

November 23, 2005

Mr. George Vanderheyden
Vice President
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, MD 20657

SUBJECT: ERRATA FOR THE U.S. NUCLEAR REGULATORY COMMISSION (NRC)
SAFETY EVALUATION REPORT (SER) RELATED TO AMENDMENT 7 TO
MATERIALS LICENSE NO. SNM-2505 FOR THE CALVERT CLIFFS
INDEPENDENT SPENT FUEL STORAGE INSTALLATION

Dear Mr. Vanderheyden:

On November 2, 2005, the NRC issued license Amendment No. 7 to Materials License SNM-2505, pursuant to Part 72 to Title 10 of the Code of Federal Regulations. This amendment permits the use of the NUHOMS-32P cask as an optional design to the existing NUHOMS-24P design for dry storage of spent nuclear fuel. The staff has determined that the safety evaluation report (SER) that supports this amendment needs to be revised. Specifically, on the third page of the SER there is an evaluation of a change in the thermal analysis. Please replace the fifth paragraph on the third page of the SER with the paragraph below.

The accident analysis that leads to the 99.4 psig DSC internal pressure load is a conservative bounding analysis that assumes the air vents for the Horizontal Storage Module (HSM) in which the DSC is placed are blocked for 48 hours. Therefore, because the 99.4 psig DSC internal pressure value is bounded by the 100 psig value used in the structural analysis and because the thermal analysis uses conservative assumptions, the staff finds the change in DSC internal pressure due to the new thermal analysis to be acceptable.

If you have any questions about this document, please contact Joseph Sebrosky, Senior Project Manager, at (301) 415-8500.

Sincerely,

/RA/

Robert A. Nelson, Chief
Licensing Section
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Docket No. 72-8

cc: Service List

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Calvert Cliffs Nuclear Power Plant
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