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NUCLEAR ENGINEERING COMPANY INC.

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2600 NORTH MAIN STREET
WALNUT CREEK, CALIFORNIA
YELLOWSTONE 5-6150

January 22, 1958

VIA AIR MAIL

Mr. Cecil R. Buchanan
Assistant Chief, Isotopes Extension
Division of Licensing and Regulation
United States Atomic Energy Commission
P. O. Box E
Oakridge, Tennessee

Dear Mr. Buchanan:

Our disposal license was issued to us on March 31, 1957. Our actual operations began on 1 May. To date we have not made any trips to sea to dispose of radioactive materials. We have on hand 5,201 millicuries primarily of mixed fission products. We also have a small number of drums containing short-lived isotopes, such as P³², S³⁵, Cr⁵¹, Fe⁵⁹. We also have stored 38.25 grams of special nuclear material, primarily U²³⁵.

This material is stored in 165 55 gallon steel drums. These drums are in storage at our storage facility at Cowell, California.

We estimate that we will dispose of not more than 2,000 curies in the Pacific disposal ground and 6,000 curies in the Atlantic disposal sites. We will be requesting a new license for disposal in the Atlantic probably for three separate disposal locations.

Our first trip to sea will probably be made towards the middle of this year.

If we can be of any further assistance to you, please write to us.

Sincerely yours,

J. E. Law, Jr.,
President

JEL/lmc

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