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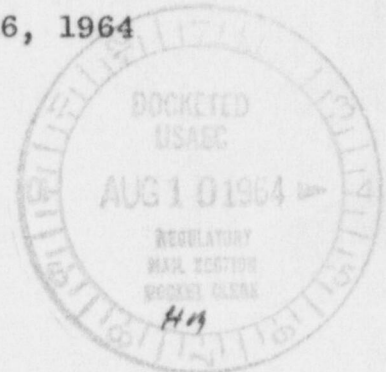
VANADIUM CORPORATION OF AMERICA

PAGE EDWARDS, GENERAL MANAGER
WESTERN MINES

SHIPROCK, NEW MEXICO

August 6, 1964

Mr. Donald A. Nussbaumer
Source and Special Nuclear Materials Branch
Division of Licensing and Regulation
U. S. Atomic Energy Commission
Washington, D. C.



Dear Mr. Nussbaumer:

This is in respect to our Source Material License No. SUA-547.

Mr. Donald Harmon's telephone conversation of July 29, 1964, with our consultant, Mr. James Gilliland, indicated that certain additional information is desired by your office.

In reference to Item 12 (c) of our July 17 correspondence, we will include two (2) additional sampling locations to our restricted area airborne survey program as follows:

3. Primary crusher area.
4. Ore-tailings blending area.

These locations may be ascertained by reference to Drawing MV-1.

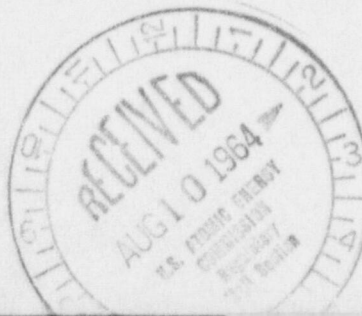
In reference to Item 13 (b) of our July 17 correspondence, a further description of the tailings dike is as follows:

"Coarse tailings sands will be used to increase the height of the initial soil and blow sand embankment. The downstream face of the embankment extension will have a slope of approximately 2:1 (the natural slope of the sands). A solids freeboard of approximately one (1) foot will be maintained at the point of junction of the initial and extended embankments. The initial roadway will not be covered with the coarse sands used for embankment extension. This will mean that the downstream face of the embankment will have a total slope ratio of greater than 2:1."

We hope that this information meets with your approval.

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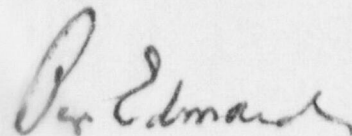
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We would also appreciate your written confirmation of denial to our request that all operations preceding the precipitation processing step be deleted from the license requirements on the basis that the uranium content of the material being processed up to this point will average 0.02% U3O8 contained which is less than $\frac{1}{2}$ of 0.05% U3O8 contained.

Very truly yours,



PE:lm