



Department of Energy

Washington, DC 20585

May 20, 2026

MEMORANDUM FOR EDWIN R. DESHONG, III
MANAGER
SAVANNAH RIVER OPERATIONS OFFICE

FROM: JULIA C. SHENK **JULIA SHENK**
HEADQUARTERS CERTIFYING OFFICIAL
DIRECTOR
OFFICE OF PACKAGING AND TRANSPORTATION

Digitally signed by JULIA
SHENK
Date: 2026.05.20
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SUBJECT: Letter Amendment of Department of Energy Certificate of Compliance
Number 9979

In response to the email requests April 30, 2026 and May 19, 2026, by Luke Sobus, on behalf of the DOE Savannah River Site Office Manager, Department of Energy Certificate of the Compliance (CoC) Number 9979, Revision 20 is amended to authorize use of the Model 9979 for limited shipments of Tristructural Isotropic (TRISO) fuel compacts from the National Criticality Experiments Research Center in Nevada to the Valar Atomics Ward 250 reactor site in Utah, based on this memo (letter amendment), its Safety Evaluation Report, and subject to the following conditions below.

1. Authorized package contents are defined in Section 1.2.2 of *Safety Analysis Report for Packaging Model 9979 Type A Fissile Shipping Package Addendum 1 Valar Atomics Fuel Elements*, S-SARP-G-00006 Addendum 1, S-SARA-G-00023 Revision 1.
2. Each package is limited to 170 TRISO fuel compacts secured in the WARD250 Fuel Block (Drawing V-002782).
3. The fissile mass limit per block per package is 234.94 grams of U-235.
4. The maximum U-235 enrichment is less than 20 weight percent.
5. Content restrictions per Section 1.2.2.2 of the *Safety Analysis Report for Packaging Model 9979 Type AF Shipping Package*, S-SARP-G-00006, Revision 7.
6. Contents are prepared for loading in the package in accordance with Section 1.2.2.3, of S-SARA-G-00023 Revision 1. Bagging must be unsealed.
7. The criticality safety index (CSI) is 1.0.
8. All other conditions of DOE CoC No. 9979 shall remain the same.
9. This authorization expires on June 30, 2027, or at completion of shipments, whichever occurs first.

If you have any questions, please contact me or the Docket Manager at 803-645-3430 or lawrence.gelder@em.doe.gov.

Attachments

cc: Luke Sobus, SR
Matthew Howard, SRNL
Christopher Cable, EM-4.24
Yung Liu, ANL
Docket 26-35-9979