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

No.: NR-0155-S-114-S <u>DATE</u>: March 7, 2006 <u>PAGE 1 OF 2</u>

SOURCE TYPE: Radioluminous Lamp

MODEL: 11739179-1 or 11739179-2

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 5.0 Curies (185 GBq) for 11739179-1

9.0 Curies (333 GBq) for 11739179-2

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

license

PRINCIPAL USE: (R) Gas Sources for use in the following

device model numbers:

M58 (Green lamp-Model #11739179-1)

M59 (Orange lamp-Model #11739179-2) aiming post lights

CUSTOM SOURCE: X YES NO

<u>CUSTOM USER</u>: U.S. Department of Defense

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

No.: NR-0155-S-114-S DATE: March 7, 2006 PAGE 2 OF 2

SOURCE TYPE: Radioluminous Lamp

DIAGRAM:

See Attachments 1 & 2.

REFERENCES:

The following supporting documents for the Model 11739179-1 and 11739179-2 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

Date: March 7, 2006 Reviewer: Sommo Kurura

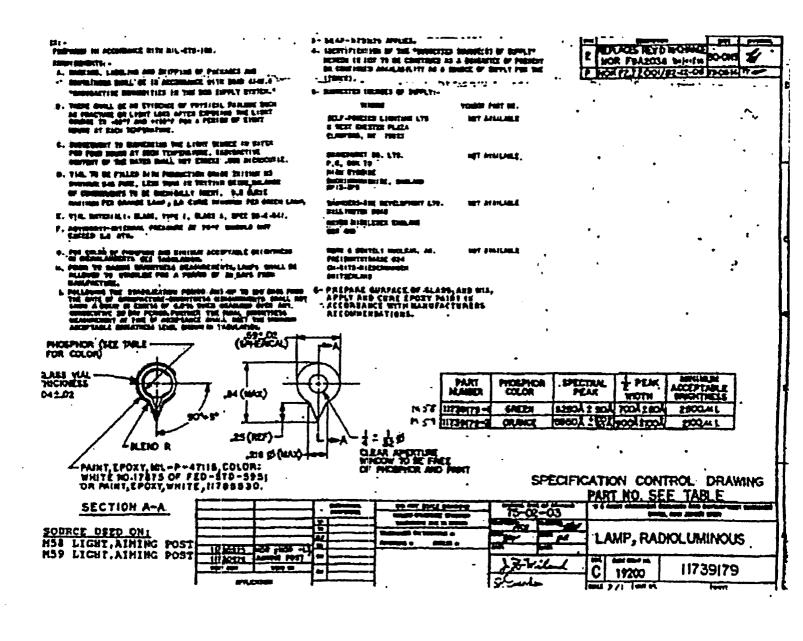
Tomas Herrera

Date: March 7, 2006 Concurrence: // // // // // Cohn P. Jankovich

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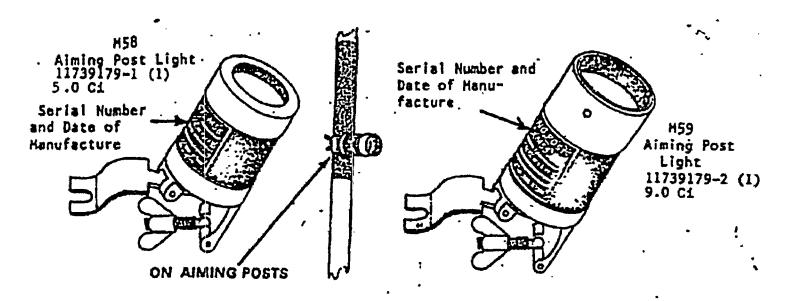
No.: NR-0155-S-114-S <u>DATE</u>: March 7, 2006 <u>ATTACHMENT 1 OF 2</u>



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

(AMENDED IN ITS ENTIRETY)

No.: NR-0155-S-114-S <u>DATE</u>: March 7, 2006 <u>ATTACHMENT 2 OF 2</u>



M58 and M59 Aiming Post Lights Total Activity H58 5.0 Ci **M59** 9.0 Ci