January 1, 2008

J. Greg Field, President
Packaging Technology, Inc.
1102 Broadway Plaza, Suite 300
Tacoma, WA 98402-3526

SUBJECT: AMENDMENT OF CERTIFICATE OF COMPLIANCE NO. 9301 FOR MODEL TNF-XI TRANSPORTATION PACKAGE

Dear Mr. Field:

As requested in your letter dated November 26, 2007, enclosed is Certificate of Compliance (CoC) No. 9301, Revision No. 2, for the Model TNF-XI transportation package. The staff's Safety Evaluation Report is also enclosed. This revision supersedes, in its entirety, CoC No. 9301, Revision No. 1, dated August 14, 2003. Changes made to the enclosed CoC are indicated by vertical lines in the margins.

Those on the attached list have been registered as users of the package under the general license provisions of 10 CFR §71.17 and 49 CFR §173.41. 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. Registered users may request by letter to remove their names from the Registered Users List if they no are longer users of the package.

If you have any questions regarding this certificate, please do not hesitate to contact me at (301) 492-3294.

Sincerely,

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

Docket No.: 71-9301
TAC No.: L24152

Enclosures:
1. CoC No. 9301, Rev No. 2
2. Safety Evaluation Report
3. Registered users list

cc w/encl 1 & 2: R. Boyle, Department of Transportation
J. M. Shuler, Department of energy
R. Grubb, Transnuclear
Registered Users

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SAFETY EVALUATION REPORT

Docket No. 71-9301
Model No. TNF-XI
Certificate of Compliance No. 9301
Revision No. 2

SUMMARY

By applications, both dated November 26, 2007, Packaging Technology, Inc., and Transnuclear, Inc., a subsidiary of AREVA Federal Systems, LLC, (AREVA) requested an amendment to Certificate of Compliance (CoC) No. 9301, for the Model No. TNF-XI transportation package. The applicants requested that this CoC be transferred from Packaging Technology, Inc., to Transnuclear, Inc., effective January 1, 2008.

EVALUATION

By applications, both dated November 26, 2007, Packaging Technology, Inc., and Transnuclear, Inc., a subsidiary of AREVA jointly requested that CoC No. 9301 for the Model No. TNF-XI transportation package be transferred from Packaging Technology, Inc., to Transnuclear, Inc., effective January 1, 2008. Packaging Technology, Inc., stated that it will commence doing business as AREVA on that date. Transnuclear, Inc., stated that it accepts responsibility for the completeness and accuracy of the statements and representations in the safety analysis report (SAR) for this docket. In addition, Transnuclear, Inc., stated that it will maintain the CoC, SAR, and, in cases where packages have been fabricated, the quality assurance records. Revision 7 of the Transnuclear, Inc., Quality Assurance Program was proposed on November 10, 2006, and approved by the staff on December 5, 2006, as stated in its application. Therefore, the name in paragraph 3.a of the CoC was changed as requested.

In addition, to the requested name change the staff made several additional changes to reflect (1) the revised 10 CFR Part 71; (2) the current staff practice to allow use of a previous revision of a CoC for a period of about one year; and (3) renumbering the CoC condition due to the addition of two new conditions. The revised 10 CFR Part 71 final rule was published in the *Federal Register* (69 FR 3698) on January 26, 2004. The rule became effective on October 1, 2004.

1. Condition No. 5(c) wording was revised from:

   "Transport Index for Criticality Control (Criticality Safety Index): 0.5"

   to:

   "Criticality Safety Index: 0.5"

   This change was made for clarity with the requirements of Section 71.59.

2. Condition No. 7 (a new condition) was added to prohibit the use of the package for transport of fissile material by air. This condition reads as follows:

   "Transport by air is not authorized."

   NRC revised 10 CFR Part 71 regulations in 2004, including a new section, 71.55(f), which addresses packaging design requirements for transporting fissile materials by air. Because the package has not been evaluated to that new requirement, the CoC has been revised to clarify that air transport of fissile material is not authorized.

3. Condition No. 8 (previously Condition 7) was revised from:

   "The package authorized by this certificate is hereby approved for use under the general license provisions of 10 CFR §71.12."

   to:

   "The package authorized by this certificate is hereby approved for use under the general license provisions of 10 CFR §71.17."

   As part of the 10 CFR Part 71 revision certain sections were renumbered with no substantial change to the renumbered section. This change was necessary to address the renumbering of Section 71.12 to Section 71.17 that took effect in 2004.

4. Condition No. 9 (a new condition) was added to allow continued use of transport packages while applicants could apply for and receive necessary revalidations from foreign governments for use in those countries. This condition reads as follows:

   "Revision No. 1 of this certificate may be used until August 30, 2007."

   The staff views this change as administrative.

5. Conditions 6, 7, and 8 (previous conditions) were renumbered as a consequence of the two new conditions, Conditions No. 6 and 9.

CONCLUSION

In addition to the staff initiated changes, discussed above, CoC No. 9301 has been revised to state that the CoC holder is Transnuclear, Inc. The staff finds that these changes do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with CoC No. 9301, Rev. 2 on January 1, 2008.