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Supplier Technical Readiness
Supplier Technical Readiness

Can I please have someone evaluate this supplier before placing an order?

Sorry, we are too busy dealing with supplier issues

Need to Put Effort in Earlier

Focus on Quality at the Source!
Supplier Readiness---Improve Your Odds

Raise the bar to be on the Approved Suppliers List (ASL)

- Limit number of people who can add new suppliers
- Focus ASL on higher complexity, direct material suppliers
- Implement Technical Assessments BEFORE new suppliers are added or old suppliers are renewed
  - Evaluate technical capability and capacity
  - Evaluate nuclear safety culture
  - Review commercial dedication knowledge
  - Validate understanding documentation requirements

Narrow ASL to solid suppliers to improve our odds
Supplier Readiness—Who are my Starters and Why

Implement Supplier Scorecards

• Must Be Global
• Consistent Scoring
• Cover critical areas
  • Safety
  • Product Quality
  • Schedule Adherence
  • Corrective action responsiveness

Value

• Foundation for reducing supply base to allow for more strategic relationships
• Provides critical input to assist in developing supplier oversight plans
• Most importantly, provides visibility no who are consistently good suppliers

Use Scorecards as Control Plan to Continuously Improve
Risk Control involves proper identification, classification, mitigation and prevention of root cause of the probable errors. FMEA is a good tool for this purpose. Identification of Critical manufacturing operations is essential for risk assessment.

Manufacturing Risk Assessment

- Regulations
- Lessons learned
- Suppliers capabilities
- Failure analysis
- Technical Requirement
- Clients goal and objectives

Identification of Critical manufacturing operations
Supplier Readiness - Manufacturing qualification processes

- When critical manufacturing operations are identified, the qualification processes could start, based on testing, prototype, Supplier has to create the same conditions/environment of manufacturing requirements and constraints (material, temperature, tolerance, ...)
- **Goal**: during the offer phase (or before the Mfg kick-off), demonstrate the supplier capabilities, Build a robust production schedule and define the best price,