



TS:21:03028  
UFC:5822.00

November 18, 2021

ATTN: Document Control Desk  
Director, Spent Fuel Project Office  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: REVISION 25 OF THE TRUPACT-II SHIPPING PACKAGE APPLICATION, DOCKET NO. 71-9218, AND REVISION 8 OF THE HalfPACT SHIPPING PACKAGE APPLICATION, DOCKET NO. 71-9279 (EPIDS L-2021-LLA-0033 AND L-2021-LLA-0034)

- References;
1. Letter from T. E. Sellmer to Document Control Desk dated February 23, 2021, subject: Revision 25 of the TRUPACT-II Shipping Package Application, Docket No. 71-9218, and Revision 8 of the HalfPACT Shipping Package Application, Docket No. 71-9279
  2. Letter from T. E. Sellmer to Document Control Desk dated June 24, 2021, subject: Amendment to Revision 25 of the TRUPACT-II Shipping Package Application, Docket No. 71-9218, and Revision 8 of the HalfPACT Shipping Package Application, Docket No. 71-9279 (EPIDS L-2021-LLA-0033 AND L-2021-LLA-0034)
  3. Letter from N. Garcia Santos to T. E. Sellmer dated August 11, 2021, subject: Application for the Model Nos. TRUPACT-II and HALFPACT Transport Packages – Request for Additional Information (EPIDS L-2021-LLA-0033 AND L-2021-LLA-0034)
  4. Letter from T. E. Sellmer to Document Control Desk dated October 6, 2021, subject: Response to Request for Additional Information for Revision 25 of the TRUPACT-II Shipping Package Application, Docket No. 71-9218, and Revision 8 of the HalfPACT Shipping Package Application, Docket No. 71-9279 (EPIDS L-2021-LLA-0033 and L-2021-LLA-0034)

Dear Sir or Madam:

Nuclear Waste Partnership LLC, on behalf of the U.S. Department of Energy (DOE), hereby submits an amendment to Revision 25 of the application for a Certificate of Compliance (CoC) for the TRUPACT-II Packaging, U.S. Nuclear Regulatory Commission (NRC) Docket No. 71-9218, and Revision 8 to the application for a CoC for the HalfPACT Packaging, NRC Docket No. 71-9279 (References 1 through 4). This amendment includes revisions to Chapter 8 of the HalfPACT Safety Analysis Report (SAR) in response to a telephone conference between Mr. T. E. Sellmer and Ms. N. Garcia Santos (NRC) on November 15, 2021, and consists of the following documents:

- TRUPACT-II SAR, Revision 25
- HalfPACT SAR, Revision 8
- Contact-Handled Transuranic Waste Authorized Methods for Payload Control (CH-TRAMPAC), Revision 6
- CH-TRU Payload Appendices, Revision 5.

New changes are identified in Attachment A, and all technical changes added in this submittal are indicated by right-bars in the margin of the documents (“|”). Right-bars in the margin of the documents (“|”) indicating technical changes made to the documents in the original submittal and the amendment of this application in response to the Request for Additional Information (Reference 4) also have been retained.

This submission contains files, one or more of which contains hyperlinks to other files or to Internet websites. These hyperlinks are either inoperable or are not essential to the use of the filing. Any material referenced by hyperlinks to Internet websites that was essential for use of this filing has been submitted as part of the filing. Any material referenced by a hyperlink to another file that was essential for the use of this filing has either been included by reference or submitted as part of this filing.

To facilitate implementation, it is requested that the current package CoCs be valid for use one year from the date of issuance of the revised CoCs.

If you have any questions regarding this submittal, please contact Scott Burns of my staff at (575) 706-7920.

Sincerely,

**TODD SELLMER**  
(Affiliate)

Digitally signed by TODD  
SELLMER (Affiliate)  
Date: 2021.11.18 06:44:01 -07'00'

T. E. Sellmer, Manager  
Packaging and Information Systems

TES:clm

cc: D. Foreman, CBFO  
K. E. Princen, CBFO  
D. Smith, CBFO  
D. L. Standiford, CBFO  
M. Toothman, CBFO  
J. A. Walker, CBFO  
J. Shuler, EM-4.24  
J. Shenk, EM-4.24  
L. F. Gelder, SRRRC  
N. Garcia Santos, USNRC  
B. H. White, USNRC

The following table summarizes the components of this submittal. No deviations occur from the NRC-prescribed PDF formatting for the submitted files. Please contact Ms. C. L. Morrison at (505) 350-3693 or cindy.morrison@wipp.ws to resolve any discrepancies in this submittal.

<b>File Name</b>	<b>File Size (MB)</b>	<b>Release Level</b>	<b>Submittal Type</b>
001 Transmittal Letter – November 2021.pdf	0.2	Publicly Available	EIE
002 TRUPACT-II SAR R25 – November 2021.pdf	38.7	Publicly Available	EIE
003 HalfPACT SAR R8 – November 2021.pdf	40.4	Publicly Available	EIE
004 CH-TRAMPAC R6 – November 2021.pdf	6.3	Publicly Available	EIE
005 CH-TRU Payload Appendices R5 – November 2021.pdf	50.8	Publicly Available	EIE

## ATTACHMENT A – Summary of Revisions

---

<b><u>Summary</u></b>	<b><u>Pg.</u></b>
TRUPACT-II SAR, Revision 25	A-2
HalfPACT SAR, Revision 8	A-3
CH-TRAMPAC, Revision 6	A-4
CH-TRU Payload Appendices, Revision 5	A-5

**ATTACHMENT A – Summary of Revisions**

---

<b>TRUPACT-II SAR, Revision 25, November 2021</b>		
<b>Section</b>	<b>Page</b>	<b>Change Description</b>
General		Revised header for date.
		Administrative change. No impact to safety basis.

**ATTACHMENT A – Summary of Revisions**

<b>HalfPACT SAR, Revision 8, November 2021</b>			
<b>Section</b>	<b>Page</b>	<b>Change Description</b>	<b>Justification</b>
General		Revised header for date.	Administrative change. No impact to safety basis.
8.1.5	8.1.18	Added description of shielding integrity acceptance tests for the lead-lined shielded containers (SC-30G1, SC-30G2, SC-30G3, and SC-55G2).	Shielding integrity acceptance tests added to be included in Chapter 8 as discussed during telephone conference between Mr. T.E. Sellmer (NWP) and Ms. N. Garcia Santos (NRC) on November 15, 2021.
8.2.5	8.2.7	Added description regarding shielding tests for the lead-lined shielded containers (SC-30G1, SC-30G2, SC-30G3, and SC-55G2).	Shielding integrity acceptance tests added to be included in Chapter 8 as discussed during telephone conference between Mr. T.E. Sellmer (NWP) and Ms. N. Garcia Santos (NRC) on November 15, 2021.

**ATTACHMENT A – Summary of Revisions**

---

<b>CH-TRAMPAC, Revision 6, November 2021</b>			
<b>Section</b>	<b>Page</b>	<b>Change Description</b>	<b>Justification</b>
General		Revised header for date.	Administrative change. No impact to safety basis.

**ATTACHMENT A – Summary of Revisions**

---

<b>CH-TRU Payload Appendices, Revision 5, November 2021</b>			
<b>Section</b>	<b>Page</b>	<b>Change Description</b>	<b>Justification</b>
General		Revised header for date.	Administrative change. No impact to safety basis.