

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SEALED SOURCE

NO.: NR654S826U

DATE: August 13, 1965

PAGE 1 OF 2

SEALED SOURCE TYPE: Deck Marker Light Source

MODEL: LAB-324-4

MANUFACTURER/DISTRIBUTOR: U.S. Radium
1259 Route 46
Parsippany, NJ 07054

MANUFACTURER/DISTRIBUTOR:

ISOTOPE: Hydrogen-3

MAXIMUM ACTIVITY: 500 millicuries

LEAK TEST FREQUENCY:

PRINCIPAL USE: Other

CUSTOM SOURCE: ___ YES X NO

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SEALED SOURCE

NO.: NR654S826U

DATE: August 13, 1965

PAGE 2 OF 2

SEALED SOURCE TYPE: Deck Marker Light Source

DESCRIPTION:

The deck marker consists of a USRC Model LAB-785 enclosed in a plexiglass and steel housing crimped and sealed with adhesive.

The LAB-785 is potted in silicon potting compound in an acrylic cup. The cup is placed on a gasket in a stainless steel cup and covered with an acrylic outer housing cemented to the cup and gasket. The upper edge of the stainless steel cup is then crimped around the outer housing.

Dimensions of the completed source are as follows:

diameter	1-13/16 inches
height	11/16 inch
distance between the two mounting holes	1.52 inches
mounting hole threads	6-32 R.H.

LABELING:

The source is labeled "CAUTION RADIOACTIVE MATERIAL", with the radiation symbol in color; and specifies the isotope, content, USRC serial number, and sealing date. The label also states: "Return to U. S. Radium Corporation, Bloomsburg, PA if damaged".

ISSUING AGENCY:

U.S. Atomic Energy Commission