

MAR 2 1962

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L. Dubinski, Asst. Dir. for Materials  
Division of Compliance

R. E. Cunningham, Chief, Enforcement Branch  
Division of Licensing and Regulation

COMPLIANCE INSPECTION REPORT FOR  
AMERICAN POTASH AND CHEMICAL CORPORATION  
LINDSAY CHEMICAL DIVISION  
258 ANN STREET  
WEST CHICAGO, ILLINOIS  
INSPECTIONS CONDUCTED IN APRIL AND JUNE, 1961

LICENSE NO. R-234 (DOCKET 40-2061)

LR:CGW

Attached is a Part 2 letter to the subject licensee for your concurrence.

In addition to the citations recommended in the inspection report we are including in our notice of violation to the licensee, a citation under Section 20.105(b)(2) for excessive radiation levels in unrestricted areas.

With respect to your memo dated August 24, 1961, concerning the above subject, we provide the following information:

1. Incineration of shipping bags.

Inasmuch as the inspection report does not include information indicating that greater than <sup>measurable</sup> ~~trace~~ quantities of source material are contained in the shipping bags, we are not citing the licensee for violating Section 20.305, for disposing of licensed waste material by incineration.

2. Disposition of Solid Waste Materials.

The Source and Special Nuclear Materials Branch is presently reviewing the licensee's application for renewal of License No. R-234. Their review includes consideration

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## 2. continued

of the status of the solid waste materials and the resulting airborne radioactivity and external radiation in adjacent unrestricted areas. However, as indicated above, the licensee is being cited for violation of Section 20.105(b)(2).

We note from Item 13 of the inspection report, that in 1957 the licensee collected air samples at locations up to 70 miles from the West Chicago plant. Various air samples, including some collected along the Chicago lake front, are reported to have exceeded MPC. It does not appear likely that operations at the licensee's plant could produce these high airborne radioactivity concentrations in remote locations. However, this matter should be further investigated to determine the validity of these air sampling data.

We are also attaching a copy of the licensee's January 29, 1962 letter, which we refer to in our Part 2 letter.

## Attachment

Copy licensee's ltr. 1/29/62

DIVISION OF COMPLIANCE  
Memo Route Slip

\_\_\_ Action \_\_\_ Information \_\_\_ Concurrence \_\_\_ Review  
\_\_\_ Comment \_\_\_ Note & Return \_\_\_ Per Our Telcon \_\_\_ File

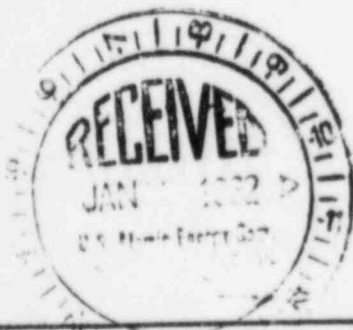
R. T. Woolsey - AL	
R. C. Hageman - CH	X
A. Burnstad - HA	
D. I. Walker - ID	
R. W. Kirkman - NY	
J. T. Sutherland - OR	
R. W. Smith - SAN	
J. G. Davis - SR	

RE: LINDSAY CHEMICAL COMPANY, WEST CHICAGO, ILLINOIS;  
LICENSE NOS. 12-4932-1, R-234, and C-3377

With respect to your memorandum dated December 19, 1961, I&R informs us that the notice of violation on the inspection report will probably be sent to the licensee by January 13, 1961. The question raised in your memorandum will be answered by I&R at that time.

We understand that the reinspection will not be conducted until after completion of enforcement action.

FILE	
<i>JAF</i>	<i>RT</i>
<i>RLT</i>	
	<i>JRN File</i>



*LD*

FROM:

Leo Dubinski

DATE: JAN 3 1962

DIVISION OF COMPLIANCE  
Memo Route Slip

Action Information Concurrence Review  
Comment Note & Return Per Our Telecon File

R. W. Kirkman Region I	
G. A. Blanc Region II	
R. C. Hageman Region III	X
D. I. Walker Region IV	
R. W. Smith Region V	

RE: AMERICAN POTASH AND CHEMICAL CORPORATION  
LINDSAY CHEMICAL DIVISION  
WEST CHICAGO, ILLINOIS *yo.*

LICENSE NOS. 12-4932-1, R-234 and C-3377 *job*

We have attached a copy of a memorandum dated March 2, 1962, from L&R on the subject licensee.

You will note that Enforcement Branch did not specifically answer the questions raised in your memorandum dated July 21, 1961. These questions will be brought to the attention of Mr. D. Nussbaumer and Mr. L. Rogers. We should like to call to your attention the fact that questions concerning interpretations should not be raised in an inspection transmittal memorandum. These matters should be covered in a separate memorandum directed to the Division of Compliance. This matter was discussed with Mr. J. Davis on March 9, 1962.

Attachment  
As stated above

LICENSE FILE ROUTING	
<i>JLD</i>	JGD
<i>CT</i>	JAF
	ERN-JGL

MAR 26 1962 *LD*

FROM: Leo Dubinski

DATE: March 22, 1962 *33*