

**MALLINCKRODT
NUCLEAR
CORPORATION**

SAINT LOUIS 7, MISSOURI • U.S.A. • CENTRAL 1-8980

PLANT
HEMATITE, MISSOURI

January 25, 1960

70-36
File by.

1/26/60 -> Yellow 7-2576

*Lucille Springs
to file 3-9-60
Sta 515*

Mr. Lyall Johnson
Chief, Licensing Branch
Division of Licensing & Regulation
U. S. Atomic Energy Commission
Washington 25, D. C.

Dear Mr. Johnson:

Re: Special Nuclear Material License SNM-33

We wish to request an increase in our first quarter allocation for $93.15 + 0.15\%$ U²³⁵ from the 100 kilograms of uranium as UF₆ (which has been allocated) to 200 kilograms, or an increase of 100 kilograms of uranium as UF₆.

We also wish to request an allocation of 500 kilograms of uranium as UF₆ enriched to $93.15 + 0.15\%$ U²³⁵ for the second quarter of this year.

This material is needed to fill our first and second quarter requirements at our licensed Hematite, Missouri, facility. The material will be withdrawn from the AEC as required to maintain a supply at our Hematite Plant.

The material will be used primarily in supplying uranium dioxide 93% enriched to The Babcock & Wilcox Company for the Commonwealth Edison Reactor, whose purchase order is 9-49330. In addition, miscellaneous small orders will be filled against these allocations, and, we shall, of course, ascertain in advance that the persons receiving the material are properly licensed and entitled to receive highly enriched uranium compounds.

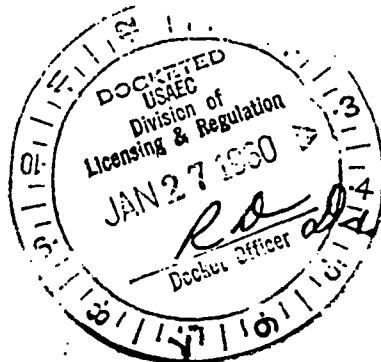
*cont. quantity
for Babcock*

Consolidated?

Very truly yours,

MALLINCKRODT NUCLEAR CORPORATION

E. D. North
E. D. North, Manager
Hematite Plant



EDN/jf

J-2



THE WORLD'S FIRST AND LEADING PRODUCER OF NUCLEAR FUELS

Cy. to Lu. Doc. Rem. 1-27-60. (RA)