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For the attention of **Mr. BOYLE**

Montigny-le-Bretonneux, 27<sup>th</sup> November 2009

O/Ref.: CEX-09-00162251

Subject: **TN-MTR package**

**U.S. validation of the French certificate of approval F/357/B(U)F-96 (Ct) for the package design consisting of the TN-MTR loaded with either a MTR-52S or a MTR52SV2 basket and their respective authorized radioactive contents #4 and #9 (fuel assemblies irradiated in a MTR)**

**U.S. validation of the French certificate of approval F/357/B(U)F-96 (Ct) for the packaging TN-MTR provided with the "SEC" lid**

- References :
- <1> Certificate of approval reference USA/0565/B(U)F-96, revision 2
  - <2> Safety Analysis Report reference DOS-06-00032593
  - <3> Safety Analysis Report reference DOS-07-00084417
  - <4> French competent authority certificate F/357/B(U)F-96 (Cr)
  - <5> TN International letter CEX-08-00135335, dated December 30<sup>th</sup>, 2008
  - <6> French competent authority certificate F/357/B(U)F-96 (Ct)
  - <7> TN International letter CEX-09-00142973, dated March 20<sup>th</sup>, 2009
  - <8> Certificate of approval reference USA/0565/B(U)F-96, revision 3
  - <9> TN International letter CEX-09-00153651, dated August 10<sup>th</sup>, 2009
  - <10> Nuclear Regulatory Commission letter Docket No 71-3052 and TAC No L24334, dated November 5<sup>th</sup>, 2009

## TN INTERNATIONAL

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Dear Mr Boyle,

On December 13<sup>th</sup>, 2007, you issued the certificate <1> based on the revision 1 of the Safety Analysis Report <2> (which English version is the revision 0 of the Safety Analysis Report <3>) to validate the French certificate <4> for the package consisting of a TN-MTR packaging loaded with either a MTR-52S or MTR-52SV2 baskets and their respective radioactive contents #4 and #9 (fuel assemblies irradiated in Material Testing Reactors (MTR)). This certificate will expire on October 31<sup>st</sup>, 2010.

On March 12<sup>th</sup>, 2009, the French Competent Authority issued the French certificate <6> for the package consisting of a TN-MTR packaging loaded with either a MTR-52S or MTR-52SV2 basket and their respective authorized radioactive contents #4 and #9. This certificate allows also the TN-MTR packaging to be provided with the "SEC" lid. This certificate will expire on December 31<sup>st</sup>, 2010.

On April 21<sup>st</sup>, 2009, you issued the certificate <8> based on the revision 2 of the Safety Analysis Report <2> (which English version is the revision 1 of the Safety Analysis Report <3>) to validate the French certificate <6> for the package consisting of a TN-MTR packaging loaded with a MTR-52SV2 basket and its authorized radioactive content #9. **This certificate will expire on April 30<sup>th</sup>, 2010 and since October 31<sup>st</sup>, 2009, it has superseded all previous revisions of USA/0565/B(U)F-96 (including <1>).**

As mentioned in our letter <7> the certificate of approval <8> was intended for use in the frame of the GTRI program (return of MTR fuel elements into Savannah River site) with transport of MTR elements from Indonesia to Savannah River site. As the time schedule before this transport was tight, we only applied in our letter <7> for the extension of the certificate of approval <1> to authorize the transport of MTR content #9, in the TN-MTR packaging loaded with a MTR-52SV2 basket.

In the letter <9> dated August 10<sup>th</sup>, 2009, we applied for the extension of the certificate of approval <8> with the same characteristics that the French certificate <6>:

- package consisting of a TN-MTR packaging loaded with either a MTR-52S or MTR-52SV2 baskets and their respective radioactive contents #4 and #9,
- validation of the "SEC" lid (the certificates <1> and <8> are restricted to standard lid).

In the letter <10> dated November 5<sup>th</sup>, 2009, the Nuclear Regulatory Commission sent to Department Of Transportation, in the frame of the review of the French certificate <6>, a Request for Additional Information and requested that this information is provided by December 29<sup>th</sup>, 2009.



You should know that TN International is currently working to expand the French certificate <6> to disassembled plates and failed fuels. The French Competent Authority should issue a new certificate at the middle of 2010, allowing the transportation of disassembled plates and failed fuels either in a MTR-52S or in a MTR-52SV2 basket. Therefore, we would like to express our wish to cancel our application <9> and to resubmit another application to your services for the same contents as asked in our application <9> expanded to disassembled plates and failed fuels when the French certificate <6> will be revised by the French Competent Authority.

We will then include in our application the information requested by the Nuclear Regulatory Commission in the letter <10>.

For information, as the French certificate <6> will expire December 31<sup>st</sup>, 2010, and cause of a need of transportation at the beginning of 2011, TN International is going to applied for the renewal of this certificate to the French Competent Authority (included disassembled plates and failed fuels) by September 2010, and then will applied for the validation of Department Of Transportation in order to have no break on the US certificate for the TN-MTR cask.

Should you require further information, please feel free to contact me.

Best regards,

A handwritten signature in black ink, appearing to read 'J. Malhaire', written over a horizontal line.

Jean-François MALHAIRE  
Transport & Engineering Section

Copy: C. Shelton – TN Inc.

<b>TN International</b>	<b>BORDEREAU D'ENVOI</b> <b>TRANSMITTAL FORM</b>	
Réf. CEX-09-00163070	Rév. 00	

Form : PS05-1-MO-07 rév. 6

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Emetteur / Sender	Destinataire / Consignee
Nom/Name : <b>J.F. MALHAIRE</b>  Date : 04/12/2009  Signature : <b>P.O. S. BLAN</b>  	Société/Company : <b>Department of Transportation</b> <b>PHMSA</b>  A l'attention de/For the attention of : <b>Mr BOYLE</b>  Adresse/Address : <b>1200 New Jersey Ave., S.E.</b> <b>East Building, 2<sup>nd</sup> Floor PHH-23</b> <b>Washington, D.C. 205690-0001</b> <b>USA</b>

## DOCUMENTS TRANSMIS / DISTRIBUTED DOCUMENTS

Repère Item	Nombre Number	Désignation - Titre Designation - Title	Référence Reference	Observations
1	1	Courrier TN INTERNATIONAL	CEX-09-00162251	3 pages

## ACCUSE DE RECEPTION DU DESTINATAIRE / ACKNOWLEDGEMENT OF RECEIPT

Nom / Name :

Signature :

Date :

<p>A RETOURNER / FAXER A TN International/ J.F. MALHAIRE          PLEASE MAIL/FAX BACK TO TN International          BP 302 - 1, rue des Hérons          Montigny le Bretonneux          78054 ST QUENTIN EN YVELINES  <b>(33) (0)1.34.96. 54 55</b></p>
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