



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

Ref: SA/KNS

OCT 17 1985

MEMORANDUM FOR: Leo B. Higginbotham, Chief  
Low-Level Waste Licensing Branch  
Division of Waste Management, NMSS

John Greeves, Chief  
Engineering Branch  
Division of Waste Management, NMSS

FROM: Donald A. Nussbaumer  
Assistant Director for  
State Agreements Program  
Office of State Programs

SUBJECT: STATE OF WASHINGTON'S INTERIM APPROVAL OF NUPAC'S HIC

Enclosed is a October 3, 1985 letter to Richard Haelsig from the State of Washington authorizing additional containers under specified conditions.

*Donald A. Nussbaumer*  
Donald A. Nussbaumer  
Assistant Director for  
State Agreements Program  
Office of State Programs

Enclosure:  
As stated

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PDR WASTE  
WM-85 PDR

WM Record File

WM Project 85

Docket No. \_\_\_\_\_

PDR ☒

LPDR \_\_\_\_\_

Distribution:

*LBH T. Johnson*  
*M. Tokar*

(Return to WM, 623-SS)

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WM DOCKET CONTROL  
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*Schneider*

STATE OF WASHINGTON

DEPARTMENT OF SOCIAL AND HEALTH SERVICES

Olympia, Washington 98504

October 3, 1985

Richard P. Haelsig, President  
Nuclear Packaging, Incorporated  
1010 South 336th Street  
Federal Way, Washington 98003

Dear Mr. Haelsig:

In response to Mr. Snedeker's letter of September 6, 1985, the interim approval of certain enviralloy high integrity containers is extended to December 31, 1985. This continuation of interim approval status is conditioned as follows:

1. This interim approval is limited to a period beginning October 1 and ending December 31, 1985, unless restriction 4, below, is applied.
2. The gross weight of any EA-50 container may not exceed 4,200 pounds. The gross weight of any EA-142 container may not exceed 10,000 pounds. The gross weight of any EA-190 container may not exceed 20,000 pounds. The gross weight of any EA-210 container may not exceed 20,000 pounds.
3. Testing and certification by the generator must clearly indicate that the limitations stated on Pages 5-53 through 5-55 of the Topical Report (Nu-Pac Enviralloy HIC, Revision 0, 6/84) have been met.
4. There will be an immediate recall and modification of containers in inventory which do not contain radioactivity when and if a design enhancement is required as a result of the topical report evaluation, now in progress.
5. Each waste generator to be provided an Enviralloy container must be identified and approved in advance by the department. No new Enviralloy customers of Nu-Pac will be approved by the department during this interim period. Approved utility customers are: Portland General Electric - Trojan Plant, San Onofre Generating Station, WPPSS, Three Mile Island Unit Two, Northern States Power - Monticello Plant, Arkansas Power - Unit One, Boston Edison Company - Pilgrim Plant, Iowa Electric - Duane Arnold Plant, Arizona Public Service - Palo Verde Unit-1, and Northeast Utilities - Millstone Plants. Nonutility customers include: Chemsyn Science Lab, and 3M Corporation.

Richard P. Haelsig, President  
Nuclear Packaging, Incorporated  
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6. Class A, B, and C wastes are approved for disposal in the Enviralloy container; however, the limit for Class C waste shall be reduced to 25 percent of the allowable Class C limits for each container as specified in Appendix E of US Ecology's license #WN-I019-2.
7. All Enviralloy containers received by US Ecology at the low-level waste disposal site on the Hanford reservation must be buried in accordance with the conditions for Class C wastes. For these requirements, please refer to the radioactive materials license issued by the department to US Ecology, Inc.
8. A copy of this letter must accompany each shipment of waste made pursuant to this letter of authorization.

This interim approval is further restricted to the following number of containers for each of these Nu-Pac customers:

<u>CUSTOMER</u>	<u>NUMBER</u>	<u>Model (Series "A" Unless Otherwise Specified)</u>
<u>Utility Waste Generators</u>		
Portland General Electric - Trojan Plant	2	EA-50
San Onofre Nuclear Generating Station	3	EA-50
	1	EA-142
	1	EA-190
	1	EA-210
WPPSS	3	EA-190
Three Mile Island - Unit Two	15	EA-50
	2	EA-142
	3	EA-190 Series "C"
Northern States Power - Monticello	1	EA-190
Arkansas Power - Unit One	20	EA-50
	2	EA-142
	4	EA-190
Boston Edison Company - Pilgrim	5	EA-210
Iowa Electric - Duane Arnold	5	EA-190
Arizona Public Service - Palo Verde Unit-1	3	EA-50
	1	EA-142
Northeast Utilities - Millstone Plants	3	EA-142
	6	EA-190

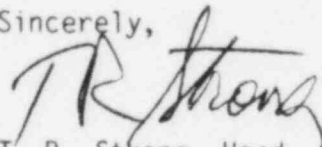
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<u>CUSTOMER</u>	<u>NUMBER</u>	<u>Model (Series "A" Unless Otherwise Specified)</u>
<u>Nonutility Waste Generators</u>		
Chemsyn Science Lab	2	EA-190 (Lead Gasket)
3M Corporation	3	EA-190 Series "C"

This interim approval is based on compliance with the restrictions noted above and terminates at midnight, December 31, 1985, or sooner if restriction 4, above, is applied. If during this interim approval period a certificate of compliance is issued for one or more model EA packages, the conditions of the certificate of compliance shall take precedence over this interim approval. The use of Enviroalloy family packages by nonutility customers cannot be fully approved until the department specifically reviews the chemical form of the waste proposed to be disposed and the suitability of the Enviroalloy family to contain such waste.

If you have questions about these conditions, please feel free to contact me directly at (206) 753-3463.

Sincerely,



T. R. Strong, Head  
Radiation Control Section

TRS:sm

cc: Donald Nussbaumer - Office of Agreement States Programs  
Sid Wright - US Ecology, Inc.  
Gerald Thomas - DSHS  
Steve Carpenter - US Ecology, Inc., Richland Facility  
Bob Bidstrup - DSHS, Richland Facility