

March 9, 2005

Mr. Cary Hedger  
President, RSO  
Alpha-Omega Services, Inc.  
9156 Rose Street  
Bellflower, CA 90706

SUBJECT: MODEL NO. 5979 PACKAGE

Dear Mr. Hedger:

As requested by your application dated October 26, 2004, as supplemented November 15, 2004, and January 27, 2005, enclosed is Certificate of Compliance No. 5979, Revision No. 11, for the Model No. 5979 package. This certificate supersedes, in its entirety, Certificate of Compliance No. 5979, Revision No. 10, dated August 23, 2000. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed.

The approval constitutes authority to use the package for shipment of radioactive material and for the package to be shipped in accordance with the provisions of 49 CFR 173.471. Those on the attached list have been registered as users of the package under the general license provisions of 10 CFR 71.17 or 49 CFR 173.471. Registered Users may request by letter to remove their names from the Registered Users List.

If you have any questions regarding this certificate, please contact me or Jessica M. Umaña of my staff at (301) 415-8500.

Sincerely,

/RA/

John Monninger, Chief  
Licensing Section  
Spent Fuel Project Office  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 71-5979  
TAC No. L23783, L23784 and L23786

Enclosures: 1. CoC. No. 5979, Rev. 11  
2. Safety Evaluation Report  
3. Registered Users

cc w/encl: R. Boyle, Department of Transportation  
James M. Shuler, Department of Energy  
RAMCERTS  
Registered Users

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**ML050700035**

\* See Previous Concurrence

<b>OFC</b>	SFPO	E	SFPO	E	SFPO	E	SFPO			
<b>NAME</b>	JUmana		JBarto		MDeBose		JMonninger			
<b>DATE</b>	3/4/05		3/4/05		3/4/05		3/9/05			

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SAFETY EVALUATION REPORT  
Docket No. 71-5979  
Model No. 5979 Package  
Certificate of Compliance No. 5979  
Revision No. 11

## SUMMARY

By application dated October 26, 2004, as supplemented November 15, 2004, and January 27, 2005, Alpha-Omega Services, Inc., requested renewal and amendment to Certificate of Compliance No. 5979, for the Model No. 5979 package. Alpha-Omega Services, Inc., requested that the certificate be revised to reflect the updated drawings. Based on the statements and representations in the application, the staff agrees that the changes do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

## EVALUATION

By application dated October 26, 2004, Alpha-Omega Services, Inc., requested renewal and amendment of Certificate of Compliance No. 5979, for the Model No. 5979 package. Alpha-Omega requested minor modifications to the end caps of the package and to the container/transfer cask under the provisions of 10 CFR 71.19. No changes were requested to the authorized contents of the package. The staff reviewed the documents referenced in the certificate and determined that the documentation was available and complete. The staff also reviewed the updated operating and maintenance procedures for the package and found them to be adequate.

Condition No. 5(a)(3) of the certificate was changed to reflect the current versions of the drawings referenced in the certificate. Drawing No. 0090, Revision A, shows the modification to the end cap of the package. It consists of welding a ½" diameter by ½" height nut to the face of one end cap for each cask. Drawing No. 0091, Revision A, illustrates a minor modification to the container/transfer cask. The modification consists of welding three 5/8-11 nuts on the inside/backside of the pallet tie down.

Condition No. 9 was revised to reflect the latest date of the Maintenance and Inspection Program, and the Operating Procedures. Based on the statements and representations in the application, the staff concludes that the acceptance tests for the packaging meet the requirements of 10 CFR Part 71 and that the maintenance program is adequate to assure packaging performance during its service life.

Condition No. 10 of the certificate was revised to clarify that the package is approved for use under the general license provisions of 10 CFR 71.17. This change is due to a revision in the numbering of the sections in 10 CFR Part 71, that became effective on October 1, 2004 (69 FR 3698).

Condition No. 11. was changed to reflect the new expiration date. In accordance with 10 CFR 71.19(a)(3) Type B( ) packages are no longer authorized for use after October 1, 2008. This certificate is not renewable.

#### CONCLUSION

The certificate has been renewed for a term that expires on October 1, 2008. This change does not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 5979, Revision 11 on March 9, 2005.

REGISTERED USERS FOR COC NO. 5979

Mr. Bruce Hedger  
Alpha-Omega Services, Inc.  
9156 Rose Street  
P.O. Box 789  
Bellflower, CA 90706

Mr. Chuck W. Bassett  
General Electric Company  
Vallecitos Nuclear Center  
6705 Vallecitos Road  
Sunol, CA 94586

Mr. Marvin M. Turkanis  
Neutron Products, Inc.  
22301 Mt. Ephraim Road  
P.O. Box 68  
Dickerson, MD 20842

Ms. Kelley Richardt  
Source Production and Equipment Co., Inc.  
113 Teal Street  
St. Rose, LA 70087-9691