



EM Environmental Management

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DOE Packaging Certification Program

Safety Evaluation Report for 9132 Package Certificate Renewal

Docket No. 18-53-9132

Prepared by:

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Date:

10/4/18

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Approved by:

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Date:

10/04/2018

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SER for 9132 Package Certificate Renewal

Docket 18-53-9132

Evaluation

By email ^[1] dated September 11, 2018, the Richland Operations Office (RL) submitted a request to renew US Department of Energy (DOE) Certificate of Compliance (CoC) Number 9132, for Package Identification No. USA/9132/B(M)F (DOE).

RL did not request any changes to either the package design or the authorized contents since CoC 9132 Revision 15 was issued on January 9, 2014. Rev 15 is based on:

- 1) *Consolidated Safety Analysis Report for the T-3 Spent Fuel Shipping Cask*, WHC-1990, Revision 6a; 1990, as supplemented by
- 2) *Addendum to the Consolidated Safety Analysis Report for the T-3 Spent Fuel Shipping Cask Demonstrating Compliance to the Requirement of 10 CFR 71, Sodium-Bonded Fuel*, FFTF-30866, Revision 1, June 2007.

DOE Packaging Certification Program (PCP) staff reviewed the above documents referenced in CoC Revision 15 and determined that the documentation was available and complete.

Based on the statements and representations in the renewal request and safety basis documents referenced in the CoC, and the conditions specified below in this SER for inclusion in the CoC, PCP staff concludes that the package continues to meet the requirements of 10 CFR Part 71.

Conditions of Approval

The following changes to the CoC are required for renewal

- Section 3.(2) *Title and identification of report or application* – Revise to “Consolidated Safety Analysis Report for the T-3 Spent Fuel Shipping Cask, WHC-1990, Revision 6a; as supplemented [see 5(e)].”
- Section 5.(d) *Conditions*
 - (14) – Add standard statement for DOE CoCs “Only DOE elements or persons working under contract to DOE elements shall consign the package for shipment.”
 - (15) – Add standard statement for DOE CoCs “Nuclear Regulatory Commission (NRC) or Agreement State licensees shall not consign a DOE certified package for shipment, but can transfer the material onsite to DOE elements or persons working under contract to DOE elements for consignment of the package.”
- Section 5.(e) *Supplements*:
 - (1) – Revise to “Reserved”
 - (3) – Add “Renewal Request, email C. Arm to J. Lorence, dated September 11, 2018.”

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Conclusion

Based on the statements and representations in the renewal request and safety basis documents referenced in the CoC (Rev 15), and the conditions of approval specified in this SER for inclusion in the CoC, PCP staff concludes that the package continues to meet the requirements of 10 CFR Part 71.

References

- [1] Email, *DOE CoC 9132, T-3 Spent Fuel Shipping Cask (USA/9132/B(M)F)*, Cheryl Arm to Joanne Lorence, dated Tue 9/11/2018 1:55 PM.