

FEB 6 1986

426.1 (A4171) 2/5/86

- 1 -

Dr. Charles G. Interrante
Program Manager
Corrosion Group - Metallurgy Division
United States Department of Commerce
National Bureau of Standards
Gaithersburg, MD 20899

Dr. Interrante:

This is to request general technical assistance under Task 4 of FIN A-4171, "Evaluation and Compilation of DOE Waste Package Test Data." The general technical assistance consists of reviewing a topical report that purports to demonstrate that a process vessel (the Submerged Demineralizer System vessel) meets the requirements of a high integrity container (HIC) for burial at the Hanford commercial low-level radioactive waste burial site. The report is entitled, "SDS Liner Qualification as a High Integrity Container - Hanford Burial," and it was prepared by Nuclear Packaging, Inc. and issued November 20, 1984. A copy is enclosed.

Please assess the data presented in the topical report against specific criteria contained in item 4, paragraph (b) and (c) in the Technical Position on Waste Form for 10 CFR Part 61 (copy enclosed). If you feel that any confirmatory testing of the container materials is required, please propose such tests to us.

In the event that additional information is required about the HIC, please submit a request for the desired information to NRC for transmittal to the vendor that requested the review.

Please submit by March 7, 1986, your written assessment as to whether this topical report demonstrates that the vessel described meets the requirements of a HIC for burial at the Hanford commercial low-level radioactive waste burial site.

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PDR WMRES EUSNBS
A-4171 PDR

WM-RES
WM Record File
A4171
NBS

WM Project 10, 11, 16
Docket No. _____
PDR ✓
LPDR ✓ (B, N, S)

Distribution:

(Return to WM, 623-SS)

(*See previous concurrences)

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Actions resulting from this letter are considered to be within the scope of FIN A-4171-6. No changes to cost or delivery of contracted products are authorized. Please notify me immediately if you feel this letter will result in additional costs or delay in delivery of contracted products.

Sincerely,

ORIGINAL SIGNED BY

Everett A. Wick
Engineering Branch
Division of Waste Management

Enclosures:
As stated

Distribution:
WM FILE: 426.1
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JStarmer
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NAME	:EAWick:gh	:JVoglewede	:TCJohnson	:	:	:	:
DATE	:02/06/86	:02/06/86	:02/06/86	:	:	:	: