## REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES SAFETY EVALUATION OF A SEALED SOURCE (AMENDED IN ITS ENTIRETY)

No.: NR-0155-S-110-S DATE: March 7, 2006 PAGE 1 OF 2

SOURCE TYPE: Radioluminous Lamp

MODEL: 11733736

MANUFACTURER/DISTRIBUTOR: Department of the Army

U.S. Army TACOM Life Cycle

Management Command

AMSTA-CS-CZR

(Previously U.S. Army Tank-Automotive & Armaments Command)

Rock Island, IL 61299-7630

<u>ISOTOPE</u>: <u>MAXIMUM ACTIVITY</u>:

Hydrogen-3 1.0 Curie (37 Gbq)

LEAK TEST FREQUENCY: As specified in the user's materials

license

PRINCIPAL USE: (R) Gas Sources

For use in the Model M64 and M64A1 sight units

CUSTOM SOURCE: X YES \_\_\_\_ NO

CUSTOM USER: U.S. Department of Defense

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Radioluminous Lamp SOURCE TYPE:

DIAGRAM:

See Attachments 1 & 2.

#### **REFERENCES:**

The following supporting documents for the Model 11733736 radioluminous lamp are hereby incorporated by reference and are made a part of this registry document.

- Department of the Army letter dated March 20, 1995, requesting changes to specific certificates, and letters dated January 22, 2001, May 23, 2001, and March 24, 2004, with enclosures thereto.
- Department of the Army email received September 23, 2005, with enclosures thereto.
- Department of the Army facsimile dated December 12, 2005, with enclosures thereto.
- U.S. Department of the Army License No. 12-00722-06.

#### **ISSUING AGENCY:**

US Nuclear Regulatory Commission

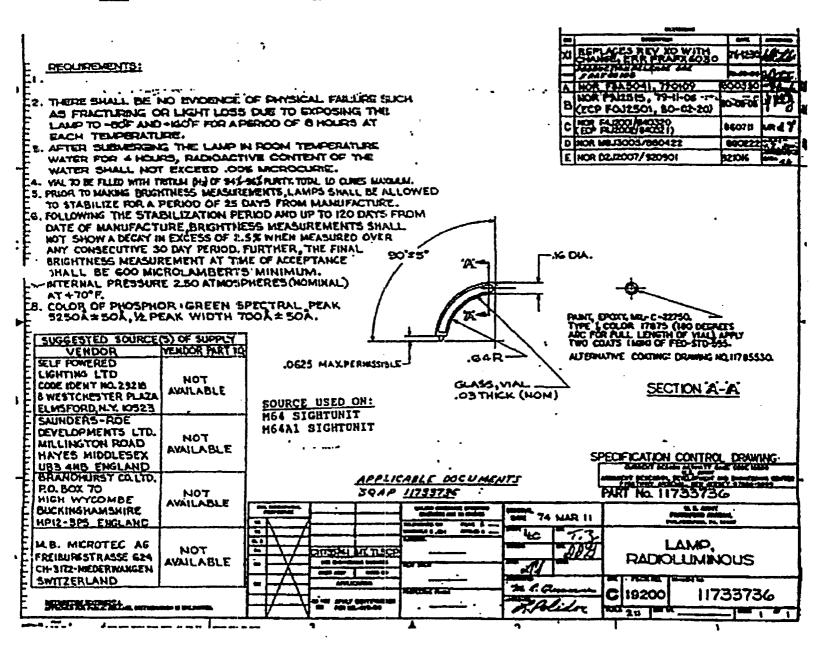
Reviewer: Tomas Herrera Date: March 7, 2006

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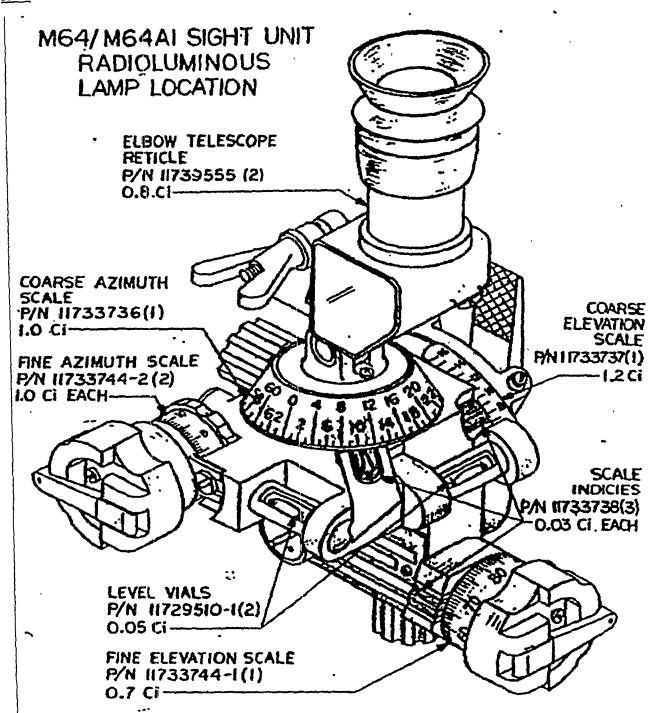
ATTACHMENT 1 OF 2



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ATTACHMENT 2 OF 2



TOTAL TRITIUM PER SIGHT UNIT 6.69 CURIES