



Department of Energy
 Oak Ridge Operations
 P.O. Box E
 Oak Ridge, Tennessee 37830

November 19, 1979



U. S. Nuclear Regulatory Commission
 ATTN: Mr. Charles E. MacDonald, Chief
 Transportation Certification Branch
 Division of Fuel Cycle & Material Safety
 Washington, D. C. 20553

Gentlemen:

SUPPLEMENT TO DOE MATERIALS AND EQUIPMENT SPECIFICATION SP-9 - REVISION 1

The subject DOE Specification is essentially a recipe using starting materials with various trade names and grades. From time-to-time, these trade names and grades are withdrawn from the market by industry. The replacement materials, while being equivalent to the replaced materials, appear under different trade names and grades.

Earlier DOE-ORO requested that its prime contractor, Union Carbide Corporation - Nuclear Division, Oak Ridge Gaseous Diffusion Plant test some substitute materials to determine their equivalency. Report K/TL-729 summarizes the results of the testing. DOE-ORO has reviewed and approved the report.

Report K/TL-729 is now a supplement to the Specification SP-9, Revision 1. It is also included in CAPE-1662, since the phenolic foam is used in the DOT Specification 20PF and 21PF Packages for UF₆. The phenolic foam insulation was used in the ORNL Unirradiated Fuel Shipping Container - Certificate of Compliance USA/9853/BF (DOE-OR).

It is requested that the phenolic foam using the starting materials outlined in the enclosed report (12 copies) be also approved for Model FL-10-1 Packages, Certificate of Compliance USA/9009/B ()F.

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 Credit P... 71-9009

U. S. Nuclear Regulatory
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Your early review is requested.

Sincerely,

William H. Travis

William H. Travis, Director
Safety & Environmental Control Division

MS-334:WAP

Enclosure:
Report K/TL-729 (12 copies)

cc w/encl:
T. H. Hardin, AD-46
D. M. Ross, G-135, HQ-GTN

cc w/o encl:
C. A. Keller, MS-30

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