



18 June 2010
E&L-070-10

Mr. Pierre Saverot
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555

SUBJECT: Response to Request for Additional Information and Revised Application for *EnergySolutions* 3-60B, Docket No. 71-9321 and TAC NO. L24354

Dear Mr. Saverot:

Enclosed for your review and approval please find *EnergySolutions*' revised Safety Analysis Report (SAR) for the 3-60B Package. The application has been revised as required by the response to the Request for Additional Information dated April 27, 2010. *EnergySolutions* hereby requests issue of a Certificate of Compliance (CoC) for this new cask design.

There are six parts to this submittal:

1. Revised SAR; 6 CDs each with the complete SAR for staff review, one CD for NRC Document Control without the SAR drawing, which is to be withheld from public disclosure as security-related sensitive information per 10 CFR 2.390.
2. Proprietary references to the SAR, which support the demonstrations of compliance in the SAR; one CD with the documents and one CD with the associated data (two copies of each for staff review)
3. Non-proprietary references, which support the demonstrations of compliance in the SAR; one CD with the documents and one CD with the associated data (two copies of each for staff review)
4. A proprietary information affidavit for the proprietary references and data; included on the SAR CD
5. A response to each of the issues raised in your April 27, 2010 letter; included on the SAR CD

The documents are provided as PDF files along with the associated data files on the electronic media as noted above. Please discard the set of electronic media submitted earlier to you with *EnergySolutions* letter No. E&L-066-10, dated June 4, 2010.

In addition to the response to the RAI, the revised data supplied with this letter incorporates the following.

- The verbal and e-mail comments made by the staff on Chapters 4 and 8 in addition to correcting some formatting and editorial errors in Chapter 4. The changes are marked in revised Chapters 4 & 8 with revision bars on the right margin.
- An error in the data input of *EnergySolutions* document ST-551 Revision 2 was discovered. This error has been corrected in Revision 3 of ST-551.
- The revision number of ST-551 in the references of Chapter 2 of the SAR and *EnergySolutions* documents ST-557, ST-596 and ST-618 has been updated.

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

Sincerely,



Mirza I. Baig
Technical Services Manager – Engineering & Licensing