

Department of Energy
Office of Civilian Radioactive Waste Management
Yucca Mountain Site Characterization Office
P.O. Box 30307
North Las Vegas, NV 89036-0307

QA: N/A

OCT 21 1999

C. William Reamer, Branch Chief
High-Level Waste and Performance Assessment Branch
Division of Waste Management
Office of Nuclear Material Safety and Safeguards
U. S. Nuclear Regulatory Commission
Two White Flint North
Rockville, MD 20852

U.S. DEPARTMENT OF ENERGY (DOE) DISPOSAL CRITICALITY ANALYSIS
METHODOLOGY TOPICAL REPORT; NAVAL SPENT NUCLEAR FUEL (SNF)
ADDENDUM

Reference: Ltr, Brocoum to Bell, dtd 1/7/99

In the referenced letter, the DOE forwarded the Disposal Criticality Analysis Methodology Topical Report for review and comment by the U.S. Nuclear Regulatory Commission. The purpose of this letter is to inform you that the Naval Nuclear Propulsion Program (NNPP) will be transmitting the Naval Addendum to the Disposal Criticality Analysis Methodology Topical Report by separate correspondence to you on October 29, 1999.

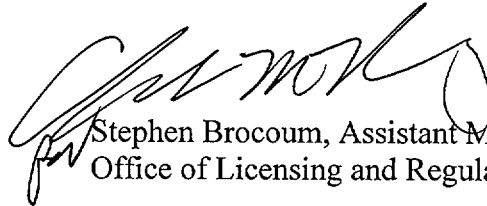
The need for a separate addendum for naval SNF was identified in my January 7, 1999, letter and reviewed with your staff during a technical exchange at Bettis Atomic Power Laboratory in November 1998 and most recently during the Disposal Criticality Technical Exchange which was conducted on October 5 and 6, 1999. Because of its unique design, the mostly deterministic methodology employed by the NNPP for naval SNF uses different codes, cross sections and benchmarks than those used for commercial SNF.

We have reviewed and concur with the Naval Addendum to the Disposal Criticality Analysis Methodology Topical Report. A technical exchange to present the naval spent fuel methodology is scheduled for November 18, 1999, at the Bettis Atomic Power Laboratory.

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We look forward to your review of the Naval Addendum to the Disposal Criticality Analysis Methodology Topical Report. If you have any questions, please call Don E. Dei of NNPP at (703) 603-5573 or Paige R. Z. Russell at (702) 794-1315.



Stephen Brocoum, Assistant Manager
Office of Licensing and Regulatory Compliance

OPE:PRZR-0126

cc:

A. B. Brownstein, DOE/HQ (RW-52) FORS
W. H. Lake, DOE/HQ (RW-44) FORS
S. H. Hanauer, DOE/HQ (RW-2) FORS
L. H. Barrett, DOE/HQ (RW-1) FORS
R. A. Milner, DOE/HQ (RW-2) FORS
C. E. Einberg, DOE/HQ (RW-52) FORS
N. H. Slater, DOE/HQ (RW-52) FORS
Meraj Rahimi, NRC, Rockville, MD
N. K. Stablein, NRC, Rockville, MD
B. J. Garrick, ACNW, Washington, DC
W. D. Barnard, NWTRB, Arlington, VA
D. E. Dei, Naval Reactors, Arlington, VA
E. M. Naples, Naval Reactors, Arlington, VA
J. H. Smyder, Naval Reactors, Las Vegas, NV
K. L. Ashe, M&O, Las Vegas, NV
J. N. Bailey, M&O, Las Vegas, NV
H. A. Benton, M&O, Las Vegas, NV
T. W. Doering, M&O, Las Vegas, NV
M. A. Lugo, M&O, Las Vegas, NV
M. L. Scott, M&O, Las Vegas, NV
D. W. Thomas, M&O, Las Vegas, NV
A. V. Gil, DOE/YMSCO, Las Vegas, NV
P. G. Harrington, DOE/YMSCO, Las Vegas, NV
D. C. Haught, DOE/YMSCO, Las Vegas, NV
S. P. Mellington, DOE/YMSCO, Las Vegas, NV
C. M. Newbury, DOE/YMSCO, Las Vegas, NV
P. R. Z. Russell, DOE/YMSCO, Las Vegas, NV
R. E. Spence, DOE/YMSCO, Las Vegas, NV
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