

February 22, 2010

Mr. B. K. Miles
Division of Naval Reactors
U.S. Department of Energy
Washington, DC 20585

SUBJECT: CERTIFICATE OF COMPLIANCE NO. 6386 FOR THE MODEL NO. 235R001
PACKAGE

Dear Mr. Miles:

As requested by your application dated November 20, 2009, enclosed is Certificate of Compliance No. 6386, Revision No. 19, for the 235R001 package. This certificate supersedes, in its entirety, Certificate of Compliance No. 6386, Revision No. 18, dated July 21, 2009. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed.

The U.S. Department of Energy is the certificate holder for this package. This approval constitutes authority to use the package for shipment of radioactive material and for the package to be shipped in accordance with the provisions of 49 CFR 173.471.

If you have any questions regarding this certificate, please contact me or Chris Staab of my staff at (301) 492-3321.

Sincerely,

/RA/

Eric J. Benner, Chief
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-6386
TAC No. L24401

Enclosures: 1. Certificate of Compliance
No. 6386, Rev. No. 19
2. Safety Evaluation Report

cc w/encl 1 & 2: R. Boyle, Department of Transportation
J. Shuler, Department of Energy

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SAFETY EVALUATION REPORT

Docket No. 71-6386

Model No. 235R001 Package

Certificate of Compliance No. 6386

Revision No. 19

Summary

By application dated November 20, 2009, as supplemented by electronic correspondence dated February 16, 2009, the U.S. Department of Energy (DOE), Naval Reactors (NR) submitted an amendment request for Certificate of Compliance (CoC) No. 6386 for the Model No. 235R001 package. The Model No. 235R001 shipping containers are designed to ship new fuel cell assemblies to servicing facilities. The applicant requested to delete five contents as authorized contents and statements relating to the contents, since no plan exists to ship the contents, to delete the Criticality Safety Index (CSI) of 25 for the ten shipping containers, which had contained suspect bolts since the containers were either scrapped or bolts replaced, and to change the expiration date to April 30, 2015. The staff has evaluated the request, and has deleted the five contents from the CoC, deleted the CSI of 25 for the ten suspect shipping containers, and revised the expiration date. The staff has concluded that these changes will not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Conditions

The following conditions in CoC No. 6386, Revision No. 19, have been revised as follows:

Condition 5(a)(2), "Description," was revised to correct an editorial.

Condition 5(b)(1), "Type and form of material," was revised to delete five contents and renumber other authorized contents.

Condition 5(b)(2), 5(c)(1), and 5(c)(2) were revised to renumber contents, delete statements relating to deleted contents, and delete the CSI of 25 for the ten suspect shipping containers.

Condition 6 was added to clarify contents which are designated as B(U)F.

Condition 8 was renumbered and revised to change the expiration date to April 30, 2015.

Conclusion

As requested by the applicant, CoC No. 6386 for the 235R001 package was amended to delete five contents, delete the CSI of 25 for ten suspect containers, and revise the expiration date.

Based on the staff's review, the statements and representations in the application, as supplemented, and for the reasons stated in this SER, and with the conditions listed above, staff concludes the changes will not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 6386, Revision No. 19,
on February 22, 2010.