

September 6, 2005

Mr. Leah R. Morrell
Manager, Licensing & Safety Analysis
BWX Technologies, Inc.
P.O. Box 785
Lynchburg, VA 24505

SUBJECT: RENEWAL OF CERTIFICATE OF COMPLIANCE NO. 5149 FOR MODEL
NO. 814A, REVISION 11

Dear Mr. Morrell:

As requested by your application dated May 18, 2005, enclosed is Certificate of Compliance No. 5149, Revision No. 11, for the Model No. 814A package. This certificate supersedes, in its entirety, Certificate of Compliance No. 5149, Revision No. 10, dated July 28, 2000. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed.

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. Those on the attached list have been registered as users of the package under the general license provisions of 10 CFR 71.17 or 49 CFR 173.471. Registered Users may request by letter to remove their names from the Registered Users List.

If you have any questions regarding this certificate, please contact me or Jill Caverly of my staff at (301) 415-8500.

Sincerely,

/RA/

Robert J. Lewis, Chief
Licensing Section
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-5149
TAC No. L23866

Enclosures: 1. Certificate of Compliance
No. 5149, Rev. No. 11
2. Safety Evaluation Report
3. Registered Users

cc w/encls 1 & 2: R. Boyle, Department of Transportation
J. Schuler, Department of Energy
RAMCERTS
Registered Users

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OFFICIAL RECORD COPY

SAFETY EVALUATION REPORT

Docket No. 71-5149
Model No.: 814A
Certificate of Compliance No. 5149
Revision No. 11

SUMMARY

By application dated May 18, 2005, BWX Technologies, Inc. (BWXT) requested renewal of Certificate of Compliance No. 5149 for the Model No. 814A Package. BWXT did not request any changes to the package design or authorized contents. The certificate has been renewed for a term that expires October 1, 2008.

EVALUATION

By application dated May 18, 2005, BWXT requested renewal of Certificate of Compliance No. 5149. BWXT did not request any changes to the package design or authorized contents. The staff reviewed the documents referenced in the certificate and determined that the documentation was available and complete. The staff also reviewed the operating and maintenance procedures for any impacts due to the proposed changes and determined that there are no effects from the proposed modifications.

The following changes have been made to the Certificate of Compliance:

- Condition No. 1(b) was updated for the current revision number of 11.
- Condition No. 5(c) of the certificate was revised to replace the wording "Transport Index for Criticality Control" with "Criticality Safety Index" as defined in 10 CFR 71.4.
- Condition No. 6 of the certificate was revised to clarify that the package is approved for use under the general license provisions of 10 CFR 17.17.
- Condition No. 9 of the certificate was revised to reflect the new expiration date. In accordance with 10 CFR 71.19(a)(3), Type B() packages are no longer authorized for use after October 1, 2008.
- The May 18, 2005, submittal was included in the reference section.

CONCLUSION

The certificate has been renewed for a term that expires on October 1, 2008. This change does not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 5149, Revision 11
on 06 September 2005.