

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

NO.: NR-0155-S-809-S      DATE: May 13, 2011  
(Supersedes NR-0155-S-117-S)

PAGE 1 of 2

SOURCE TYPE:      Radioluminous Lamp

MODEL:                      11748012

MANUFACTURER /              Department of the Army  
DISTRIBUTOR:              U.S. Army TACOM Life Cycle  
   Management Command  
   AMSTA-CSC-Z  
   (Previously U.S. Army Tank-  
   Automotive & Armaments Command)  
   6501 E. 11 Mile Rd.  
   Warren, MI 48397-5000

ISOTOPE:                      MAXIMUM ACTIVITY:

Hydrogen-3                      2.2 Curie (81.4 GBq)

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

PRINCIPAL USE:              (R) Gas Sources, for use in the Model M138  
   Elbow Telescope

CUSTOM SOURCE:                X   Yes             No

CUSTOM USER:              U.S. Department of Defense

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PAGE 2 of 2

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DIAGRAM:

See Attachments 1 & 2.

REFERENCES:

The following supporting documents for the Model 11739555 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.
- Department of the Army letter dated March 2, 2011, with enclosures thereto.

ISSUING AGENCY:

U.S. Nuclear Regulatory Commission

Date: May 13, 2011

Reviewer:

  
Lymari Sepulveda

Date: May 13, 2011

Concurrence:

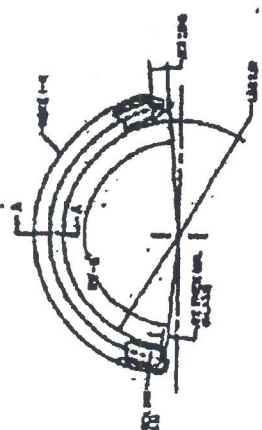

  
John P. Jankovich

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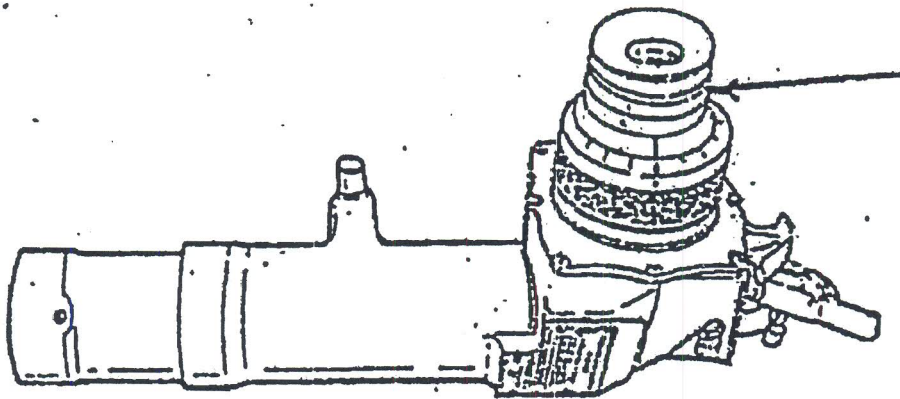
ATTACHMENT 1 OF 2

<p>1- SOURCE IDENTIFICATION</p> <p>2- SOURCE DESCRIPTION</p> <p>3- SOURCE ACTIVITY</p> <p>4- SOURCE DATE</p> <p>5- SOURCE LOCATION</p> <p>6- SOURCE HISTORY</p> <p>7- SOURCE CONDITION</p> <p>8- SOURCE SAFETY</p> <p>9- SOURCE DISPOSAL</p> <p>10- SOURCE RECOVERY</p> <p>11- SOURCE REPAIR</p> <p>12- SOURCE MAINTENANCE</p> <p>13- SOURCE INSPECTION</p> <p>14- SOURCE RECORDS</p> <p>15- SOURCE TRAINING</p> <p>16- SOURCE DOCUMENTATION</p> <p>17- SOURCE COMPLIANCE</p> <p>18- SOURCE AUDIT</p> <p>19- SOURCE REVIEW</p> <p>20- SOURCE EVALUATION</p> <p>21- SOURCE REPORT</p> <p>22- SOURCE SUMMARY</p> <p>23- SOURCE CONCLUSION</p> <p>24- SOURCE RECOMMENDATION</p> <p>25- SOURCE SIGNATURE</p> <p>26- SOURCE DATE</p> <p>27- SOURCE TITLE</p> <p>28- SOURCE ORGANIZATION</p> <p>29- SOURCE ADDRESS</p> <p>30- SOURCE PHONE</p> <p>31- SOURCE FAX</p> <p>32- SOURCE EMAIL</p> <p>33- SOURCE WEBSITE</p> <p>34- SOURCE CONTACT</p> <p>35- SOURCE NOTES</p> <p>36- SOURCE COMMENTS</p> <p>37- SOURCE OBSERVATIONS</p> <p>38- SOURCE MEASUREMENTS</p> <p>39- SOURCE CALCULATIONS</p> <p>40- SOURCE CORRECTIONS</p> <p>41- SOURCE UNCERTAINTIES</p> <p>42- SOURCE LIMITATIONS</p> <p>43- SOURCE ASSUMPTIONS</p> <p>44- SOURCE REFERENCES</p> <p>45- SOURCE APPENDICES</p> <p>46- SOURCE REFERENCES</p> <p>47- SOURCE REFERENCES</p> <p>48- SOURCE REFERENCES</p> <p>49- SOURCE REFERENCES</p> <p>50- SOURCE REFERENCES</p>	<p align="center">  </p> <p align="center">  </p> <p align="center">SOURCE USED ON: M130 FLOOD TELESCOPE</p> <p align="center">SPECIFICATION CENTER, CHICAGO MAY 13 2011</p>
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Reticle  
11748012 (2)  
2.2 Ci

1138 Elbow Telescope with Radioactive Reticle  
Total Activity 4.4 Ci