

Mallinckrodt

BOX 10172 LAMBERT FIELD • ST. LOUIS, MISSOURI 63145 • 314 AX 1-0540

NUCLEAR

October 29, 1969

Lawrence D. Low, Director
Division of Compliance
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Low:

An accumulative exposure of 3050 millirems was reported to us for the whole body filmbadges worn by an individual during the quarter ending September 30, 1969. This occurred despite adjustments in the individual's work assignments which were based upon projected exposure to his filmbadges using accumulative pocket-chamber data.

The filmbadge frequency for personnel in the higher exposure group has been increased from half monthly to weekly for the quarter starting October 1, 1969, in order to better control exposures during the quarter.

Investigations are being made to determine the extent to which pocket chamber data may be used to project exposure to the filmbadge, particularly in the low gamma energy region.

A new procedure has been instituted which provides all departmental managers and supervisors daily pocket chamber and weekly filmbadge summary reports. The procedure will be continued until such time as it is no longer considered necessary.

The unused part of the permissible accumulated dose for this individual as of September 30, 1969, was 24.2 rems.

Sincerely yours,
Mallinckrodt Chemical Works
Mallinckrodt/Nuclear

Donald W. Soldan

Donald W. Soldan, Manager
Health Physics Department

cc: Director, Region III USAEC

DWS/jh

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in accordance with the Freedom of Information

Act, exemptions 6

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MALLINCKRODT CHEMICAL WORKS

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PDR FOIA
FLOYD96-343 PDR

Mallinckrodt Chemical Works
Mallinckrodt/Nuclear
Maryland Heights, Missouri

The individual referred to in this report is [REDACTED]
whose Social Security number is [REDACTED] and whose
birthdate is [REDACTED]

EX6