



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

IN REPLY REFER TO

RD:CA:COM

REL 1 0 1959

Mr. J. Little
The Marshall Chemical Company
1945 East 97th Street
Cleveland 16, Ohio

Dear Mr. Little:

As you know, the Commission has limited the form in which it supplies depleted uranium to the commercial market to UF_6 . Storage in that form is more costly to AEC than if we stored it as UF_4 . However, before converting our entire stockpile to UF_4 we would like to have your reaction to such a move and, if possible, answers to the following specific questions by August 10, 1959:

1. What quantity of depleted uranium do you expect to obtain from AEC during each of the next five calendar years to fulfill private requirements? (List by desired weight fraction of U-235 in uranium.)
2. In what chemical form or forms do you prefer that we sell depleted uranium? If in several forms, how many kilograms do you expect to order of each form?
3. What are the principal advantages of obtaining the depleted uranium in the forms you selected?
4. What are the principal disadvantages, if any, to you or your customers if we stockpiled and sold depleted uranium only as UF_6 ?
5. We may want to stockpile and sell a nominal 15,000 ± 1,000 weight fraction U-235 depleted uranium in the form of UF_4 but continue to provide material with a higher fraction of U-235 in the form of UF_6 . What advantages and disadvantages are there to you resulting from such an action? Which would you buy to satisfy the market you foresee?

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Mr. J. Little

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6. As you know we charge \$5.00/kg for this level of depleted uranium as UF_6 . On this basis, what price would you consider reasonable as a price for this material as UF_4 ?

Your cooperation in supplying the foregoing information by August 10 will be appreciated.

Sincerely yours,

28 Vander Weyden for

Frank K. Pittman, Director
Division of Reactor Development

