



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 18, 2024

Julia C. Shenk, Director
Office of Packaging and Transportation
U.S. Department of Energy
EM-4.24/Germantown Building
1000 Independence Ave, S.W.
Washington, DC 20585

SUBJECT: APPLICATION FOR REVISION OF CERTIFICATE OF COMPLIANCE NO. 9315
FOR THE MODEL NO. ES-3100 PACKAGE – ACCEPTED FOR REVIEW

Dear Julia Shenk:

By letter dated February 5, 2024 (Agencywide Documents Access and Management System [ADAMS] Package Accession No. ML24060A090), as supplemented on April 1, 2024 (ML24164A259), the U.S. Department of Energy submitted an application for revision of Certificate of Compliance (CoC) No. 9315 to the Model No. ES-3100 transport package. Among other changes, the application proposes addition of tri-structural isotropic (TRISO) fuel and addition of Packcrete thermal insulating and impact limiting material.

We have completed the acceptance review of your application and determined that it contains sufficient technical information in scope and depth. Therefore, your application has been accepted for detailed technical review. Your application has been assigned Cost Activity Code/Enterprise Project Identification No. 001029/ L-2022-LLA-0116. Please reference this number and Docket No. 71-9315 in any future correspondence associated with this request.

Please note that the U.S. Nuclear Regulatory Commission (NRC) staff's technical review of your submittal may identify issues that could require that you provide additional information. Based on our preliminary evaluation and projection of current review schedules, we anticipate completing our formal review of the application by August 9, 2024. The schedule includes the issuance, if needed, of a request for additional information (RAI) by September 9, 2024, and, provided that we receive your responses to the RAI within 30 days after its issuance, we anticipate issuing the CoC/Safety Evaluation Report by December 6, 2024. Please note that these dates could change depending on the findings of our technical review, urgent assignments, or other factors, such as whether your responses to the RAI are or not adequate. The NRC staff estimates that completing the review of your submittal will require approximately 1035 staff hours which corresponds to about \$310,500 at the current NRC hourly rate of \$300/staff hour. We will promptly communicate significant schedule and/or cost changes, if any.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Part 2, "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room (PDR) or from the Publicly Available Records component of the NRC's ADAMS. ADAMS is accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>. The PDR is open by appointment. To make an appointment to visit the PDR, please send an email to PDR.Resource@nrc.gov or call

J. Shenk

- 2 -

1-800-397-4209 or 301-415-4737, between 8 a.m. and 4 p.m. eastern time (ET), Monday through Friday, except Federal holidays.

Sincerely,



Signed by White, Bernard
on 06/18/24

Bernard H. White IV, Senior Project Manager
Storage and Transportation Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-9315
EPID No. L-2022-LLA-0116

SUBJECT: APPLICATION FOR REVISION OF CERTIFICATE OF COMPLIANCE NO. 9315
FOR THE MODEL NO. ES-3100 PACKAGE – ACCEPTED FOR REVIEW

DOCUMENT DATE: June 18, 2024

Distribution:

DFM r/f

BPatel, NMSS

ABarto, NMSS

JCarlson, NMSS

JBorowsky, NMSS

JGutierrez, NMSS

ASotomayour-Rivera, NMSS

JDrabble, NMSS

71uf9315all@listmgr.nrc.gov

ADAMS Accession No.: ML24169A378

| OFFICE | NMSS/DFM/STLB | NMSS/DFM/STLB | NMSS/DFM/STLB | NMSS/DFM/STLB |
|--------|---------------|---------------|----------------|---------------|
| NAME | BWhite | SFiguroa | YDiaz-Sanabria | BWhite |
| DATE | 6/18/2024 | 6/18/2024 | 6/18/2024 | 6/18/2024 |

OFFICIAL RECORD COPY