

SQAD-6 Quality Control Notice (QCN)

Sub Code: REPR

Repair and Rework Requirements (if applicable)

Non- Electronic items

Each item ordered for which this quality statement is specified shall require the supplier to perform repair or rework according to the appropriate requirement specified below:

- A. Exelon supplies an approved rework or repair procedure referenced in the PO/Contract.
- B. Supplier rework or repair procedure which has been previously approved by Exelon for the work to be accomplished hereunder and referenced in the PO/Contract.
- C. Exelon subcontractor or Architect/Engineer rework or repair procedure referenced in the PO/Contract.

NOTE 1: If the supplier rework or repair procedure has not been previously approved, these procedures must be submitted to the Exelon Procurement Agent and approved by Exelon Engineering prior to commencement of work.

NOTE 2: Repairs to ASME items/components shall be made to the original code of construction and repair plan/procedure. Any deviation requires code reconciliation and Exelon notification in writing and approval prior to commencement of work. The repair documentation (e.g. detailed repair report, weld map, material certifications, etc.) shall be provided to Exelon.

NOTE 3: For EQ items with constrained service lives, vendor shall certify that service life has been restored to original as a result of the repair or rework activity.

NOTE 4: If item supplied by Exelon for repair is deemed to be not repairable, vendor shall contact the requestor prior to shipping a replacement.

Circuit Card and Power Supply Refurbishment and Repair

- A. The supplier shall assist the requesting Station in determining the “remaining useful service life” of the assembly by conducting preliminary visual inspection and “As Found” electrical test. If a failure analysis is specified, the “As Found” electrical test shall not precondition or impede the failure cause of the assembly.

- B. The Supplier shall evaluate the condition and repair/refurbishment history of the assembly to determine the remaining useful service life based on the design service life of the component utilizing industry standards. A notification (by E-mail or Fax) shall be supplied with the subjective observations about the condition of the assembly and a statement confirming the assembly can or cannot be refurbished, so as to operate in compliance with the original specifications or qualification report.
- C. Technical and Quality requirements are as defined in Exelon Nuclear Engineering Standard NES-EIC-10.10, Revision 1, *Circuit Card Refurbishment / Repair Standard*.
- D. Vendor is responsible for complying with the above standard and any other card specific requirements described on the Purchase Order. If vendor cannot comply, they are required to notify the Exelon issuing site promptly.

Repair or Rework Report

Each item ordered for which this quality statement is specified shall require the supplier to provide a "Repair or Rework Report" (or equivalent) identifying the following:

- A. A description of the parts replaced (including part numbers) that deviate from OEM parts or their equivalence.
- B. A description of any physical or electrical configuration changes that deviates from OEM design or equivalence.

The document shall reference the Exelon PO/Contract number and item number.