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BENTLEY'S COMPLETE PHRASE
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JUNE 7, 1960

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

Mallinckrodt
FINE CHEMICALS
Standard Since 1867

MR. LYALL JOHNSON
DIVISION OF LICENSING AND REGULATION
UNITED STATES ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

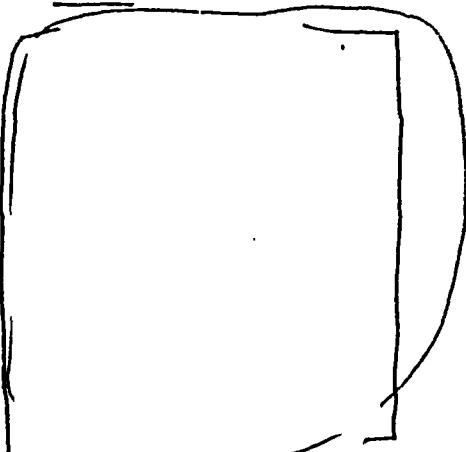
DEAR MR. JOHNSON:

AS THE RESULT OF AN OVERSIGHT, WE FIND THAT WE HAVE
FAILED TO REPORT THE EXPOSURES OF SEVEN EUXENITE PLANT EM-
PLOYEES TO AIRBORNE RADIOACTIVE MATERIAL CONCENTRATIONS IN
EXCESS OF 5×10^{-11} MICROCURIES PER MILLILITER AS SPECIFIED
IN CFR PART 20 DURING THE PERIOD OF FEBRUARY 15 TO FEBRUARY
21, 1960. THE PERSONNEL INVOLVED, THE AVERAGE EXPOSURE CON-
CENTRATIONS DURING THE WEEK IN QUESTION AND THE FOLLOWING
THREE WEEKS, AS WELL AS THE AVERAGE WEEKLY EXPOSURE CONCEN-
TRATION EXPERIENCED DURING THE FIRST TWENTY WEEKS OF 1960,
FOLLOW:

1960

INTEGRATED AIRBORNE CONCENTRATIONS

(MICROCURIES PER MILLILITER $\times 10^{-11}$)

NAME	2/15 TO 2/21	2/22 TO 2/28	2/29 TO 3/6	3/7 TO 3/13	1/1 TO 5/22
	6.7	3.3	3.3	3.2	2.8
	6.1	2.5	3.3	4.0	3.0
	11.9	2.5	2.6	3.8	2.5
	8.2	2.6	2.4	2.8	2.4
	7.1	3.2	3.7	3.7	2.9
	7.7	1.2	2.3	2.0	2.5
	9.8	2.6	2.3	3.6	2.7

(OVER)

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MR. LYALL JOHNSON

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JUNE 7, 1960

THE OPERATIONS WHICH RESULTED IN THE EXPOSURES REPORTED ABOVE WERE CHANGES FROM PREVIOUS STANDARD PROCEDURES; SPECIFICALLY, THE INTRODUCTION OF MATERIAL INTO THE FACILITY FOR FURTHER PROCESSING AND THE SERVICING OF FILTRATION EQUIPMENT. SAMPLING OF THE AIRBORNE CONCENTRATIONS ASSOCIATED WITH THESE OPERATIONS WAS PERFORMED AND WHEN DATA INDICATED THE POSSIBILITY OF EXCESSIVE EXPOSURES, THE PARTICULAR OPERATIONS WERE TERMINATED IN THE CASE OF MATERIAL INTRODUCTION, AND AIR SUPPLIED RESPIRATORY PROTECTION WAS PROVIDED FOR THE EQUIPMENT SERVICING. AS YOU MAY KNOW, THE PROCESSING OF EUXENITE ORE UNDER LICENSE No. R-226 HAS BEEN TERMINATED.

IF YOU SHOULD REQUIRE FURTHER INFORMATION, PLEASE NOTIFY US ACCORDINGLY.

VERY TRULY YOURS,

MALLINCKRODT CHEMICAL WORKS


J. G. MOORE
VICE PRESIDENT

JGM

MS

CC MR. LEO DUBINSKI
OFFICE OF LICENSE INSPECTION
DIVISION OF LICENSING AND REGULATION
OAK RIDGE NATIONAL LABORATORY
OAK RIDGE, TENNESSEE