

May 9, 2006

Mr. Jayant Bondre
Director of Engineering and Licensing
Transnuclear, Inc.
7135 Minstrel Way
Columbia, MD 21045

SUBJECT: RENEWAL OF CERTIFICATE OF COMPLIANCE NO. USA/9015/B()F FOR
MODEL NO. TN-8 AND TN-8L PACKAGES, REVISION 21 (TAC NO. L23969)

Dear Mr. Bondre:

As requested by application dated April 26, 2006, enclosed is Certificate of Compliance No. 9015, Revision No. 21, for the Model No. TN-8 and TN-8L packages. 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/ for James R. Hall

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

Docket No. 71-9015
TAC No. L23969

Enclosures: 1. Certificate of Compliance
No. 9015, Rev. No. 21
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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DISTRIBUTION: (CLOSES TAC# L23969)

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OFC	SFPO		SFPO	E	SFPO		SFPO		SFPO	
NAME	JCaverly*		MDebose*		RNelson for JRH					
DATE	05/08/06		05/09/06		05/09/06					

SAFETY EVALUATION REPORT

Docket No. 71-9015
Model No. TN-8 and TN-8L Packages
Certificate of Compliance No. 9015
Revision No. 21

SUMMARY

By application dated April 26, 2006, Transnuclear, Inc. (TN) requested renewal of Certificate of Compliance (CoC) No. 9015 for the Model No. TN-8 and TN-8L packages. TN did not request any changes to the package design or authorized contents. The certificate has been renewed for a term ending October 1, 2008.

EVALUATION

By application dated April 26, 2006, TN requested renewal of Certificate of Compliance No. 9015. 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 Certificate of Compliance No. 9015 has been renewed until October 1, 2008. This is less than the standard 5-year renewal interval because the safety series under which this CoC was originally approved will no longer be valid. This is due to the requirement of the most recent revision of 10 CFR Part 71, updated October 2004 (69 FR 3698) that does not authorize renewal of packages approved under the 1967 safety series past October 1, 2008.

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

- Condition No. 3(a) was revised to include the new corporate address for TN.
- Condition No. 5(c) was revised to include the new term "Critical Safety Index" revised in the new Part 71 ruling effective October 1, 2004 (69 FR 3698).
- Condition No. 20 was revised to reflect the new numbering due to the new Part 71 ruling effective October 1, 2004 (69 FR 3698).
- Condition No. 21 was added to authorize the use of the previous revision of the certificate for a period of approximately one year.
- Condition No. 22 was updated for the new expiration date of October 1, 2008. This certificate is not renewable.

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. 9015, Revision 21
on May 9, 2006.