

Marvin M. Mann, Assistant Director
Division of Inspection, Washington

NOV 8 1957

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Inspection Division, NYOO

TRANSMITTAL OF LICENSE COMPLIANCE INSPECTION REPORT - 10 CFR 30

SYMBOL: INS:WEK

Transmitted herewith is the following inspection report involving
"non-compliance":

United States Radium Corporation
P.O. Box 380
Bloomsburg, Pennsylvania

License No. 37-30-2 w/amend.#1 - 6

The following items of non-compliance were noted during this inspection:

- 20.101(a)(2) "Exposure of individuals in a restricted area to radiation"
- 20.102(b)(1) "Permissible levels of radiation in unrestricted areas"
- 20.201 "Surveys"
- 20.203(f)(1) "Caution signs, labels, and signals for containers"
- 30.33 "Exports of byproduct material"

We feel that a significant radiological hazard exists for the following reasons:

1. Frequent exposures in excess of 20.101(a)(2) have occurred with no apparent corrective or preventative action having been taken.
2. The levels of radiation in the vicinity of the silo and the apparent lack of control over the area in its immediate vicinity demonstrates a likelihood that exposures to individuals in excess of 2 mr in any one hour may occur.

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3. The lack of air contamination surveys or the equipment to conduct such surveys, could result in significant contamination going unnoticed, particularly in the Sr^{90} and Po^{210} laboratories.

We recommend that a letter be sent to the licensee requiring prompt correction of the items of non-compliance.

Enclosure:

Insp. rpt. (4)