

BUCKET NO. 70-139

For Div of Compliance

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September 13, 1960

United States Atomic Energy Commission
Division of Licensing and Regulation
Mr. J.C. Delaney

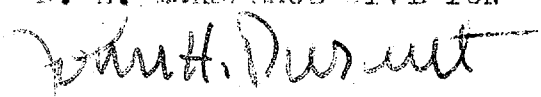
Air Force Nuclear Engineering Test Facility fuel elements will be packaged for shipment to the Wright Air Development Center in Dayton, Ohio. It is our intention to pack six elements per container, each element having a loading of 124 grams of U-235. The maximum loading per container would therefore be 744 grams of U-235. Standard Interstate Commerce Commission procedures will be employed with respect to labeling and monitoring the surface of each container. These will include the use of a Group III Radioactive Material label, a Class D Poison label, and sufficient monitoring to assure that a surface gamma reading of 10 mr per 24 hours is not exceeded. In addition, a Bureau of Explosives Permit will be obtained.

We request approval of this container design to allow the packing and shipment of Air Force Nuclear Engineering Test Facility elements subject to the above conditions. It is also requested that this design be granted approval as a universal container for similar type elements with adjustments in the inner details to allow for differences in size and shape of possible future shipments. The maximum loadings to be used in any shipment would be 200 grams U-235 per element and 1200 grams U-235 per container.

We would appreciate your prompt attention to this matter since shipment of these elements will be made shortly. Further information will be supplied upon request if necessary.

Very truly yours,

D. E. MAKEPEACE DIVISION



J.H. Durant
Business Manager

JHD/jet

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