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Department of Energy

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U. S. Nuclear Regulatory Commission
Washington, DC 20055

REQUEST FOR REVIEW OF REVISION 6 OF THE SAFETY ANALYSIS REPORT FOR PACKAGING FOR THE 688-CLASS REACTOR COMPARTMENT DISPOSAL PACKAGE, AND REQUEST FOR REVISED CERTIFICATE OF COMPLIANCE [COC USA/9788/B(U) -96]

Reference: (a) Naval Reactors letter Z#C07-04862 dated January 3, 2008
(b) Letter from Nuclear Regulatory Commission to Naval Reactors dated September 16, 2008; Docket No. 71-9788

This letter requests that the NRC review Revision 6 of the Safety Analysis Report for Packaging (SARP) for 688-Class Reactor Compartment Disposal Packages (RCDPs). RCDPs are Type B shipping containers for radioactive material. The containers are manufactured by modifying the reactor compartments of defueled nuclear-powered vessels.

In reference (a), Naval Reactors requested that the NRC review the previous SARP revision (Revision 6A), which demonstrated that RCDPs from 688-Class submarines operated with a D1G-2 core comply with the 2004 revision of 10 CFR 71. In reference (b), the NRC completed its review and issued an updated Certificate of Compliance (CoC).


Revision 6 of the SARP incorporates additional analysis to support disposal of 688-Class submarines operated with a D2W core. Enclosure (1) contains the change pages for Revision 6. The sidebars mark all changes since Revision 5. To support the NRC review, a brief summary of the changes made since Revision 6A is provided in Enclosure (2).

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Naval Reactors requests that the NRC issue a revised NRC CoC USA/9788/B(U)-96 by December 30, 2011 to support shipping the first D2W RCDP in March 2012. By June 15, 2011, Naval Reactors will provide a draft revision 19 of the DOE-NR CoC for your use. If you have any questions during your review, please call me at (202) 781-6255 or Michael Schultes at (202) 781-6315.


A. P. Cochran
Naval Reactors

- Enclosure: (1) CHANGE PAGES FOR REVISION 6 TO THE 688-CLASS REACTOR COMPARTMENT DISPOSAL PACKAGE SAFETY ANALYSIS REPORT FOR PACKAGING
- (2) SUMMARY OF CHANGES TO THE 688-CLASS REACTOR COMPARTMENT DISPOSAL PACKAGE SAFETY ANALYSIS REPORT FOR PACKAGING SINCE REVISION 6A

Copy to [W/O Enclosure (1)]:

V. Ordaz, Director, Spent Fuel Storage & Transportation, NMSS, NRC
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