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| 1. **Safety Function (SF) Identification Questions** | **Answer(s)** |
| What vehicles downstream of the safety basis are being used to communicate the SF to the engineer writing the procurement specifications and/or the procurement engineer writing the Technical Evaluation (System Design Description (SDD), Equipment Datasheets, etc.)? |  |
| Who is responsible for subpart classification of safety related Structures/Systems/Components (SSC’s)? |  |
| Where is subpart classification done in the design process (System Design Description (SDD), Datasheets, Technical Evaluation, etc.)? |  |
| How is subpart classification documented? |  |
| Does the Commercial Grade Dedication (CGD) program allow for the Procurement Engineer to perform subpart classification? If so is this considered a design activity? |  |
| Does the facility sub-classify SSC’s with multiple quality levels? If so what are the quality levels and what do they mean? |  |
| 1. **Critical Characteristic (CC) and Acceptance Criteria (AC) Development in House Questions** | |
| Who has responsibility for identifying an items CC and AC (design, cognizant, procurement engineer, project engineer)? |  |
| What type of document is originally used to identify CC and AC? (Drawings, Datasheets, System Design Description (SDD), Technical Evaluation in CGD plan, Procurement Specifications, etc.)? |  |
| When is the CC and AC identification done (during design analysis or detailed drawing development, during CGD Technical Evaluation development, by supplier, etc.)? |  |
| Is there a documented process for engineers to define and document CC’s in the design phase? If so, a brief overview. |  |
| 1. **Procurement Specification Development** | |
| * 1. **General Discussion** | |
| Who is responsible for creating the procurement specification? |  |
| What role does the Procurement Engineer play in specification development? |  |
| Do you use a Specification template that encompasses Quality and Technical requirements, Supplier Submittals required, and witness and hold points? |  |
| What process is used to providing just enough detail to be effective in a specification? |  |
| Does anyone have a guide or a section in the specification process on what they expect of the sub-supplier for CGD? |  |
| Do you have guidance on when to ask a supplier for CGD procedures, plans, and results (graded approach to supplier oversight)? |  |
| Do you use a graded approach to identifying required sub-supplier submittals? |  |
| How are the Quality Program requirements determined (is NQA-1 in general flowed down or are the Requirements tailored based on scope)? |  |
| How are unique quality requirements developed and documented in the procurement (such as: requirements as a result of a CGD survey or additional quality oversight or documentation based on importance)? |  |
| Do you have a process for determining when a supplier evaluation for a non-nuclear safety procurement is needed? |  |
| * 1. **Build to Print Procurements (Lab has in-house design agent and identifies CC and AC )** | |
| Do you have a template or write up in the Specification for flowing down or communicating CC’s and AC’s? |  |
| Do you tailor NQA-1 requirements for build to print? |  |
| Do you have a guide or a section in the specification procedure on what the expectations of sub-suppliers for CGD acceptance methods of build to print and documentation required? |  |
| * 1. **Design and Build Procurement (Lab acts as design authority flows down safety function)** | |
| Do you have a template in the Specification for identifying safety related items and flowing down the safety function? |  |
| Do you have a write-up that is put in a procurement specification providing expectations for subpart classification of items supporting the safety function? |  |
| Do you have a method of how sub-suppliers are to identify on design documents the subparts that are classified as safety related (on drawings, separate doc, etc.)? |  |
| Do you have a guide or a section in the specification procedure on the expectation of sub-suppliers communicating CC’s, AC’s, acceptance methods in the contract including documents required? |  |
| 1. **Supplier Evaluation** | |
| How does the Engineer and/or Procurement Engineer participate in the NQA-1 evaluation of suppliers? |  |
| What processes are in place when a supplier doesn’t meet all the NQA-1 requirements identified for a procurement? Does anyone have processes to implement additional oversight for those weaknesses? |  |
| Is Engineering asked to provide input for NQA-1 supplier evaluation for those processes that are critical based on the graded approach for the item being purchased? If so examples of the program. |  |
| 1. **Acceptance Planning** | |
| 1. **General Discussion** | |
| How are acceptance activities, such as: supplier surveillance, CGD survey, source verification, and/or design oversight, communicated to the supplier? In the specification or separate document in the contract? |  |
| Who is responsible for developing the supplier oversight activities? |  |
| How is this organized? |  |
| Who is responsible for performing oversight activities? |  |
| Do you have an example of using critical characteristics to develop oversight activities, other than when performing CGD, such as with a graded approach worksheet? |  |
| Do you have an example of using critical characteristics or attributes in Non-nuclear safety related, but still highly important, applications? |  |
| 1. **In house Testing or Inspection** | |
| What in-house testing capabilities do you have that are effective and used in non-nuclear safety related procurements, CGD procurements, Safety Related procurements (PMI, OES, Tensile, Hardness, Durometer, Go-No-Go gauges, dimensional verification, etc.)? |  |
| Do you have “open or bulk” PO’s or agreements with testing labs for CGD purposes? Examples would be appreciated! What seems to be working? |  |
| 1. **CGD surveys and/or Source Surveillance of Program implementation** | |
| Who leads and who participates in CGD surveys? |  |
| What qualifications are required to lead a survey? |  |
| How is the survey documented? |  |
| Are you doing capability based or generic Critical Process based CGD surveys on suppliers? |  |
| Who leads and participates in source surveillances related to program implementation? |  |
| Who identifies when source surveillances related to QA program are required and how is this documented? |  |
| 1. **CGD Source Verification or Source Surveillance of activities** | |
| Who performs or can perform CGD source verification and how are they qualified? |  |
| How do you document CGD source verifications? |  |
| Who identifies when source surveillance activities are to be performed and how is this documented? |  |
| Who performs or can perform a source surveillance on an NQA-1 based procurement and how are they qualified? |  |
| 1. **Supplier History of Performance** | |
| Are you using supplier history of performance as part of acceptance or for reducing the amount of testing or inspection done? |  |
| 1. **Nuclear Safety Quality Culture; Implementation Tools for Engineers** | |
| Do you have a program for teaching engineers how NQA-1 is effectively implemented? |  |
| Do you have examples of quality program related training given to engineers? |  |
| Do you have an effective Graded Approach to Quality training for engineers? |  |
| 1. **CGD program highlights and difficulties** | |
| How often is CGD procurement being used compared to NQA-1 procurement?  A) All the time. B) Only used as a last resort. Or C) Somewhere in between. |  |
| What General Approach do you use: A) Reasonable or B) Defensible Assurance? |  |
| Is your Customer engaged with your CGD program? Have they audited your program? What customer feedback, findings, strengths, etc. did they find? |  |
| Biggest challenges with in-house CGD? |  |
| Biggest challenges with Supplier CGD? |  |