



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

**SAFETY EVALUATION REPORT
Docket No. 71-9329
Model No. S300
Certificate of Compliance No. 9329
Revision No. 6**

SUMMARY

By application dated December 14, 2021 [Agencywide Documents Access Management System (ADAMS) Accession Number (No.) ML22005A346], the National Nuclear Security Administration's Office of Packaging and Transportation (NNSA or the applicant) submitted a renewal request for Certificate of Compliance (CoC) No. 9329 for the Model No. S300 package. Chapter 9 of Revision 5 of the application (ADAMS Accession No. ML16295A317) includes a description of the quality assurance program applicable to the Model No. S300 transportation package. The certificate has been renewed for an additional five-year term.

EVALUATION

By letter dated December 14, 2021, the applicant requested renewal of CoC No. 9329 for the Model No. S300 package. The applicant did not request any changes to the package design, operating procedures, acceptance tests, or maintenance program for the package. The NRC staff (the staff) verified that Revision 5 of the application was available in ADAMS, since it is referenced in Certificate of Compliance No. 9329 as the consolidated application. The staff checked that the consolidated application included a description of the quality assurance program applicable to the Model No. 9329.

The staff reviewed the contents of Revision 5 of the certificate and verified that the dates and description of Revision 5 of the application and applicable supplements were accurate. The section, "Conditions," of this safety evaluation includes a discussion about the changes to the certificate. The certificate has been renewed for an additional five-year term expiring on January 31, 2027.

CONDITIONS

The following sections and conditions were changed in the CoC:

- 1) Section No. 3.b. has been revised to include the title, month, and year of the application and state that the application and its supplements are part of the information considered as part of the renewal.
- 2) The first table in Condition No. 5.b.(2) was rearranged to improve readability. There were no changes to the contents of the table. Since this change was editorial, the staff did not include change bars in the CoC.

- 3) Condition No. 10 has been revised to indicate that Revision No. 5 of the certificate may be used until January 31, 2023.
- 4) Condition No. 11 has been revised with an expiration date of January 31, 2027.

The "REFERENCES" Section of the CoC was revised to add more detailed information about the documents related to Revision 6 of CoC No. 9329 starting with adding the title, month, and year of Revision 5 of the application. The documents listed as supplements dated are mostly related to renewal request. The documents dated September 22, 2016, (ADAMS Accession No. ML16278A639) and December 14, 2021 (ADAMS Accession No. ML22005A346), correspond to renewal requests with no changes to Revision 5 of the application. The document dated October 14, 2016 (ADAMS Accession No. ML16295A091) corresponds to the transmittal letter of Revision 5 of the application requested when processing the renewal in 2016 (ADAMS Package Accession No. ML16305A112).

CONCLUSION

Based on the statements and representations contained in the application and the conditions listed above, the staff concludes that the design of the Model No. S300 package has been adequately described and evaluated. The staff concludes that the changes indicated in the certificate do not affect the ability of the package to meet the requirements of 10 CFR Part 71. The certificate has been renewed for an additional five-year term expiring on January 31, 2027.

Issued with Certificate of Compliance No. 9329,
Revision No. 6, on January 25, 2022.