

November 6, 2000

Ms. Rita C. Bowser, President
and Chief Executive Officer
Pacific Sierra Nuclear Associates
3600 Glen Canyon Road
Scotts Valley, CA 95066

SUBJECT: AMENDMENT NO. 2 TO CERTIFICATE OF COMPLIANCE NO. 1007 FOR THE
VENTILATED STORAGE CASK (VSC-24) SYSTEM

Dear Ms. Bowser:

As requested by your application dated November 20, 1998, as supplemented, enclosed is Certificate of Compliance (CoC) No. 1007, Amendment 2, for the revised Pacific Sierra Nuclear Associates' VSC-24 system. This certificate supersedes, in its entirety, CoC No. 1007, Amendment 1, dated May 30, 2000. Changes made to the certificate are indicated by vertical lines in the right margin. As stated in the Federal Register (65 FR 38718, 06/22/00), the effective date of this certificate is September 5, 2000. The staff's Safety Evaluation Report is also enclosed. We request that you update and submit three copies of the final safety analysis report to conform to the certificate, as required by 10 CFR 72.248.

Amendment No. 2 to CoC No. 1007 constitutes U.S. Nuclear Regulatory Commission (NRC) approval of the following changes to the VSC-24 system:

1. Establish consistency throughout the Safety Analysis Report and incorporate changes identified in NRC letter dated July 22, 1998, "Closure of Confirmatory Action Letter (CAL) 97-7-001;"
2. Incorporate selected design upgrades and design calculation revisions resulting from the completed Corrective Action Reports (CARs);
3. Expand the explanation of the closure weld process and ultrasonic testing guidelines;
4. Clarify ASME requirements for non-destructive examination of temporary attachments and impact testing of welds, base material, and heat affected zones;
5. Address NRC Bulletin 96-04 and CARs on hydrogen generation by Carbo-Zinc coating exposed to boric acid solution; and
6. Correct thermal calculation errors in the annulus flow rate of the ventilated concrete cask.

This certificate constitutes the approval and conditions for use of the VSC-24 system for storage of spent nuclear fuel under the general license provisions of 10 CFR Part 72.210. A general license has been granted to all holders of licenses for nuclear power reactors issued under 10 CFR Part 50.

This letter also serves as a reminder for you to notify affected cask users of the effective date for this amendment. If you have any questions regarding this certificate amendment, please contact me or Mr. Stephen O'Connor of my staff at 301-415-8500.

Sincerely,
/S/ /RA/
E. William Brach, Director
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Docket No. 72-1007

TAC No. L22973

- Enclosures: 1. CoC No. 1007, Amendment No. 2
(ADAMS Accession #ML003764753 & #ML003764742)
2. Safety Evaluation Report
(ADAMS Accession #ML003764799)

This letter also serves as a reminder for you to notify affected cask users of the effective date for this amendment. If you have any questions regarding this certificate amendment, please contact me or Mr. Stephen O'Connor of my staff at 301-415-8500.

Sincerely,
/S/ /RA/
E. William Brach, Director
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Docket No. 72-1007
TAC No. L22973

- Enclosures: 1. CoC No. 1007, Amendment No. 2
(ADAMS Accession #ML003764753 & #ML003764742)
2. Safety Evaluation Report
(ADAMS Accession #ML003764799)

Distribution: w/o enclosures * (closes TAC L22973/Review 080S)

Docket	NRC File Center	PUBLIC	NMSS r/f*	SFPO r/f *
BJorgensen, R-III	RLandsman, R-III	BSpitzberg, R-IV	VEverett, R-IV	PBrochman*
ANorris *				

C:\coc forwarding ltr.wpd

(ADAMS Accession #ML003764762)

OFC	SFPO	E	SFPO	E	SFPO	C	SFPO	C	SFPO	C	SFPO	C
NAME	SO'Connor		VTharpe		SBaggett		WHodges		Mtokar fr SShankman		EWBrach	
DATE	11/01/00		11/02/00		11/03/00		11/03/00		11/06/00			

C = COVER

E = COVER & ENCLOSURE

N = NO COPY

OFFICIAL COPY