DRAFT MDB 8/17/59 OFFICIAL USE ONLY

1. Klein
2. Hawkins
3. M. [illegible]

Eastman Kodak Company
Rochester, New York
License No. 31-461-10

Loss of
Byproduct
Material

SYNOPSIS
By letter dated June 12, 1959, licensee reported that eleven luminous markers containing about 60 millicuries of Hydrogen-3 on tritiated foil had been lost when brackets on which the buttons were installed were removed by persons unknown. All efforts to recover the sources were unsuccessful. No significant radiation hazard was believed to exist as a result of possession of the markers by persons unknown.

NOTIFICATION
Letter from licensee dated June 12, 1959, was received by AEC-NY on June 25, 1959, concerning loss which occurred during May 1959.

SCOPE OF LICENSE
36 curies of Hydrogen-3 as sealed sources for dark room locators; use authorized in various specified locations in continental United States and Hawaii.

FACTS
By letter dated June 12, 1959, licensee reported to AEC-NY that eleven luminous buttons containing about 60 millicuries of Hydrogen-3 on tritiated foil had been removed from equipment by persons unknown. Licensee believed loss occurred on three separate occasions during May 1959. The sources were identified as U. S. Radium Corporation Model #LAB-252-B-1 and had been obtained under subject license. All persons known to have had access to the area concerned were contacted in an effort to recover the source and a promise of no prejudice to or identification of the taker was given without results. The buttons had been installed so that they could not be removed individually but were attached to brackets on the corners of movable laboratory carts. The brackets were unscrewed from the cards and the entire units stolen. Licensee reported, and NY concurred, that no significant radiation health hazard was believed to exist to anyone possessing the missing units. Licensee's corrective action and circumstances of the current loss will be reviewed by NY during next regular inspection.

STATUS OF COMPLIANCE
Not determined.

CHRONOLOGY

July 6, 1959	INS received NY memo of July 2, 1959 reporting receipt on June 25, 1959 of licensee's letter dated June 12, 1959.
July 16, 1959	INS sent memo to L&R with copy NY memo of June 2; will be reviewed during next regular inspection; copy furnished GC.

NO INVESTIGATION

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