



DEPARTMENT OF THE ARMY  
HEADQUARTERS US ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND  
5001 EISENHOWER AVENUE, ALEXANDRIA, VA. 22333

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DRCSF-P/80-0012

Director  
Nuclear Material Safety and Safeguards  
ATTN: Radioisotopes Licensing Branch  
US Nuclear Regulatory Commission  
Washington, DC 20555

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1980 MAR 5 PM 10 03

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Gentlemen:

Reference NRC Control Number 01699.

Forwarded is request from US Army Communications and Electronics Materiel Readiness Command for exemption to requirement that new identification tags listing License Number 29-01022-11 be applied to sources previously procured under License Number 19-01826-02.

An evaluation of the feasibility of procuring new identification tags listing License Number 29-01022-11 and incorporation of new tags into approximately 10,000 sources procured under License Number 19-01826-02 concludes that it would be logistically and economically unfeasible.

Request favorable consideration be given to US Army Communications and Electronics Materiel Readiness Command request for exemption.

Please acknowledge receipt of correspondence on inclosed DA Form 209 Reply Card.

Sincerely,

*Darwin N. Faras*  
DARWIN N. FARAS  
Chief, Health Physics  
Safety Office

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As Stated

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DEPARTMENT OF THE ARMY  
HEADQUARTERS US ARMY COMMUNICATIONS AND ELECTRONICS  
MATERIEL READINESS COMMAND AND FORT MONMOUTH  
FORT MONMOUTH, NEW JERSEY 07703

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REPLY TO  
ATTENTION OF:

DRSEL-SF-H

25 JAN 1980

SUBJECT: US Nuclear Regulatory Commission (NRC) Byproduct Material  
License Number 29-01022-11

THRU: Commander  
US Army Materiel Development and  
Readiness Command  
ATTN: DRCSF-P  
5001 Eisenhower Avenue  
Alexandria, Virginia 22333

TO: Director  
Nuclear Material Safety and Safeguards  
ATTN: Radioisotopes Licensing Branch  
(Mr. James L. Jones)  
US Nuclear Regulatory Commission  
Washington, DC 20555

1. Reference is made to NRC Application For Byproduct Material License dated 4 September 1979 for renewal and complete revision of subject license for the possession and use worldwide of the MX-7338/PDR-27R Radioactive Test Sample (check source) containing a nominal 5 millicuries of <sup>85</sup>Krypton. NRC Control Number 01699 has been assigned to this application.
2. Supplement D to reference application incorporates US Army Edgewood Arsenal (USAEA) Drawing Number B124-12-10, Revision C, entitled Identification Tag, which has recently been revised to exhibit subject license presently issued authorizing the possession and use of the MX-7338/PDR-27R. Identification tags attached to check sources purchased under previous procurement contracts incorporate USAEA AEC License Number 19-1826-2 previously issued authorizing the possession and use of these check sources. Since the transferal of logistical responsibility to this command, no further procurements of these sources have been made.
3. This command has evaluated feasibility studies relating to the procurement of new identification tags containing subject license number and

0951

DRSEL-SF-H

SUBJECT: US Nuclear Regulatory Commission (NRC) Byproduct Material  
License Number 29-01022-11

incorporation of these tags onto approximately 10,000 of these sources and conclude that it would be logistically and economically unfeasible to perform this requirement.

4. Request consideration be given to exempt this command from the requirement referred to above on those sources presently possessed under previous procurements. All future procurement requirements will be made for sources containing the new identification tags.

FOR THE COMMANDER:



BERNARD M. SAVAIKO  
Chief, Safety Office



DEPARTMENT OF THE ARMY  
HEADQUARTERS US ARMY COMMUNICATIONS AND ELECTRONICS  
MATERIEL READINESS COMMAND AND FORT MONMOUTH  
FORT MONMOUTH, NEW JERSEY 07703

REPLY TO  
ATTENTION OF:

DRSEL-SF-H

9 APR 1980

SUBJECT: US Nuclear Regulatory Commission (NRC) Byproduct Material  
License Number 29-01022-11

Commander  
US Army Materiel Development and  
Readiness Command  
ATTN: DRCSF-P  
5001 Eisenhower Avenue  
Alexandria, Virginia 22333

1. Reference is made to the following:
  - a. Letter, DRSEL-SF-H, dated 25 January 1980, subject as above.
  - b. Meeting, 5 February 1980, between Mr. Steven A. Horne, CERCOM Safety Office and Mr. Darwin N. Taras, DARCOM Safety Office, subject as above.
2. Reference 1a requested the NRC give consideration to exempt this command from the requirement for attaching identification tags exhibiting subject license number onto MX-7338/PDR-27R Radioactive Test Samples under previous procurement contracts exhibiting US Army Edgewood Arsenal AEC License Number 19-1826-2.
3. Reference 1b requested this command provide a feasibility study showing that it would be logistically and economically unfeasible to perform paragraph 2 change.
4. The following are the results of the economic feasibility study performed by the Directorate of Maintenance Engineering, CERCOM, based upon information supplied to them by Lexington-Blue Grass Depot Activity. The information below is based upon 10,000 test samples already fielded by this command.
  - a. Tag, silk screen on painted plate \$0.60 each = \$6,000.
  - b. Stocking (100 man hours at \$25. per man hour) = 2,500.

0951

9 APR 1980

DRSEL-SF-H

SUBJECT: US Nuclear Regulatory Commission (NRC) Byproduct Material License Number 29-01022-11

- c. Application Cost - (2 man hours at \$25, per man hour for 2,000 activities) = \$100,000,
- d. Packaging - (250 man hours at \$25, per man hour) = 6,250,
- e. Postage (\$0.30 each for 10,000 sources) = 3,000,
- f. MWO (Tech Manual, 5 pages, 300 copies) = 1,500,  
\$119,250,

5. It is estimated that the cost of the proposed modification for each MX-7338/PDR-27R Radioactive Test Sample will be approximately \$12,00. According to the current Army Master Data File Retrieval Microform System of 1 March 1980, the cost for a new test sample, including the identification tag, is \$6.46.

6. Based upon the above as well as reference 1a, it would be logistically and economically unfeasible to perform this requirement.

FOR THE COMMANDER:

*Bern Savaike*

BERNARD M. SAVAICO  
Chief, Safety Office