

71-9001



VECTRA

April 27, 1995  
CJT-95-013

Docket No. 71-9001

United States Nuclear Regulatory Commission  
Office of Nuclear Materials Safety and Safeguards  
Division of Industrial and Medical Nuclear Safety  
Washington, D.C. 20555

**ATTENTION:** C. R. Chappell, Section Leader  
Cask Certification Section  
Storage and Transportation Systems Branch

**SUBJECT:** IF-300 Shipping Cask  
Certificate of Compliance No. 9001  
Application for Renewal

**ENCLOSURE:** Consolidated Volumes 1 and 2 for  
IF-300 Shipping Cask Consolidated Safety  
Analysis Report (CSAR) NEDO-10084-4  
(March 1995) (6 copies)

**REFERENCE:** VECTRA Letter No. CJT-950-013, Subject: IF-300  
Shipping Cask Certificate of Compliance No. 9001  
Application Renewal, dated March 30, 1995

Dear Mr. Chappell:

Enclosed are consolidated Volumes 1 and 2 of IF-300 Shipping Cask Consolidated Safety Analysis Report (CSAR) NEDO-10084-4 dated March 1995. Consolidated Volume 3 of this CSAR was sent as an enclosure to the Reference letter in late March 1995 along with updated Volume 1 and 2 pages and instructions for the insertion of these updated pages into NEDO-10084-3 dated September 1984. Enclosed Volumes 1 and 2 eliminate the need to insert pages into NEDO-10084-3 to update it to NEDO-10084-4.

Text revised by VECTRA in CSAR Volume 1 is indicated by a vertical line in the left-hand margin and all pages containing these revisions have headers reading "NEDO-10084-4 / March 1995". All unrevised CSAR Volume 1 pages have headers reading "NEDO-10084-3" with either September 1984 or February, April, or May 1985 revision dates. NEDO-10084-3 Volume 1 and 2 text revised by the original IF-300 primary License holder (General Electric Company) is indicated by a vertical line in the right-hand margin with an "E" or an "N" to indicate an Editorial or New change, respectively.

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PDR ADDCK 07109001  
PDR

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Change: NED 1 2  
Ur. Encl. LA 4 0  
Region 1 0



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To assist in our request for renewal of the Subject Certificate of Compliance, we have provided the following attachments to this letter:

Attachment A - Requested modifications and revisions to the existing certificate. These modifications and revisions are related to the deletion of Shoreham-specific fuel details and all supplements referenced by the existing certificate.

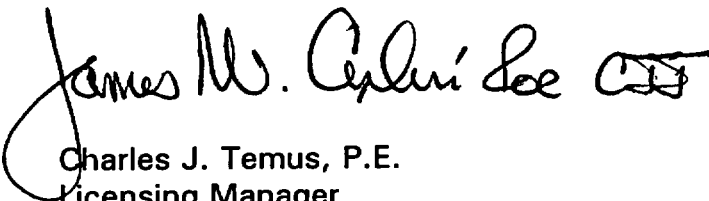
Attachment B - The disposition of all supplements to the existing certificate.

Enclosed Volumes 1 and 2 in combination with Volume 3 sent as an enclosure to the Reference letter present the total of CSAR NEDO-10084-4.

Written communications and questions should be directed to the undersigned.

Respectfully submitted,

VECTRA Technologies, Inc.



Charles J. Temus, P.E.  
Licensing Manager  
Transportation Products

Attachments:      A) Requested Modifications and Revisions to Existing Certificate of Compliance No. 9001, Revision No. 29

                         B) Disposition of Certificate of Compliance No. 9001, Revision No. 29 Referenced Supplements

cc: R. K. Kunita - CP&L (w/ Atts. & 1 Encl.)  
D. C. Poteralski - CP&L (w/o Atts. or Encl.)  
R. Heatherington - CP&L (w/o Atts. or Encl.)  
T. E. Tehan - VECTRA/Morris (w/ Atts. & 2 Encls.)  
K. A. Hoedeman - VECTRA/San Jose (w/ Atts. & 1 Encl.)  
C. H. Froehlich - VECTRA/San Jose (w/ Atts. & 1 Encl.)  
File: 0132-00163.000



## Attachment A

**REQUESTED MODIFICATIONS AND REVISIONS TO EXISTING  
CERTIFICATE OF COMPLIANCE NO. 9001, REVISION NO. 29**

(Crossed-out text [~~text~~] to be deleted and  
italicized text [*text*] to be added.)

1. Page 2, Paragraph 5.(a)(2): Revise as follows:

"The cask has ~~four~~ *three* types of fuel baskets which can be interchanged to accommodate various fuels. The PWR basket holds seven assemblies, the unchannelled BWR basket holds eighteen assemblies, *and* the channelled BWR basket holds seventeen assemblies, ~~and the Shoreham BWR fuel basket holds seventeen Shoreham BWR fuel assemblies. The channelled and unchannelled BWR fuel baskets may be provided with supplementary shielding (depleted uranium) near the cask closure.~~"

2. Page 2, Paragraph 5.(a)(3): Revise as follows:

"... 420-11-3006, Sheet 1, Rev. 0; ~~2045-3000, Sheets 1 to 4, Rev. 1; 2045-3001, Sheets 1 and 2, Rev. 1; 2045-3002, Sheet 1, Rev. 1; and 2045-3003, Sheet 1, Rev. 0.~~"

3. Page 4, Paragraph 5.(b)(1)(ii): Delete this paragraph completely.

4. Page 5, Paragraph 5.(b)(1)(iii): Renumber this paragraph 5.(b)(1)(ii).

5. Page 5, Paragraph 5.(b)(2)(ii): Revise as follows:

"Seven PWR fuel assemblies, seventeen channelled BWR assemblies, *or* eighteen unchannelled BWR fuel assemblies, ~~or seventeen Shoreham BWR fuel assemblies.~~"

6. Page 5, Paragraph 5.(b)(2)(iii): Revise as follows:

"Above fuel assemblies to be contained in their respective fuel baskets as shown in GE Drawing No. 159C5238 - Sheet 6, Rev. 8, *or* PNSI Drawing No. 420-111-3000, Sheet 1 through 9, Rev. 0, ~~or PNSI Drawing No. 2045-3002, Sheet 1, Rev. 1.~~"



7. Page 6, Paragraph 20: Delete this paragraph completely.
8. Page 6, Paragraphs 21 and 22: Renumber as paragraphs 20 and 21, respectively, and revise expiration date in new Paragraph 21.
9. Page 7, **REFERENCES**: Revise as follows:

~~"General Electric Uranium Corporation consolidated application dated September 24, 1984.~~

~~General Electric supplements dated: February 8, April 4, and May 10, 1985, and March 12, 1990.~~

~~Pacific Nuclear Systems, Inc. supplements dated: July 26, 1990; March 28, April 12, July 19, and August 30, 1991; January 3, 1992; and February 25, April 9, July 29, and August 10, 1993.~~

~~VECTRA Technologies, Inc. supplement dated: April 25, 1994.~~

*VECTRA Technologies, Inc. consolidated application dated March 30, 1995."*



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Attachment B

**DISPOSITION OF CERTIFICATE OF COMPLIANCE NO. 9001,**  
**REVISION NO. 29 REFERENCED SUPPLEMENTS**

1. General Electric supplements dated:
  - a. February 8, 1985: Incorporated into NEDO-10084-3.
  - b. April 4, 1985: Incorporated into NEDO-10084-3.
  - c. May 10, 1985: Incorporated into NEDO-10084-3.
  - d. March 12, 1990: 1990 license renewal request.
  
2. Pacific Nuclear Systems, Inc. supplements dated:
  - a. July 26, 1990: See August 30, 1991.
  - b. March 28, 1991: See August 30, 1991.
  - c. April 12, 1991: See August 30, 1991.
  - d. July 19, 1991: Incorporated as Appendix C in NEDO-10084-4 (Outer Plastic Wrap).
  - e. August 30, 1991: Incorporated as Appendix A in NEDO-10084-4 (Channelled BWR Fuel Basket).
  - f. January 3, 1992: Deleted (Shoreham basket).
  - g. Feb. 25, 1993: Deleted (Shoreham basket).
  - h. April 9, 1993: Deleted (Shoreham basket).
  - i. July 29, 1993: Deleted (Shoreham basket and tarpaulin).
  - j. August 10, 1993: Deleted (Shoreham tarpaulin).
  
3. VECTRA Technologies, Inc. supplement dated:
  - a. April 25, 1994: Incorporated as Appendix B in NEDO-10084-4 (High Burnup PWR Fuel).