

Leo Dubinski, Assistant Director for
Materials, Division of Compliance
Headquarters
Roy C. Hageman, Director
Region III, Division of Compliance

August 20, 1962

AMERICAN POTASH AND CHEMICAL CORPORATION, LINDSEAY
CHEMICAL DIVISION, WEST CHICAGO, ILLINOIS :
LICENSE NO. E-234 - EXPOSURES

CO:III:JUD

Reference our memorandum of July 9, 1962 of above subject.

By a copy of a letter of August 1, 1962, (copy enclosed)
subject licensee informed this office of additional ex-
posures in excess of permissible limits. Just as in
the report which prompted the July 9 memorandum, the
August 1 report shows one of the two individuals to
have contaminated badges. Consequently, the exposure
(1280 mrem) of _____ for the period 4/16/62-
7/15/62 probably is not valid due to contaminated badges.
It should be noted that both individuals of the August
1 report also were on the report which prompted the July
9 memorandum.

The licensee stated that the second group of overexpo-
sures occurred due to delay in installing lead shielding
and due to the inadvertent assignment of these two indi-
viduals by their foreman to the job involving radiation
prior to the date on which such assignment should have
been made. Tighter administrative control has been taken
to assure that such assignments do not recur. The lead
shielding has been installed.

With regard to the contaminated badges, a recent inspec-
tion of the licensee's restricted facility disclosed re-
movable contamination of up to 7460 disintegrations per
minute per 100 square centimeters Beta-Gamma, and 6140
disintegrations per minute per 100 square centimeters
Alpha. These contamination levels compare favorably
with the 1000 disintegrations per minute per 100 square
centimeters for unrestricted areas suggested in the pro-
posed amendment of March 9, 1962 to 10 CFR 20. The
licensee has purchased badge envelopes to assist in the

- continued -

OFFICE	CO:III	CO:III		
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preventing contamination of badges.

Citations for these overexposures is recommended in the inspection report of this licensee. This report will be transmitted within the next several weeks.

This office plans no additional action in this matter.

Enclosure:

Ltr dtd 8-1-62 w/attach.

OFFICE ▶					
SURNAME ▶					
DATE ▶					