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Aerospace
Vitro W. Or. 460

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October 1, 1980

In reply refer to 80ESG-9492

Dr. Ray Cooperstein
U. S. Department of Energy
Mail Stop E-201
Washington, DC 20545

Dear Dr. Cooperstein:

Subject: Special Nuclear Material Transactions
With Vitro Chemical Company

This will summarize the information I gave you in our recent telephone conversation regarding shipments of special nuclear material between Rockwell International and Vitro Chemical Company. As I indicated, during these activities we were known as the Atomics International Division of North American Aviation, Inc.

In September 1962 we shipped 409 kilograms of uranium enriched to 3.68% U-235 in the form of uranium dioxide. This material was converted to uranium carbide by Vitro and returned to us in November 1962 and July 1963. Four-hundred-one kilograms of uranium in the form of UC were returned to us and we have no information on the disposition of the eight kilogram difference which occurred during the conversion.

In early 1964 we received from Vitro 4,099 kilograms of uranium enriched to 4.91% U-235 in the form of UC. Later in 1964 and January 1965, we received an additional 5,186 kilograms of uranium also enriched to 4.91% U-235 and in the form of UC. We have no information on the origin of this material or what was involved in the preparation of the UC.

I trust you will find the above helpful in your evaluation.

Sincerely yours,

M. E. Remley, Director
Health, Safety & Radiation Services

44-38861-1000

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