July 10, 2007

Mr. Marvin M. Turkanis
Neutron Products, Inc.
22301 Mt. Ephraim Road
Dickerson, MD 20842

SUBJECT: CERTIFICATE OF COMPLIANCE NO. 9102, FOR THE MODEL NO. NPI-20WC-6 PACKAGE

Dear Mr. Turkanis:

As requested by your application dated February 16, 2007, as supplemented on March 15, 2007, enclosed is Certificate of Compliance No. 9102, Revision No. 10, for the Model No. NPI-20WC-6 package. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed.

Neutron Products, Inc., has been registered as a user of the package under the general license provisions of 10 CFR 71.12 or 49 CFR 173.471. The approval constitutes authority to use the package for shipment of radioactive material and for the package to be shipped in accordance with the provisions of 49 CFR 173.471.

If you have any questions regarding this certificate, please contact me or Nancy Osgood of my staff at (301) 492-3326.

Sincerely,

/RA/

Robert A. Nelson, Chief
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-9102
TAC No. L24060

Enclosures:
1. Certificate of Compliance No. 9102, Rev. No. 10
2. Safety Evaluation Report

cc w/encl: R. Boyle, Department of Transportation
J. Shuler, Department of Energy

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SAFETY EVALUATION REPORT
Docket No. 71-9102
Model No. NPI-20WC-6 Package
Certificate of Compliance No. 9102
Revision No. 10

SUMMARY

By application dated February 16, 2007, as supplemented on March 15, 2007, Neutron Products, Inc., requested an amendment to Certificate of Compliance No. 9102 for the Model No. NPI-20WC-6 package. The applicant requested a deviation from the attachment details for various permanent and temporary markings and labels, as shown on the packaging drawings.

EVALUATION

The applicant revised the methods used to attach the permanent and temporary package markings and labels. In lieu of revising the packaging drawings, the applicant requested that the Certificate be revised to include a description of the new methods. The applicant provided a justification why the new methods of attachments would not affect the performance of the package.

The staff notes that the new markings and labels will be riveted to the outer shell of the overpack, and that the small holes remaining from the previous permanent markings and labels will be covered by waterproof tape. The staff agrees that these additional holes will not degrade the safety function of the overpack, which is already designed to have vent holes.

The Certificate has been revised to include Condition No. 8 which describes the new attachment methods.

CERTIFICATE EXPIRATION DATE

The Certificate's expiration date was revised to October 1, 2008, to be consistent with 10 CFR 71.19(a)(3), which became effective October 1, 2004 (69 FR 3698). This Certificate is not renewable.

CONCLUSION

The certificate was revised as requested by the applicant. The Certificate was revised to include Condition No. 11, which authorizes use of the previous revision of the Certificate for a period of approximately one year. These changes do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 9102, Revision No. 10,
on July 10, 2007.