



Department of Energy

Washington, DC 20585

Mr. Heath Baldner
Director, Licensing
NAC International, Inc.
2 Sun Court, Suite 220
Peachtree Corners, GA 30092

Dear Mr. Baldner,

In response to your request dated August 19, 2025, as supplemented August 26, 2025, on behalf of the Sandia Field Office Manager designee Roy Lybarger, DOE CoC No. 9390, Revision 0, for the Model No. OPTIMUS®-L package is amended per this letter to authorize use of the package for limited shipments of $\text{UO}_2\text{-Gd}_2\text{O}_3$, from the Sandia National Laboratory to the Nevada National Security Site for disposal, based on this letter and its Safety Evaluation Report, subject to the following conditions below:

1. The contents must not exceed the limits in Tables 1.2-4 *Criticality Limits for $\text{UO}_2\text{-Gd}_2\text{O}_3$ Fuel Material*, and 1.2.5 *$\text{UO}_2\text{-Gd}_2\text{O}_3$ Bounding Allowed Content Per Package* of the SARP, Revision 2.
2. The contents must be prepared per the Loading Restrictions in Section 1.2.2.2 *Irradiated Fuel Waste* of the SARP for $\text{UO}_2\text{-Gd}_2\text{O}_3$.
3. All other conditions of DOE CoC No. 9390 shall remain the same.
4. This authorization expires on July 31, 2027.

This letter supersedes the previous letter of authorization issued August 5, 2025.

If you have any questions or need more details, please contact Lawrence Gelder at 803-645-3430 or lawrence.gelder@em.doe.gov.

Sincerely,

JULIA
SHENK

Digitally signed by JULIA
SHENK
Date: 2025.09.04
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Julia C. Shenk
DOE Headquarters Certifying Official
Director
Office of Packaging and Transportation
19901 Germantown Road – Room D115
Germantown, MD 20874

Enclosure: *Safety Evaluation Report for Amendment of Certificate of Compliance No. 9390 for the Model OPTIMUS®-L Package*, Docket 25-34-9390.

cc: Roy Lybarger, NA-SN
Todd Erenstein, SNL
Christopher Cable, EM-4.24
Docket 25-34-9390