



October 6, 2017

Mr. Pierre M. Saverot, Project Manager, Spent Fuel Licensing Branch
Division of Spent Fuel Management – Office of Nuclear Material Safety and Safeguards (NMSS)
U.S. Nuclear Regulatory Commission
Two White Flint North–Mail Stop T4-B34
11545 Rockville Pike
Rockville, MD 20852-2738

SUBJECT: REQUEST TO AMEND CERTIFICATE OF COMPLIANCE USA/9316/B(U)-96

USNRC Reference: Docket No. 71-9316

AOS Reference: FM9006.1-092017-001

Mr. Saverot:

Alpha-Omega Services, Inc. (AOS) would like to request an amendment to Certificate of Compliance No. 9316.

We propose the addition of an option to the thread sealant that is used on the threaded pipe plugs. Currently, the Certification drawings for the four cask models identify Thread Sealant Loctite No. 5770. We propose to add Loctite Thread Seal Tape No. 39904. The Thread Seal Tape was functionally tested and found to provide a leaktight seal. Attached is a copy of the completed test report.

Loctite Thread Seal Tape No. 39904 is rated for continuous service at a temperature of 500°F (260°C). This rating provides a margin of safety of 54°F (30°C) above the maximum temperature that the threaded plugs would experience during a hypothetical fire [1].

We also would like to make several clarifications and corrections on the Certification Drawings. The clarifications will allow for more material options during fabrication and also provide operational flexibility. The changes are described in the attached Table of Changes – AOS Transport Packaging; AOS-025A, AOS-050A, and AOS-100.



Best Regards,

A handwritten signature in black ink, appearing to read "Troy Hedger", is written over a light gray horizontal line.

Troy Hedger, President
Alpha-Omega Services, Inc.

References:

1. Table 3-4, Safety Analysis Report AOS-FM9054, Revision H-3.

Attachments:

Leak Testing Specialists Inc. Report No. 5980-16-027-8837-06-23-2016-01 (6 pages)
Certification Drawings 105E9711 rev J, 105E9712 rev K, 105E9718 rev J, 105E9719 rev K,
166D8137 rev I, 166D8142 rev J, 166D8143 rev I and 185C8518 rev B.
Attachment Section 1.3.1 and Table of Changes – AOS Transport Packaging; AOS-025A, AOS-
050A, and AOS-100 (10 pages)
AOS Affidavit for withholding from public records (re: certification drawings)