



June 2, 2014  
ES/NRC 14-013  
Docket No. 72-1007

ATTN: Document Control Desk  
Director, Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**Subject: Supplemental Information for the VSC-24 CoC Renewal Application  
(TAC No. L24694)**

- References:
- (1) Letter from Dr. Pamela Longmire (NRC) to Mr. Steven Sisley (EnergySolutions), "Request for Additional Information for EnergySolutions, VSC-24 Storage System, Certificate of Compliance No. 1007 – Renewal Application (TAC No. L24694)," October 31, 2013, ADAMS Accession Number ML13282A643.
  - (2) Letter from Mr. Steven Sisley (EnergySolutions) to NRC, "Response to Request for Additional Information for the VSC-24 CoC Renewal Application (TAC No. L24694)," April 4, 2014, ES/NRC 14-006, ADAMS Accession Number ML14099A167.

Dear Sir or Madam:

By Reference 1, NRC requested that EnergySolutions (ES) provide additional information needed for NRC staff to complete their review of the application to renew the Certificate of Compliance (CoC) No. 1007 for the VSC-24 Storage System. ES provided the response to the Request for Additional Information (RAI) in Reference 2. This letter provides information to supplement the Reference 2 RAI response. Specifically, one paper copy of Calculation No. VSC-04.3205, Revision 0, which provides the stress inputs used in Calculation No. 1200250.301 that was referenced in the response to question RAI-7, is enclosed. Should you or any member of your staff have questions, please contact the undersigned at (408) 558-3509.

Sincerely,

A handwritten signature in black ink, appearing to read "Sisley", is written over a horizontal line.

Steven E. Sisley  
Cask Licensing Manager  
EnergySolutions

NIH5526

Enclosures:

- 1) Calculation No. VSC-04.3205, Revision 0, "Palisades MSB #4 Crack Growth Analysis Inputs" (1 paper copy)

cc

Dr. Pamela Longmire, Division of Spent Fuel Storage and Transportation