



71-9321

31 January 2008  
E&L-004-08

Mr. Robert A. Nelson,  
Chief  
Licensing Section  
Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr. Nelson:

Subject: Safety Analysis Report for the 3-60B Package

EnergySolutions respectfully submits the enclosed Safety Analysis Report (SAR) of the 3-60B Package for NRC review and requests issue of a Certificate of Compliance (CoC) for this new cask design. There are five main parts of this submittal: first, the SAR, Rev. 0; second, the cask drawing, which is to be withheld from public disclosure as security-related sensitive information per 10 CFR 2.390; third, proprietary references to the SAR, which support the demonstrations of compliance in the SAR; fourth, non-proprietary references, which support the demonstrations of compliance in the SAR; and fifth, our proprietary information affidavit for the proprietary references.

Oak Ridge National Laboratory plans to use the 3-60B to ship expended targets from the Spallation Neutron Source Facility. The first target is currently being irradiated and is expected to be ready to ship as waste in the fall of 2009. Due to the potential for mercury contamination of the target, extended storage may not be allowed. In order to allow sufficient time for cask fabrication, we request an issue date for the CoC of November 2008.

Should you or members of your staff have questions about the responses, please contact Mark Whittaker at (803) 758-1898.

Sincerely,

A handwritten signature in cursive script, appearing to read "Patrick L. Paquin".

Patrick L. Paquin  
General Manager – Engineering and Licensing

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