

**SQAD-6 Quality Control Notice (QCN)**

**Sub Code: NSSS**

**NSSS Equivalency Certification**

Certification is required for this item to confirm that any substitutions or replacements have undergone an engineering evaluation under the auspices of the Nuclear Steam System Supplier's 10CFR50, Appendix B-compliant quality assurance program to confirm the item can perform its design and (when applicable) safety-related function(s) for its end use application.

This Certification shall reference the purchase order or contract number, include the date, title, and signature (written, electronic, facsimile, etc.) of a technical or quality representative indicating acceptance of the certification. The Certification should affirm that:

1. The alternate replacement item conforms to the procurement document and its references.
2. *The replacement item has been evaluated as equal to or better than the item it replaces*
3. The fit, form or function of the proposed replacement item is not affected
4. The proposed replacement item does not introduce any new failure modes to the Structure, System, Component
5. *Equipment qualification (seismic, environmental, electromagnetic or radiofrequency interference (EMI/RFI) levels of the proposed replacement item are bounded by the qualification levels of the item it replaces*
6. In addition, the supplier shall identify if changes are required in any of the following areas to accommodate the replacement item:
  - a. Shipping, Storage, in-storage maintenance or handling requirements
  - b. Installation or operational instructions
  - c. Post-maintenance testing requirements