

April 11, 2017

U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852-2738

Attn: Document Control Desk

Subject: Submission of the NAC-STC Safety Analysis Report (SAR), Revision 18

Docket No. 71-9235

- References:
1. Certificate of Compliance No. 9235 for the Model No. NAC-STC Package, U.S. Nuclear Regulatory Commission (NRC), Revision 14, February 17, 2016
 2. Certificate of Compliance No. 9235 for the Model No. NAC-STC Package, U.S. Nuclear Regulatory Commission (NRC), Revision 15, December 20, 2016
 3. Certificate of Compliance No. 9235 for the Model No. NAC-STC Package, U.S. Nuclear Regulatory Commission (NRC), Revision 16, March 24, 2017
 4. Certificate of Compliance No. 9235 for the Model No. NAC-STC Package, U.S. Nuclear Regulatory Commission (NRC), Revision 17, April 6, 2017
 5. Safety Analysis Report (SAR) for the NAC Storage Transport Cask, Revision 17, NAC International, April 2011

NAC International (NAC) hereby submits NAC-STC SAR Revision 18. This SAR revision incorporates those changes approved via Certificate of Compliance (CoC) No. 9235 Revisions 14, 15, 16, and 17 (References 1 thru 4, respectively). NAC requested to revise the Safety Analysis Report (SAR) via submittals 13A, 14A, 14B, 14C, 15A, 15B, 16A, 16B, 16C, and ED20150136. These submittals included revisions to support the West Valley Demonstration Project (WVDP) High Level Waste (HLW) and the transportation of uncanistered High-Burnup (HBU) PWR 17x17 fuel.

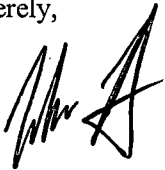
Each NAC-STC SAR page is identified as Revision 18 and March 2017 in the header. Those changes incorporated in this revision have been identified with revision bars in the margin of the affected pages. In addition to the NRC approved changes, minor editorial changes have been made throughout the document to improve readability and are captured in Enclosure 1. Enclosure 2 details those drawing changes incorporated by this revision. Enclosure 3 contains SAR Revision 18 and the List of Effective Pages (LOEP).

As part of this submittal, NAC is including one hard copy of both the proprietary and non-proprietary versions of SAR Revision 18. The proprietary version of this submittal is contained in a separate sealed envelope marked as "NAC Proprietary Information." An Affidavit pursuant to 10 CFR 2.390 is provided via Attachment 1 to this letter.

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Should you require further details regarding the submittal, please feel free to contact me at 678-328-1236.

Sincerely,



Mr. Wren Fowler
Director, Licensing
Engineering

Attachment:

Attachment 1 - NAC International Affidavit Pursuant 10 CFR 2.390

Enclosures:

Enclosure 1 - List of Changes, NAC-STC SAR, Revision 18

Enclosure 2 - List of Drawing Changes, NAC-STC SAR, Revision 18

Enclosure 3 - SAR and LOEP for the NAC-STC SAR, Revision 18