Introducing AREVA’s New “Integrated Procurement Solutions” consisting of four modules that can be provided separately or as a total integrated solution for your supply chain demands. The scope of these four modules will be customized based on the customer needs and will include:

**Risk-Informed Procurement**
- Perform all necessary PRA analysis (initial or confirmatory) as required to implement a Graded Quality Assurance (GQA) program
- Conduct customer inventory reviews based on criticality, usage, and Emergency Response (ER)
- Provide Regulatory documentation (analysis and transmittals) for Licensee Application as required by 10CFR50.69. This scope of work includes SME and licensing support as requested
- Identify all testing and/or analysis requirements needed to implement a Risk-Informed GQA program and procurement process
- Monitor effectiveness of the implemented GQA program

**Inventory Optimization and Warehousing**
- Provide consolidation and standardization program for customer inventory optimization
- Provide Replacement Parts Equivalency Evaluations (RPEs) for safety-related or important to safety applications due to equipment obsolescence or model change
- Create an “optimized inventory” based on
  1) consolidation analysis
  2) historical usage reviews
  3) ER categorization
  4) Critical Spare analysis
  5) GQA program elements
- Provide “targeted inventory services” – AREVA’s Nuclear Parts Center (NPC) provides warehousing services for selected equipment based on customer carrying costs and business needs. These services would include equipment storage, required instorage maintenance, records management and Quality Inspection problem resolution

**Commercial Grade Dedication**
- Develop Commercial Grade Dedication (CGD) plans
- Define critical characteristics required to provide reasonable assurance
- Approve and oversee tests/inspections/analysis of critical characteristics
- Create QA data package/dedication report and documentation of the results
- Deliver dedication documentation and any components/equipment/specimens to the requesting project or customer

**Component Testing and Qualification (Technical Center)**
- Conduct all equipment qualification and commercial grade dedication testing activities utilizing AREVA’s state-of-the-art Technical Center. The U.S. Technical Center offers the following capabilities:
  1) Tri-axial seismic test facility (shaker table)
  2) Accelerated aging chamber(s)
  3) Environmental test chamber(s)
  4) Material property testing
  5) Reverse engineering
- Other AREVA facilities include – Richland Test facilities, Chemistry and Materials Center (with electron scanning microscope), Center for Advanced Engineering Research (collaborative arrangement), Cranberry Electrical Testing Center, the Mill Ridge Road Training Center and European Testing Facilities
Integrated Procurement Solutions

Why AREVA?

- Highly trained, experienced and qualified staff in Probabilistic Risk Analysis, Commercial Grade Dedication and Testing, Inventory Management and Control, Equipment Reliability, Purchasing and Quality Assurance
- State-of-the-art testing and research facilities with plans for future growth
- The U.S. Technical Center will directly apply their experience and database gained in supplying commercial-grade dedication and environmental qualification services for New Builds and other on-going major U.S. projects for the benefit of our customers
- Dedicated core team of individuals focused on providing high-quality supply chain solutions in a cost-effective manner
- AREVA is building this new product line from the ground up focused on customer value, scalability and process efficiency
- Flexibility to quickly adapt to new regulations and post-Fukushima requirements

How will Integrated Procurement Solutions contribute to our customers’ drive for excellence?

- Increased site focus on risk significant Systems, Structures, and Components (SSCs)
- Improved site safety culture
- Reduced procurement costs due to SSC safety re-classifications/GQA program
- Reduced carrying costs for SSCs through inventory optimization and targeted inventory services
- Minimized use of multiple vendors and site staff to perform needed CGD, Environmental Qualification and associated testing – trusted, single Integrated solution provider
- Reduced CGD costs associated with testing and analysis as a result of using industry-enveloping criteria, as opposed to site- or customer-specific criteria
- Minimized impact of fraudulent/suspect procurements
- Reduced Engineering time and costs associated with Replacement Parts Equivalency evaluations through economies of scale
- Reduced potential for forced outages, delayed restarts or forced power reductions due to SSC availability or qualification issues
- Program is modular and scalable – customer can move in finite steps, at their own pace and priority from CGD and testing to satisfying obsolescence and reliability issues to a fully implemented Risk-Informed Graded QA program

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