



E-48635  
July 10, 2017

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

Subject: Application for Revision 15 to Certificate of Compliance No. 9233 for the Model No. TN-RAM, Docket No. 71-9233

References: [1] Revision 14 to Certificate of Compliance No. 9233 for the Model No. TN-RAM.  
[2] Document E-10621, Safety Analysis Report for the TN-RAM, Revision 16.

In accordance with 10 CFR 71.31(b), TN Americas LLC submits its application for revision to Certificate of Compliance (CoC) No. 9233 for the Model No. TN-RAM.

There are four proposed changes in this application for modification of the package design. Detailed discussion regarding each change is provided in Enclosure 1. A summary statement of each change is as follows:

1. TN-RAM No. 02 - As-fabricated non-conformance with respect to the lead thickness in the annulus for the new TN-RAM.
2. Specification of Material Properties for wood used in the Impact Limiters - This includes a new appendix, Appendix 2.10.10, that demonstrates the sensitivity of package performance to certain wood properties.
3. Operations (Chapter 7) and Maintenance and Acceptance Testing (Chapter 8) - A revision to Chapter 7 for clarification with respect to lifting attachment points, empty package, and contents. A revision to Chapter 8 for clarification with respect to the acceptance criteria for the shielding integrity test.
4. Tie-down and Lifting Standards - A revision to Chapter 2, specifically Section 2.5, for a clarification regarding tie down and lifting attachment points.

This submittal contains the following enclosures:

- Enclosure 1 provides a description and detail regarding each of the four proposed changes in the application, as well as each SAR proposed chapter and/or section change, and the justification for each change. This enclosure is proprietary.

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**TN AMERICAS LLC**

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- Enclosure 2 provides a copy of the TN-RAM SAR Revision 16A for the Revision Log, Chapter 1, Chapter 2 (Sections 2.3, 2.5, and 2.7, Appendices 2.10.2, 2.10.6, 2.10.7, and 2.10.10), Chapter 5, Chapter 7, and Chapter 8. This enclosure is proprietary.
- Enclosure 3 provides a public copy of Enclosure 2. This enclosure is non-proprietary.
- Enclosure 4 is a markup of Revision 14 of CoC No. 9233 for the proposed changes discussed in Enclosure 1.
- Enclosure 5 provides a listing of the computer files contained in Enclosure 6.
- Enclosure 6 is a separate computer disk containing the computer files.
- Enclosure 7 provides a public copy of Enclosure 1. This enclosure is non-proprietary.
- Enclosure 8 provides an affidavit, in accordance with 10 CFR 2.390, specifically requesting that the proprietary information included in Enclosure 2 and Enclosure 6 of this submittal be withheld from public disclosure, and that information may not be used for any purpose other than to support the review of the application for revision to the TN-RAM CoC. A non-proprietary version of Enclosure 2 is provided in Enclosure 3. Since Enclosure 6 is entirely proprietary, there is no corresponding non-proprietary version provided.

The changed areas in the SAR are marked as follows:

- New or changed pages show "Revision 16A" in the header.
- Changed areas are indicated using revision bars in the right-hand margin. Newly inserted or changed text is shown by italics.

Based on communications with the NRC during the course of this licensing action, TN Americas LLC respectfully requests to be notified when the NRC has completed the safety review and determined that no additional information is required for issuance of the CoC. This will enable TN Americas LLC to submit a consolidated Revision 17 to the TN-RAM SAR (both the proprietary and the non-proprietary versions), which incorporates all the changes completed during the course of this application for revision.

Should you or your staff have any questions or require additional information to support review of this application, please contact Mr. Glenn Mathues by telephone at 410-910-6538.

Sincerely,



Jayant Bondre  
Chief Technical Officer

Enclosure:

1. Description and Justification of Proposed SAR Changes (Proprietary)
2. TN-RAM SAR Revision 16A; Revision Log, Chapter 1, Chapter 2 (Sections 2.3, 2.5, 2.7, Appendices 2.10.2, 2.10.6, 2.10.7, 2.10.10), Chapter 5, Chapter 7, and Chapter 8 (Proprietary)
3. TN-RAM SAR Revision 16A; Revision Log, Chapter 1, Chapter 2 (Sections 2.3, 2.5, 2.7, Appendices 2.10.2, 2.10.6, 2.10.7, 2.10.10), Chapter 5, Chapter 7, and Chapter 8 (Non-Proprietary)
4. Proposed Changes to CoC 9233 Revision 14
5. Listing of Computer Files Contained in Enclosure 6
6. One electronic copy (computer disk) of the Computer Files (Proprietary)
7. Description and Justification of Proposed SAR Changes (Non-Proprietary)
8. Affidavit Pursuant to 10 CFR 2.390

cc: John Vera, U.S. Nuclear Regulatory Commission

- Two electronic copies (computer disk) of this letter and Enclosures 1, 2, 4, 5 and 8
- One electronic copy (computer disk) of the Computer Files (Enclosure 6)

