



QualTech NP  
Nuclear Division  
125 West Park Loop NW  
Huntsville, AL 35808  
P: 256.722.8500 | F: 256.722.8533  
<http://qualtechnp.cwfc.com>

(File No. QTHuntsville10CFR21-2015-01)

February 20, 2015

To whom it may concern:

This letter is issued to provide notification of a potential defect in Socket (P/N: GB-1A-5) sold separately or supplied as part of a GRAYBOOT "A" (GB-1A) Connector Kit. There is one affected lot of Sockets (Lot #: 092413). The potential defect is that the socket was not zone annealed which will possibly affect the ability to crimp the socket onto the wire conductor. Zone annealing is specified for the crimp barrel to return the crimp barrel to a soft condition to counteract the effects of previous heat treating required to develop spring tension in the socket tines that mate with the pin contact.

The nine affected Customers and their associated Purchase Orders are listed below. All Customers will be notified by February 24, 2015 and supplied with the information we have at this time.

1. Vattenfall- Forsmark Kraftgrupp AB, P.O. 4500301916, Item 0010, 249 kits (P/N: GB-1A [20-26], Lot 092413) Supplied 9DEC2013.
2. Vattenfall- Forsmark Kraftgrupp AB, P.O. 4500301916, Item 0020, 3200 kits (P/N: GB-1A [20-26], Lot 092413) Supplied 30JAN2014.
3. Decon International (HK) Ltd., P.O. DIL00590, Item 1, 20 kits (P/N: GB-1A [20-26], Lot 092413) Supplied 14JAN2014.
4. Ringhals AB, P.O. 641511-090, Item 10, 90 kits (P/N: GB-1A [16-18], Lot 092413) Supplied 12FEB2014.
5. Dremel Inc., P.O. 13-040, Item 2, 12 kits (P/N: GB-1A [16-18], Lot 092413) and Item 3, 40 kits (P/N: GB-1A [16-18], Lot 092413) Supplied 4MAR2014.
6. Bruce Power L.P., P.O. 00185336, Item 0001, 13 kits (P/N: GB-1A [16-18], Lot 092413) Supplied 12MAR2014.
7. Kanata Electronic Services Limited, P.O. 34513, Rev. 1, Item 1, 44 kits (P/N: GB-1A [16-18], Lot 092413) Supplied 2MAY2014.
8. Meggitt Safety Systems Inc., P.O. 104057 C/O 1, Item 1, 12 sockets (P/N: GB-1A-5, Lot 092413), Item 2, 10 sockets (P/N: GB-1A-5, Lot 092413) and Item 3, 12 sockets (P/N: GB-1A-5, Lot 092413), Supplied 5FEB2014.

FE 19  
NRH

9. Meggitt Safety Systems Inc., P.O. 104345, Item 1, 38 sockets (P/N: GB-1A-5, Lot 092413), Item 3, 16 sockets (P/N: GB-1A-5, Lot 092413), Item 5, 16 sockets (P/N: GB-1A-5, Lot 092413), and Item 7, 8 sockets (P/N: GB-1A-5, Lot 092413), Supplied 16APR2014.

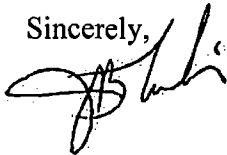
Based on our recent in-house testing of socket Lot #: 092413, the defective sockets appear to be more difficult to crimp than sockets that have been zone annealed. Some of the Lot #: 092413 sockets showed cracking or bending under magnification. We did not have any sockets actually break apart during the crimping process. All the test specimens crimp barrels remained intact. If a severe fracture had occurred at the time of crimping we believe it would have been very noticeable to the technician installing the contact. Once crimped, the socket appears to function well by conducting electricity and exhibiting acceptable electrical resistance. Many of these sockets from Lot #: 092413 may already be installed. Customers will need to determine if replacing the sockets is required.

All customers listed may choose to replace already installed sockets. It is requested that any uninstalled sockets be returned for replacement. All customers requesting replacement sockets should contact Bambi Rhoades at [brhoades@curtisswright.com](mailto:brhoades@curtisswright.com) or by phone at 256-924-7424 for arrangements or Jim Tumlinson, contact information listed below.

Send all defective sockets to QualTech NP; 120 West Park Loop; Huntsville, AL 35806. Customer can contact Cindy Tidwell at [ctidwell@curtisswright.com](mailto:ctidwell@curtisswright.com) or by phone at (256) 924-7436 for help with international or freight collect shipping instructions. Ship all defective sockets collect to UPS Account No. 35254E.

Additional details, corrective actions and root causes will be provided once our report of the recent testing complete. If you require additional information or would like to discuss this further please do not hesitate in contacting me.

Sincerely,



Jim Tumlinson  
Engineering Manager, Engineered Products  
QualTech NP, Huntsville  
A business unit of Curtiss-Wright Flow Control Company  
Office: 256-924-7429  
[jtumlinson@curtisswright.com](mailto:jtumlinson@curtisswright.com)

Visit **ups.com**® or call **1-800-PICK-UPS**® (1-800-742-5877) to schedule a pickup or find a drop off location near you.

**Domestic Shipments**

- To qualify for the Letter rate, UPS Express Envelopes may only contain correspondence, urgent documents, and/or electronic media, and must weigh 8 oz. or less. UPS Express Envelopes containing items other than those listed or weighing more than 8 oz. will be billed by weight.

**International Shipments**

- The UPS Express Envelope may be used only for documents of no commercial value. Certain countries consider electronic media as documents. Visit [ups.com/importexport](http://ups.com/importexport) to verify if your shipment is classified as a document.
- To qualify for the Letter rate, the UPS Express Envelope must weigh 8 oz. or less. UPS Express Envelopes weighing more than 8 oz. will be billed by weight.

**Note:** Express Envelopes are not recommended for shipments of electronic media containing sensitive personal information or breakable items. Do not send cash or cash equivalent.

Apply shipping documents on this side.

Do not use this envelope for:

**UPS Ground**  
**UPS Standard**  
**UPS 3 Day Select®**  
**UPS Worldwide Expedited®**

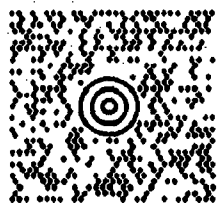
CINDY TIDWELL  
(256) 895-7250 229  
QUALTECH NP  
330 W PARK LOOP NW  
HUNTSVILLE AL 35806-1749

LTR

1 OF 1

**SHIP TO:**

US NUCLEAR REGULATORY COMMISSION  
(904) 885-2367  
DOCUMENT CONTROL DESK  
11545 ROCKVILLE PIKE  
**ROCKVILLE MD 20852**



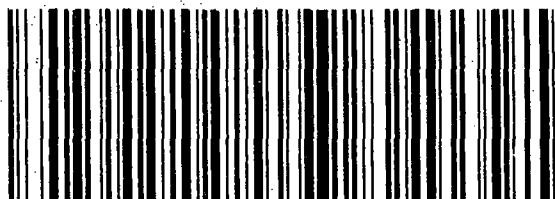
**MD 207 9-78**



**UPS NEXT DAY AIR**

TRACKING #: 1Z 352 54E 01 6619 5578

**1**



BILLING: P/P

REF 1:51710101

WS 15 0 1b ZEBRA LP 2443 60 04 01/2015

SEE NOTICE ON REVERSE regarding UPS Terms, and notice of limitation of liability. Where allowed by law, shipper authorizes UPS to act as forwarding agent for export control and