowing suppliers to acquire a genuine safety culture while simplifying the certification process. The NSQ-100 meets this expectation, furthermore it takes into account the mandatory nuclear safety authorities' requirements.