



January 14, 2016
ES/NRC 16-001
Docket No. 71-9204

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

Subject: Request to Amend Certificate of Compliance No. 9204, Revision 22 for the Model No. 10-160B Type B Radwaste Shipping Cask

References: (1) Certificate of Compliance 9204, Docket No. 71-9204, Revision 22.

EnergySolutions (ES) hereby submits an application to the U.S. Nuclear Regulatory Commission (NRC) to amend the Certificate of Compliance (CoC) for the Model 10-160B Type B Radwaste Shipping Cask (Reference 1). The application requests the addition of ethylene propylene rubber as a material alternative for the primary and secondary lid O-rings. The use of ethylene propylene rubber for the package O-rings was originally requested by ES and approved by NRC in Revision 12 of CoC 9204. Although the 10-160B Safety Analyses Report (SAR) evaluates the use of ethylene propylene rubber for all package O-ring seals, the previous revision of SAR Drawing No. C-110-D-29003-010 omitted ethylene propylene rubber from the seal specification for the primary and secondary lid O-ring seals, but did include ethylene propylene rubber in the seal specification for the vent and drain port plug seals.

A summary of the specific proposed changes to the 10-160B SAR is provided in Attachment 1 of this letter. Enclosure 1 contains one (1) paper copy of the non-public version of the revised SAR that contains security-related sensitive information that should be withheld under 10 CFR 2.390. Enclosure 2 contains one (1) paper copy of the public version of the revised SAR in which all security-related sensitive information is redacted.

Should you or any member of your staff have questions, please contact me at (408) 558-3509.

Sincerely,

A handwritten signature in black ink, appearing to read "Sisley".

Steven E. Sisley
Cask Licensing Manager

cc) Pierre Saverot, USNRC, NMSS/DSFM/SFLB
Mark Lewis, EnergySolutions
Dan Shrum, EnergySolutions

NMSS 20

Summary of Changes, 10-160B Consolidated SAR, Revision 8

Section	Page(s)	Change	Purpose
1.3	---	Revised Dwg. No. C-110-D-29003-010, Sheet 2, Material Specification S (zone B-8) to correct the spelling of "rubber" and add "ethylene propylene".	Additional material option for the primary and secondary lid O-rings that is already addressed in the SAR.