

71-9027



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9 February 2009

Mr. Eric Benner, Chief
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
11555 Rockville Pike, Mailstop EBB-3D-02M
One White Flint
Rockville, MD 20852

RE: 10 CFR 71.95 report for CoC number 9027

Dear Mr. Benner:

We are making a 10 CFR 71.95 report concerning the model 741-OP Type B package (CoC 9027). While completing the review of the historical documents (drawings and the manufacturing and inspection records) for the model 741 device that is transported in the 741-OP, it was noted that some documented weights exceeded the maximum weight for the device and shield. Please note that the model 741 shield has not been purchased since 2001 and the device is no longer manufactured and has not been manufactured since 2004. Starting in 2005 the model 741 has been shipped in an over pack box.

The maximum recorded shield weight was 235 pounds, the descriptive drawing has a maximum shield weight of 225 pounds. There were approximately 25% of the total number of units that were above the 225 pounds. As the increased depleted uranium shield weight is less than 4% of the overall weight of the shield (225 pounds), the drawing also allows for an additional 17 pounds of lead around the shield if needed, and the 741 is now shipped in an over pack where the total weight is 510 pounds, there are no safety or Part 21 implications as a result of this discrepancy.

There were 4 model 741 devices that from the records may have been more than the maximum weight, of these one has been scrapped and the other three will not be shipped once they come into our facility.

These packages have been in use and safely transported since 1974 with no reported incidents.

Actions taken:

QSA has been performing a full documentation review of all its Type B packages and when needed making necessary amendments and notifications to NRC.

N15501

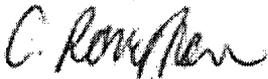
A checklist has been created and made available to users, advising them to ensure the conditions on the Certificate of Compliance are met and that there are no unauthorized modifications of the package prior to shipment.

As continued shipment of devices with the increased shield weight does not impact the safety of the package and there is no action the user can take, we are not making any separate notifications to users.

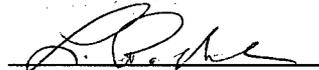
An amendment request will be submitted by 30 Apr 09 increasing the maximum weight of the shield on the descriptive assembly drawing and SAR to update the documentation by providing coverage for these historical units.

Please contact me if you require any additional information regarding this report, at 781-505-8210 or kate.roughan@qsa-global.com.

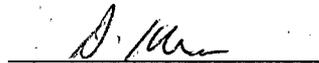
Sincerely,



Cathleen Roughan
Director, Regulatory Affairs/Quality Assurance


RA Approval

9 Feb 09
Date


Engineering Approval

9 Feb 09
Date