

STSB:NLO
71-9184

MAY 26 1994

VECTRA Technologies, Inc.
ATTN: Mr. G. Wes Caughman
One Harbison Way, Suite 209
Columbia, SC 29212-3408

Dear Mr. Caughman:

This refers to your application dated February 9, 1994, requesting renewal of Certificate of Compliance No. 9184, for the Model No. PAS-1 package. Since an application was submitted at least 30 days prior to the expiration of the Certificate of Compliance, the Certificate of Compliance will not be deemed to have expired until the application has finally been determined.

In connection with our review, we need the information identified in the enclosure to this letter.

This information should be provided within 45 days from the date of this letter. Additional information requested by this letter should be submitted in the form of revised pages. If you have any questions regarding this matter, we would be pleased to meet with you and your staff. Nancy Osgood is the project manager for our review of your application. Ms. Osgood may be contacted at (301) 415-7879.

Sincerely, Original Signed by
Cass R. Chappell

Cass R. Chappell, Section Leader
Cask Certification Section
Storage and Transport Systems Branch
Division of Industrial and
Medical Nuclear Safety, NMSS

Enclosure: As stated

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OPERATING PROCEDURES

1. Revise the Operating Procedures to specify that the package is loaded and closed in accordance with written procedures.
2. Revise Section 7.1 of the application to include verification that the package is proper for the contents and that the package is in unimpaired physical condition.
3. It appears that several steps were inadvertently omitted from the Operating Procedures (see numbering of steps 7.1.1 through 7.1.3). Revise the Operating Procedures to include the following: proper closure of the primary containment vessel (including bolt torque), leak testing of the primary containment vessel, loading and proper closure of the secondary containment vessel.
4. Revise the Operating Procedures to include the application of a tamper-indicating device and the labels required by DOT regulations.
5. Revise Sections 7.4.2.2.3 and 7.4.2.2.4 to clarify the term "sample shield." Note that the terminology should be consistent with the packaging drawings.

ACCEPTANCE TESTS AND MAINTENANCE PROGRAM

1. Revise Section 8.1 of the application to include the following tests or determinations prior to first use of each packaging:
 - a. Verification that the packaging is free of cracks, pinholes, or defects which would reduce the effectiveness of the package.
 - b. Verification that the packaging is marked in accordance with 10 CFR §71.85(c).
 - c. Verification that the packaging was fabricated in accordance with the drawings referenced in the Certificate of Compliance.
2. Revise Section 8.2 of the application to specify any tests or inspections which are performed to ensure that the foam has not retained moisture, has not deteriorated, and remains properly sealed.