

MALLINCKRODT CHEMICAL WORKS

MANUFACTURERS OF
FINE CHEMICALS FOR MEDICINAL, PHOTOGRAPHIC
ANALYTICAL AND INDUSTRIAL PURPOSES

FACTORIES: ST. LOUIS, JERSEY CITY, MONTREAL
SALES OFFICES: ST. LOUIS, NEW YORK, CHICAGO, CINCINNATI, CLEVELAND
LOS ANGELES, PHILADELPHIA, SAN FRANCISCO, MONTREAL, TORONTO

CABLE ADDRESSES
MALLINCKRODT, ST. LOUIS
DESABRIDG, NEW YORK
CODES
A B C FIFTH IMP
A B C SIXTH ED
BENTLEY'S COMPLETE PHRASE
BENTLEY'S SECOND PHRASE

SECOND AND MALLINCKRODT STS. ST. LOUIS 7, MO.

May 15, 1956

Mallinckrodt
FINE CHEMICALS
Standard Since 1867

9:5

APPLICATION NO. 36

EX-100

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

Dear Mr. Johnson:

Enclosed are three executed copies of an application for a license to handle special nuclear material.

You will note that an Appendix I, marked "Company Confidential," has been attached to the main body of the application. We request that this Appendix be not disclosed to the public or to AEC employees whose duties do not require them to have access to the information contained therein, for the following reasons:

- (1) that the detailed procedures and techniques set forth in the Appendix are the result of Mallinckrodt research and development programs in the course of which its own employees, facilities and financing were exclusively utilized,
- (2) that these procedures and techniques are in the nature of "trade secrets" which should be protected against disclosure to competitors and other third persons, and
- (3) that these procedures and techniques are included only for the purpose of providing the AEC with a fuller explanation of the process to be used than is necessary under the applicable regulations and might, therefore, be considered as not a required part of the application.

For your further information, the process proposed to be used in the production of enriched UO_2 in the new plant at Hematite, Missouri, is presently being utilized in our pilot plant for the production of normal UO_2 . The present operation is identical in process, hatch size and equipment to that planned for the new plant. By the time operations are ready to begin at the new plant, we will have produced more than 2,500 lbs. of UO_2 from normal UF_6 . In producing this quantity of normal UO_2 , we will have trained a nucleus of personnel for the new plant and obtained valuable operating data which should eliminate many of the difficulties otherwise present in starting the new plant.

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 6

FOIA 96-343

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PDR FOIA
FLOYD96-343 PDR

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MALLINCKRODT CHEMICAL WORKS

ST. LOUIS.

Mr. Lyall Johnson

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May 15, 1956

We would appreciate your prompt consideration of the enclosed application because of the rather tight schedule involved in the Westinghouse production. If any additional data are required, we will be pleased to furnish the same on short notice in order to expedite issuance of the license.

Very truly yours,

Frederick M. Belmore

Frederick M. Belmore
Special Asst. to the President

FMB/VHK
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Enclosure (3)