

DOCKET NO. 40-2051  
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CORPORATION of AMERICA

SUITE 245

777 14TH STREET, N. W. WASHINGTON 5, D. C.

METROPOLITAN 8-2330

August 29, 1960

U. S. Atomic Energy Commission  
Washington 25, D. C.

Gentlemen:

Attention: Mr. J. C. Delaney, Chief  
Nuclear Materials Section  
Licensing Branch  
Division of Licensing  
and Regulation

Reference is made to a letter which we addressed to you on August 16, 1960 with respect to a proposed exemption from the requirements of 10 CFR Part 20 in connection with the discharge of radioactive materials and liquid effluents from the uranium mill of Vibro Chemical Company at Salt Lake City, Utah.

On page 3 of our letter of August 16 we included a tabulation of radium-thorium analyses of our plant effluent and local surface streams during April and May of 1960.

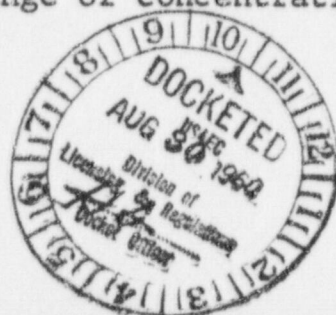
We have received the following analytical report of the series of solution samples collected during June and July of 1960. The concentrations of radioactivity were measured as follows:

Concentrations

<u>Location</u>	<u>Ra226 in uc X 10<sup>-9</sup>/ml</u>	<u>Th in uc X 10<sup>-8</sup>/ml</u>
Jordan River - 48th South	9	4
Jordan River - 21st South	5	1
Sewer Creek	23	70
Plant Effluent	380	1300

It is interesting to note that the upstream concentration (Jordan River-48th South) is higher than the downstream concentration (Jordan River-21st South). Perhaps at the low range of concentrations, both may be considered as essentially the same.

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The foregoing supplementary information is forwarded in the hope that the additional data will be of assistance to the Commission in its consideration of our request for an exemption from the requirements of 10 CFR Part 20.

Sincerely,

VITRO CORPORATION OF AMERICA

*Edward G. Littel*

Edward G. Littel  
Assistant to the President

EGL:jtk