



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

OCT 20 1980

Mr. Roy Johnson
185 W. Washington Street
West Chicago, Il 60185

Gentlemen:

This refers to the results of the bioassay measurements made by Argonne National Laboratory at our request of your internal burden of radioactive material. A copy of the report from Argonne National Laboratory is attached. In order to preserve the privacy of individuals, names and the results for other individuals have been deleted.

Results are presented for radium-226 (226 Ra) and thorium-232 daughters (224 Ra). Argonne National Laboratory concludes that you do not contain elevated levels of radium-226. Of the two separate measurements made by Argonne National Laboratory for thorium-232 daughters, the more sensitive breath measurements show, if you contain any material at all, it is within the range of background for residents of West Chicago who never worked at the Lindsay plant. The less sensitive whole body data is uncertain and indicate you may or may not contain a quantity of thorium-232 higher than the average resident of West Chicago.

If you have any questions, Dr. C. J. Paperiello of our office (932-2611) will be glad to discuss them with you.

Sincerely,

James G. Keppler
James G. Keppler
Director

Enclosure: As stated

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