

VOID SHEET

TO: License Fee Management Branch

FROM:

Region IV

SUBJECT: VOIDED APPLICATION

Control Number:

463109

Applicant:

Dept. of the Army

Date Voided:

7/23/90

Reason for void:

no action

necessary. Corrected copy to be
issued for decommissioning.
No review accomplished

Billic Muesymski 7/23/90
Signature Date

Attachment:
Official Record Copy of
Voided Action

FOR LFMB USE ONLY

Final Review of VOID Completed:

- Refund Authorized and processed
- No Refund Due
- Fee Exempt or Fee Not Required

Comments:

Log completed

Processed by:

W. Mueser

MLAO
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DEPARTMENT OF THE ARMY
WILLIAM BEAUMONT ARMY MEDICAL CENTER
EL PASO, TEXAS 79920 - 5001

May 17, 1990

REPLY TO
ATTENTION OF:

Preventive Medicine Service
Radiation Protection Office

JUN 13 1990

SUBJECT: Statement of Intent for Decommissioning Funding Plan
License Number 42-05255-07

Vivian H. Campbell
U.S. Nuclear Regulatory Commission (NRC)
Region IV, Licensing Section
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

Dear Ms. Campbell:

William Beaumont Army Medical Center (WBAMC) submits the enclosed Statement of Intent for Decommissioning Funding Plan in accordance with 10 CFR 30.35(f)(4) and your letter of February 12, 1990.

The WBAMC proponent for NRC licensing is Captain Tim R. Schley, Chief, Health Physics. The supporting packet should satisfy all NRC criteria for review and approval. Should there be reason, however, to draw attention to this issue, please do not hesitate to contact CPT Schley, WBAMC, ATTN: HSHM-PMA-RP, El Paso, Texas 79920-5001 or telephone (915) 568-7016.

Thank you for your attention and guidance.

Sincerely,

Richard Proctor

RICHARD PROCTOR
Brigadier General, Medical Corps
Commanding

Enclosure

Copies Furnished:

The Surgeon General, ATTN: HQDA (DASG-PSP-E), 5109 Leesburg Pike,
Falls Church, Virginia 22141-3258
U.S. Army Health Services Command, ATTN: HSCL-P, Fort Sam Houston,
Texas 78234-6000

LTC. Day approved this by telecon with undersigned this day, 6/12/90.

Billie Gruszynski

FEE EXEMPT

RECEIVED
90 AUG -3 12
U.S. ARMY
HEALTH SERVICES
COMMAND

RECEIVED

463109

STATEMENT OF INTENT

DECOMMISSIONING FUNDING PLAN
LICENSE NUMBER 42-05255-07

References:

a. Title 10, Code of Federal Regulations, Part 30, Rules of General Applicability to Domestic Licensing of Byproduct Material, June 30, 1988, Section 30.35, Financial Assurance and Recordkeeping for Decommissioning.

b. U.S. Army TB MED 525, March 10, 1988, Control of Hazards to Health from Ionizing Radiation Used by the Army Medical Department.

c. NUREG-1336, Revision 1, August 1, 1989, Standard Format and Content Guide for Financial Assurance Mechanisms Required for Decommissioning Under 10 CFR 30, 40, 70 and 72.

In accordance with 10 CFR 30.35 (f)(4) and TB MED 525, 2-13d(1), William Beaumont Army Medical Center (WBAMC) will ensure that funds for decommissioning will be obtained when necessary through U.S. Army command channels via the Health Services Command, WBAMC's immediate higher headquarters.

Funds for decommissioning costs will be requested and obtained sufficiently in advance of decommissioning to prevent delay of required activities for any and all WBAMC approved facilities as identified on the current NRC License Number 42-05255-07 (enclosure 1).

The required maximum amount of financial assurance for decommissioning by quantity of material will be \$750,000, as stated in tables of 10 CFR 30.35 (d) (enclosure 2).

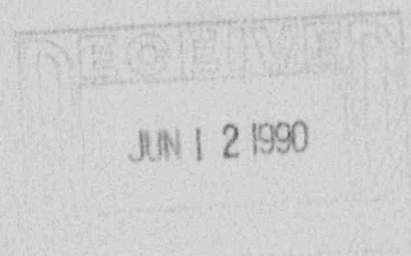
Under the provisions of TB MED 525, 1-4e(8) (enclosure 3), I certify that this Statement of Intent is true and correct to the best of my knowledge.

Richard Proctor

RICHARD PROCTOR
Brigadier General, Medical Corps
Commanding

5 Enclosures

May 17, 1990



MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954 as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee

- 1. Department of the Army
- 2. William Beaumont Army Medical Center
El Paso, Texas 79920

In accordance with application dated September 20, 1989

3. License number 42-05255-07 is amended in its entirety to read as follows:

4. Expiration date February 28, 1994

5. Docket or Reference No. 030-03260

6. Byproduct, source, and/or special nuclear material

7. Chemical and/or physical form

8. Maximum amount that licensee may possess at any one time under this license

A. Any byproduct material with Atomic Numbers 3 through 83, inclusive

A. Any except sealed sources

A. Not to exceed 100 millicuries per radionuclide except:

Hydrogen-3	1 curie
Technetium-99m	2 curies
Iodine-131	300 millicuries
Xenon-133	3 curies

B. Any byproduct material with Atomic Numbers 3 through 83, inclusive

B. Sealed sources, plated sources, foils, or wires

B. Not to exceed 2 curies per sealed source, plated source, foil, or wire

C. Americium-241

C. Sealed sources

C. Not to exceed 100 millicuries per source

Emel 1

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

42-05255-07

Docket or Reference number

030-03260

Amendment No. 38

9. Authorized use

- A. and B. Medical use, research, and development; tracer studies in humans as approved by the Radioactive Research Committee established with and approved by the Food and Drug Administration; research and development for non-human uses as defined by 10 CFR 30.4(q); or academic instruction.
- C. Components of analytical equipment and instrument calibration.

CONDITIONS

- 10. Location of use: William Beaumont Army Medical Center, El Paso, Texas.
- 11. Radiation Safety Officer: CPT Timothy R. Schley.
- 12. Authorized Users:
 - A. The licensee's Radiation Control Committee may permit any physician to use byproduct material for medical use, research, and development. The physician must meet the appropriate training and experience criteria in 10 CFR Part 35, Subpart J. The licensee's Radiation Control Committee may make case-by-case exceptions to these criteria.
 - B. Licensed material for non-human use shall be used by, or under the supervision of, the William Beaumont Army Medical Center Radiation Control Committee, COL William B. York, Chairman.
- 13. As an exemption from the requirements of 10 CFR 35.49, 35.100, 35.200, 35.300, 35.400, 35.500, and 35.600, the licensee may use for a clinical procedure any byproduct material in any chemical or physical form if use of the clinical procedure has been approved by the licensee's Radiation Control Committee.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

42-05255-07

Docket or Reference number

030-03260

Applicant No. 38

14. The licensee shall maintain records of information important to safe and effective decommissioning at Department of the Army, William Beaumont Army Medical Center, Radiation Safety Office, El Paso, Texas, per the provision of 10 CFR 30.35(g) until this license is terminated by the Commission.
15. This license is based on the licensee's statements and representations as follows:
 - A. Application dated December 10, 1987
 - B. Application dated April 13, 1988
 - C. Letter dated August 16, 1988
 - D. Letter dated October 13, 1988
 - E. Application dated September 20, 1989
 - F. Letter dated November 28, 1989
 - G. Letter dated January 19, 1990

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date FEB 12 1990

Original Signed By:
By William L. Fisher
Nuclear Materials Licensing Section
Region IV
Arlington, Texas 76011

WLF

- (1) Identify the source or device by manufacturer and model number as registered with the Commission under § 32.210 of this chapter or with an Agreement State; or
- (2) Contain the information identified in § 32.210(c).

(h) As provided by § 30.35, certain applications for specific licenses filed under this part and Parts 32 through 35 of this chapter must contain a proposed decommissioning funding plan or a certification of financial assurance for decommissioning. In the case of renewal applications submitted before July 27, 1990, this submittal may follow the renewal application but must be completed on or before July 27, 1990.

General requirements for issuance of specific licenses.

- (a) An application for a specific license will be approved if:
 - (1) The application is for a purpose authorized by the Act;
 - (2) The applicant's proposed equipment and facilities are adequate to protect health and minimize danger to life or property;
 - (3) The applicant is qualified by training and experience to use the material for the purpose requested in such manner as to protect health and minimize danger to life or property;
 - (4) The applicant satisfies any special requirements contained in Parts 32-35, 39 and

(5) In the case of an application for a license to receive and possess byproduct material for the conduct of any activity which the Commission determines will significantly affect the quality of the environment, the Director of Nuclear Material Safety and Safeguards or his designee, before commencement of construction of the plant or facility in which the activity will be conducted, on the basis of information filed and evaluations made pursuant to Subpart A of Part 51 of this chapter, has concluded, after weighing the environmental, economic, technical, and other benefits against environmental costs and considering available alternatives, that the action called for is the issuance of the proposed license, with any appropriate conditions to protect environmental values. Commencement of construction prior to such conclusion shall be grounds for denial of a license to receive and possess byproduct material in such plant or facility. As used in this paragraph the term "commencement of construction" means any clearing of land, excavation, or other substantial action that would adversely affect the environment of a site. The term does not

mean site exploration, necessary roads for site exploration, borings to determine foundation conditions, or other preconstruction monitoring or testing to establish background information related to the suitability of the site or the protection of environmental values.

(b) Upon a determination that an application meets the requirements of the Act, and the regulations of the Commission, the Commission will issue a specific license authorizing the possession and use of byproduct material (Form NRC-374, "Byproduct Material License").

§ 30.34 Terms and conditions of licenses.

(a) Each license issued pursuant to the regulations in this part and the regulations in Parts 31-35, 39 shall be subject to all the provisions of the Act, now or hereafter in effect, and to all valid rules, regulations and orders of the Commission.

(b) No license issued or granted pursuant to the regulations in this part and Parts 31-35, 39 nor any right under a license shall be transferred, assigned or in any manner disposed of, either voluntarily or involuntarily, directly or indirectly, through transfer of control of any license to any person, unless the Commission shall, after securing full information, find that the transfer is in accordance with the provisions of the Act and shall give its consent in writing.

(c) Each person licensed by the Commission pursuant to the regulations in this part and Parts 31-35, 39 shall confine his possession and use of the byproduct material to the locations and purposes authorized in the license. Except as otherwise provided in the license, a license issued pursuant to the regulations in this part and Parts 31-35, 39 of this chapter shall carry with it the right to receive, acquire, own, and possess, byproduct material. Preparation for shipment and transport of byproduct material shall be in accordance with the provisions of Part 71 of this chapter.

(d) Each license issued pursuant to the regulations in this part and Parts 31-35, 39 shall be deemed to contain the provisions set forth in section 183b-d., inclusive, of the Act, whether or not these provisions are expressly set forth in the license.

(e) The Commission may incorporate, in any license issued pursuant to the regulations in this part and Parts 31-35, 39 at the time of issuance, or thereafter by appropriate rule, regulation or order, such

additional requirements and conditions with respect to the licensee's receipt, possession, use and transfer of byproduct material as it deems appropriate or necessary in order to:

- (1) Promote the common defense and security;
- (2) Protect health or to minimize danger to life or property;
- (3) Protect restricted data;
- (4) Require such reports and the keeping of such records, and to provide for such inspections of activities under the license as may be necessary or appropriate to effectuate the purposes of the Act and regulations thereunder.

(f) [Reserved] 48 FR 52324

(g) Each licensee preparing technetium-99m radiopharmaceuticals from molybdenum-99/technetium-99m generators shall test the generator eluates for molybdenum-99 breakthrough in accordance with § 35.204 of this chapter. The licensee shall record the results of each test and retain each record for three years after the record is made.

(h)(1) Each licensee shall notify the appropriate NRC Regional Administrator, in writing, immediately following the filing of a voluntary or involuntary petition for bankruptcy under any Chapter of Title 11 (Bankruptcy) of the United States Code by or against:

- (i) The licensee;
 - (ii) An entity (as that term is defined in 11 U.S.C. 101(14)) controlling the licensee or listing the licensee or licensee as property of the estate; or
 - (iii) An affiliate (as that term is defined in 11 U.S.C. 101(2)) of the licensee.
- (2) This notification must indicate:
- (i) The bankruptcy in which the petition for bankruptcy was filed; and
 - (ii) The date of the filing of the petition.

§ 30.35 Financial assurance and recordkeeping for decommissioning.

(a) Each applicant for a specific license authorizing the possession and use of unsealed byproduct material of half-life greater than 120 days and in quantities exceeding 10⁶ times the applicable quantities set forth in Appendix C to 10 CFR Part 20 shall submit a decommissioning funding plan as described in paragraph (e) of this section. The decommissioning funding plan must also be submitted when a combination of isotopes is involved if R divided by 10⁶ is greater than 1 (unity rule), where R is defined here as the sum of the ratios of the quantity of each

PART 30 • RULES OF GENERAL APPLICABILITY TO DOMESTIC LICENSING

isotope to the applicable value in Appendix C.

(b) Each applicant for a specific license authorizing possession and use of byproduct material of half-life greater than 120 days and in quantities specified in paragraph (d) of this section shall either--

(1) Submit a decommissioning funding plan as described in paragraph (e) of this section; or

(2) Submit a certification that financial assurance for decommissioning has been provided in the amount prescribed by paragraph (d) of this section using one of the methods described in paragraph (f) of this section. For an applicant, this certification may state that the appropriate assurance will be obtained after the application has been approved and the license issued but prior to the receipt of licensed material. As part of the certification, a copy of the financial instrument obtained to satisfy the requirements of paragraph (f) of this section is to be submitted to NRC.

(c) (1) Each holder of a specific license issued on or after July 27, 1990, which is of a type described in paragraph (a) or (b) of this section, shall provide financial assurance for decommissioning in accordance with the criteria set forth in this section.

(2) Each holder of a specific license issued before July 27, 1990, and of a type described in paragraph (a) of this section shall submit, on or before July 27, 1990, a decommissioning funding plan or a certification of financial assurance for decommissioning in an amount at least equal to \$750,000 in accordance with the criteria set forth in this section. If the licensee submits the certification of financial assurance rather than a decommissioning funding plan at this time, the licensee shall include a decommissioning funding plan in any application for license renewal.

(3) Each holder of a specific license issued before July 27, 1990, and of a type described in paragraph (b) of this section shall submit, on or before July 27, 1990, a certification of financial assurance for decommissioning or a decommissioning funding plan in accordance with the criteria set forth in this section.

(d) Table of required amounts of financial assurance for decommissioning by quantity of material.

greater than 10^4 but less than or equal to 10^6 times the applicable quantities of Appendix C of Part 20 in unsealed form. (For a combination of isotopes, if R, as defined in § 30.35(a), divided by 10^4 is greater than 1 but R divided by 10^6 is less than or equal to 1.)..... \$750,000

greater than 10^3 but less than or equal to 10^4 times the applicable quantities of Appendix C of

Part 20 in unsealed form. (For a combination of isotopes, if R, as defined in § 30.35(a), divided by 10^3 is greater than 1 but R divided by 10^4 is less than or equal to 1.)..... \$150,000

greater than 10^10 times the applicable quantities of Appendix C of Part 20 in sealed sources or plated foils. (For a combination of isotopes, if R, as defined in § 30.35(a), divided by 10^10 is greater than 1.)..... \$75,000

(e) Each decommissioning funding plan must contain a cost estimate for decommissioning and a description of the method of assuring funds for decommissioning from paragraph (f) of this section, including means of adjusting cost estimates and associated funding levels periodically over the life of the facility.

(f) Financial assurance for decommissioning must be provided by one or more of the following methods:

(1) Prepayment. Prepayment is the deposit prior to the start of operation into an account segregated from licensee assets and outside the licensee's administrative control of cash or liquid assets such that the amount of funds would be sufficient to pay decommissioning costs. Prepayment may be in the form of a trust, escrow account, government fund, certificate of deposit, or deposit of government securities.

(2) A surety method, insurance, or other guarantee method. These methods guarantee that decommissioning costs will be paid should the licensee default. A surety method may be in the form of a surety bond, letter of credit, or line of credit. A parent company guarantee of funds for decommissioning costs based on a financial test may be used if the guarantee and test are as contained in Appendix A to this part. A parent company guarantee may not be used in combination with other financial methods to satisfy the requirements of this section. Any surety method or insurance used to provide financial assurance for decommissioning must contain the following conditions:

(i) The surety method or insurance must be open-ended or, if written for a specified term, such as five years, must be renewed automatically unless 90 days or more prior to the renewal date, the issuer notifies the Commission, the beneficiary, and the licensee of its intention not to renew. The surety method or insurance must also provide that the full face amount be paid to the beneficiary automatically prior to the expiration without proof of forfeiture if the licensee fails to provide a replacement acceptable to the Commission within 30 days after receipt of notification of cancellation.

(ii) The surety method or insurance

must be payable to a trust established for decommissioning costs. The trustee and trust must be acceptable to the Commission. An acceptable trustee includes an appropriate State or Federal government agency or an entity which has the authority to act as a trustee and whose trust operations are regulated and examined by a Federal or State agency.

(iii) The surety method or insurance must remain in effect until the Commission has terminated the license.

(3) An external sinking fund in which deposits are made at least annually, coupled with a surety method or insurance, the value of which may decrease by the amount being accumulated in the sinking fund. An external sinking fund is a fund established and maintained by setting aside funds periodically in an account segregated from licensee assets and outside the licensee's administrative control in which the total amount of funds would be sufficient to pay decommissioning costs at the time termination of operation is expected. An external sinking fund may be in the form of a trust, escrow account, government fund, certificate of deposit, or deposit of government securities. The surety or insurance provisions must be as stated in paragraph (f)(2) of this section.

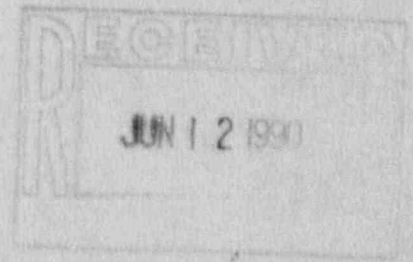
(4) In the case of Federal, State, or local government licenses, a statement of intent containing a cost estimate for decommissioning or an amount based on the Table in paragraph (d) of this section, and indicating that funds for decommissioning will be obtained when necessary.

(g) Each person licensed under this part or Parts 32 through 35 of this chapter shall keep records of information important to the safe and effective decommissioning of the facility in an identified location until the license is terminated by the Commission. If records of relevant information are kept for other purposes, reference to these records and their locations may be used. Information the Commission considers important to decommissioning consists of--

(1) Records of spills or other unusual occurrences involving the spread of contamination in and around the facility, equipment, or site. These records may be limited to instances when contamination remains after any cleanup procedures or when there is reasonable likelihood that contaminants may have spread to inaccessible areas as in the case of possible seepage into porous materials such as concrete. These records must include any known information on identification of involved nuclides, quantities, forms, and concentrations.

(2) As-built drawings and modifications of structures and equipment in restricted areas where radioactive materials are used and/or

TECHNICAL BULLETIN



OCCUPATIONAL AND ENVIRONMENTAL HEALTH
**CONTROL OF HAZARDS TO HEALTH
FROM IONIZING RADIATION USED
BY THE ARMY MEDICAL DEPARTMENT**

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Fort Bliss, Texas 79916
Tel. 568-7013

HEADQUARTERS, DEPARTMENT OF THE ARMY

encl 3 MARCH 1988

Chapter 1 Introduction

1-1. Purpose

This technical bulletin—

a. Prescribes general requirements and delineates responsibilities for the use and control of ionizing radiation within the U.S. Army Medical Department (AMEDD).

b. Applies to the Active Army, U.S. Army Reserve, and National Guard Bureau within the continental United States and outside the continental United States (OCONUS) using ionizing radiation for medical purposes.

c. Outlines procedures for obtaining, renewing, and amending U.S. Nuclear Regulatory Commission (NRC) licenses and Department of the Army Radiation Authorization (DARA).

d. Supplements and complements NRC, Department of Transportation, Department of Labor, and Food and Drug Administration (FDA) requirements pertaining to the use, control, transport, and safeguard of ionizing radiation.

1-2. References

Required and related publications and prescribed and referenced forms are listed in appendix A.

1-3. Explanation of abbreviations and terms

Abbreviations and special terms used in this TB MED are explained in the glossary.

1-4. Responsibilities

a. *The Surgeon General (TSG)* will perform the responsibilities delineated in AR 10-5. In addition, TSG will—

(1) Approve all radiation protection officers (RPOs) at medical organizations authorized to use radioactive materials other than those authorized by registration certificates.

(2) Issue, review, and amend medical DARAs to qualified applicants.

(3) Issue, review, and amend DA radioactive material permits for the medical use of radioactive material on Army installations by non-Army organizations.

(4) Act as liaison with NRC for Army medical licensing.

(5) Approve the use of investigational radiopharmaceuticals according to AR 40-7.

(6) Approve the use of radioactive materials in clinical investigations according to AR 40-38.

(7) Approve the use of the human volunteers when the studies come within the guidelines of this TB MED and AR 70-25.

(8) Designate a Radiation Control Committee to assess the use of radioactive materials by evaluating the documentation submitted by Army medical organizations according to this TB MED and other directives.

b. *The Commander, U.S. Army Health Services Command (HSC)* will perform the responsibilities delineated in

AR 10-43. In addition, the Commander, HSC will—

(1) Ensure that all organizations under the jurisdiction of HSC comply with the requirements of this TB MED and applicable Federal directives.

(2) Evaluate each HSC organization licensed to use radioactive material at least every 2 years.

(3) Review for technical accuracy all DA permits, NRC licenses, and DARA applications for use of radioactive materials at HSC organizations.

(4) Act as liaison with the NRC for Army medical licensing when authority has been delegated by TSG.

c. *The Commander, U.S. Army Medical Research and Development Command (MRDC)* will ensure that organizations under MRDC jurisdiction—

(1) Possess proper authorization, including a valid NRC license or DARA, prior to procuring or using radioactive materials or ionizing radiation.

(2) Possess proper authorization to use investigational radiopharmaceuticals (AR 40-7).

(3) Acquire written approval from the Secretary of the Army (AR 70-25) prior to submitting a DA permit, NRC license, or DARA application for use in humans (when human volunteers are to be used as experimental research subjects).

(4) Possess adequate resources and procedures for the safe handling and control of radioactive materials and other sources of ionizing radiation.

d. *Commanders of oversea medical commands* will comply with the requirements of this TB MED and the requirements of the host country as applicable. (In oversea workplaces where the applicable Status of Force Agreements specifically require that U.S. Forces standards comply with host country law, host country standards take precedence if stricter. If host country law is less strict or nonexistent, Army requirements will apply.) In addition, they will—

(1) Ensure that all medical organizations under the command's jurisdiction comply with the provisions of this TB MED.

(2) Evaluate each medical organization processing a DARA at least every 2 years for compliance with this TB MED.

(3) Review for technical accuracy all DA permits and DARA applications for use of radioactive materials at medical organizations under the command's jurisdiction.

e. *The commanders of each medical organization* will—

(1) Control all aspects of the Radiation Protection Program within their command.

(2) Ensure that their organization possesses a valid NRC license or DARA for the use of radioactive materials. An application for NRC license or DARA for radioactive materials to be used in diagnosis or therapy will not be processed unless the organization has been designated by TSG, HSC, or an OCONUS medical command commander to provide nuclear medicine or radiation therapy services.

(3) Provide adequate support for the medical use of ionizing radiation including—

(a) Accommodations for the clinical care of patients.

(b) The availability of suitably trained and experienced personnel.

(c) The availability of essential equipment such as handling devices, shields, ionizing radiation measuring and monitoring instruments, and radiation protection related publications such as Code of Federal Regulations (CFR) subscriptions.

(d) An approved, current, written Radiation Protection Program for the protection of personnel and the health and safety aspects of the use of ionizing radiation.

(4) Designate a qualified RPO and an alternate in writing. Organizations performing nuclear medicine or radiation therapy must have a full-time RPO. The RPO will not be assigned to an organizational element that uses ionizing radiation.

(5) Designate a Radiation Control Committee. (This is not required for field medical units or health and dental clinics.)

(6) Ensure that the qualifications of each individual user of radioactive materials within the organization and each type proposed use of a radionuclide is reviewed by the Radiation Control Committee according to the requirements specified in the conditions of the DA permit, NRC license or DARA, and appropriate Federal directives.

(7) Ensure that all individuals working in or frequenting a radiation controlled area are informed of the presence of radiation sources. These individuals will be instructed in precautions and procedures necessary to minimize radiation exposure, and in the biological risks of such exposure.

(8) Sign all application forms for NRC licenses or DARA renewals or significant amendments.

f. The Radiation Control Committee will—

(1) Meet at least quarterly and at the call of the chairman.

(2) Recommend approval or disapproval of each type of radiation source from the standpoint of radiological health and safety of patients and working personnel and other factors established for the medical use of these sources.

(3) Recommend individual users for each type of procedure with each individual radionuclide and ensure that any physician authorized to use radioactive material in humans meets the criteria specified in part 35, title 10, Code of Federal Regulations (10 CFR 35). Recommendations will be consistent with the limits and conditions of the NRC license and DARA.

(4) Recommend individual pharmacists and individual compounding protocols for compounding radioactive drugs (radiopharmaceuticals) or radiopharmaceutical kits to be administered to patients (if the procedure is permitted to be performed by NRC license or DARA).

(5) Prescribe, if required, special conditions to be per-

mitted in the work area and special procedures or work rules for use of radiation sources.

(6) Formulate and review the radiation protection training program.

(7) Monitor radiation exposures within the command and recommend actions to keep exposures as low as is reasonably achievable (ALARA). As a minimum, the collective dose to all radiation workers, average dose, and highest individual dose will be reviewed at quarterly meetings.

(8) Formally review, at least annually, the policies and procedures established to maintain low exposures.

(9) Approve the training and experience of the nuclear pharmacist.

g. The RPO, in addition to the responsibilities in 10 CFR 35.21, will—

(1) Exercise staff supervision over the Radiation Protection Program.

(2) Provide consultation and advice on the degree of hazards associated with radiation and effectiveness of control measures.

(3) Advise and assist the commander and radiation workers in all matters pertaining to radiation protection, including instructing and training of workers (users) and others in the safe use of protective equipment and radiation producing devices.

(4) Ensure all radioactive materials are properly receipted, used, stored, handled, shipped, and disposed of according to applicable directives.

(5) Formulate and implement the Radiation Protection Program.

(6) Formulate, implement, and supervise an active, aggressive, documented program designed to keep radiation doses to levels which are ALARA.

(7) Review the current and proposed uses of radiation sources for compliance with regulations and approved procedures.

(8) Review standing operating procedures for operations involving sources of ionizing radiation before submission to the Radiation Control Committee.

(9) Review procurement of all radioactive materials to ensure compliance with NRC licenses or DARA conditions.

(10) Ensure radiation survey and/or detection instruments used in radiation protection are properly calibrated and are available to radiation workers.

(11) Ensure all radiation shields, containers, and handling equipment are maintained in satisfactory condition.

(12) Ensure the required radiation warning signs are posted.

(13) Ensure that a physical inventory of radioactive materials is conducted every 3 months.

(14) Ensure that radiation surveys are performed at least quarterly and that leak tests are performed semiannually (NRC Reg Guide No. 8.23).

CHECKLIST FOR DECOMMISSIONING FINANCIAL ASSURANCE

NAME OF LICENSEE OR APPLICANT

William Beaumont Army Medical Center

MAILING ADDRESS

Commander, William Beaumont Army Medical Center

ATTN: HSHM-PMA-RP, El Paso, Texas 79920-5001

A. Licensee Part (check one of the following):

- Part 30 Licensee or Applicant Part 70 Licensee or Applicant
 Part 40 Licensee or Applicant Part 72 Licensee or Applicant

B. Check appropriate item in each category (if applicable)

1. 17 MAY 1990 Date of ~~Financial Assurance~~ Submission
2. Public Entity
 Private Entity
3. Certification of Financial Assurance
 Decommissioning Funding Plan
4. (a) Prepayment Option (See Appendix B)
 Trust Fund
 Escrow Account
 Certificate of Deposit
 Government Fund
 Deposit of Government Securities
(b) Surety/Insurance/Other Guarantee (See Appendix C)
 Surety bond
 Letter of Credit
 Line of Credit
 Parent Company Guarantee/Financial Test*
(c) External Sinking Fund, Sinking Account and Surety/Insurance (See Appendix D)
 Trust Fund
 Escrow Account
 Certificate of Deposit
 Government Fund
 Deposit of Government Securities
 Surety Bond
 Letter of Credit
 Line of Credit
(d) Statement of Intent (public entities only)

*May not be used in combination with any other instrument.

Encl 4a

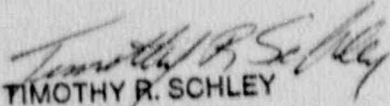
CHECKLIST FOR STATEMENT OF INTENT

A. Type of Licensee (check one):

- Federal Government Licensee**
 State Government Licensee
 Local Government Licensee


B. Check Documents Submitted for Statement of Intent

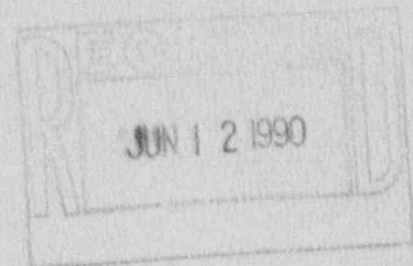
- Statement Guaranteeing Decommissioning**
 Description of Authority of Government Entity to Make Statement of Intent


TIMOTHY R. SCHLEY
CPT, MS
Radiation Protection Officer

CHECKLIST OF CRITERIA FOR REVIEW OF STATEMENTS OF INTENT

- ✓ • Copy of evidence indicating that parties signing the financial instrument (for the applicant) are authorized to represent the organization in the transaction.
- ✓ • Evidence that the statement of intent is an originally signed duplicate.
- ✓ • Identification of Federal, State, or local government licensee.
- ✓ • Description of facilities for which Statement of Intent provides financial assurance and corresponding decommissioning costs.
- ✓ • Statement that funds for decommissioning will be obtained when necessary.
- ✓ • Recitation of authority to sign the Statement of Intent.
- ✓ • Date.
- ✓ • Names and positions of signatories.
- ✓ • Signatures.


TIMOTHY R. SCHLEY
CPT, MS
Radiation Protection Officer




10 May 1990


MEMORANDUM THRU Chairman, Radiation Control Committee
William Beaumont Army Medical Center
El Paso, TX 79920-5001

FOR Commander, William Beaumont Army Medical Center (WBAMC)

SUBJECT: Statement of Intent, Decommissioning Funding Plan,
Nuclear Regulatory Commission (NRC) License Number 42-05255-07

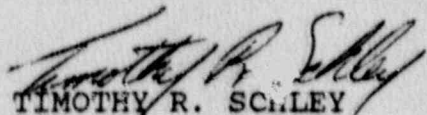
1. Reference, Review of WBAMC's Statement of Intent, dated for 17 May 90, (enclosed).
2. Each of the following reviewers have^s approved subject wordage, understanding that it meets NRC licensing criteria:


KOM F. LOH
MAJ, JA
Judge Advocate General


ALONZO M. ATKINSON, JR.
LTC, MS
Budget Program Analyst

3. POC is the undersigned, 568-7016/4328.

Encl


TIMOTHY R. SCIBLEY
CPT, MS
Chief, Health Physics

CF:
Radiation Control Committee

Encl 5

STATEMENT OF INTENT

DECOMMISSIONING FUNDING PLAN
LICENSE NUMBER 42-05255-07

References:

a. Title 10, Code of Federal Regulations, Part 30, Rules of General Applicability to Domestic Licensing of Byproduct Material, June 30, 1988, Section 30.35, Financial Assurance and Recordkeeping for Decommissioning.

b. U.S. Army TB MED 525, March 10, 1988, Control of Hazards to Health from Ionizing Radiation Used by the Army Medical Department.

c. NUREG-1336, Revision 1, August 1, 1989, Standard Format and Content Guide for Financial Assurance Mechanisms Required for Decommissioning Under 10 CFR 30, 40, 70 and 72.

In accordance with 10 CFR 30.35 (f)(4) and TB MED 525, 2-13d(1), William Beaumont Army Medical Center (WBAMC) will ensure that funds for decommissioning will be obtained when necessary through U.S. Army command channels via the Health Services Command, WBAMC's immediate higher headquarters.

Funds for decommissioning costs will be requested and obtained sufficiently in advance of decommissioning to prevent delay of required activities for any and all WBAMC approved facilities as identified on the current NRC License Number 42-05255-07 (enclosure 1).

The required maximum amount of financial assurance for decommissioning by quantity of material will be \$750,000, as stated in tables of 10 CFR 30.35 (d) (enclosure 2).

Under the provisions of TB MED 525, 1-4e(8) (enclosure 3), I certify that this Statement of Intent is true and correct to the best of my knowledge.

DRAFT
RICHARD PROCTOR
Brigadier General, Medical Corps
Commanding

5 Enclosures

May 17, 1990

DRAFT

HSHM-PMA-RP (385-11m)

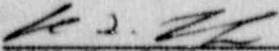
10 May 1990

MEMORANDUM THRU Chairman, Radiation Control Committee
William Beaumont Army Medical Center
El Paso, TX 79920-5001


FOR Commander, William Beaumont Army Medical Center (WBAMC)

SUBJECT: Statement of Intent, Decommissioning Funding Plan,
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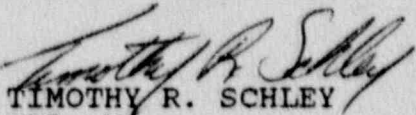
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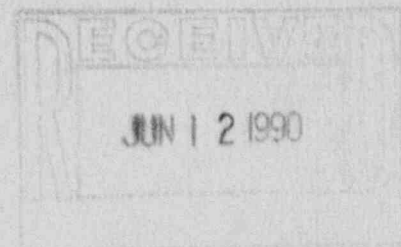
3. POC is the undersigned, 568-7016/4328.

Encl



TIMOTHY R. SCHLEY
CPT, MS
Chief, Health Physics

CF:
Radiation Control Committee



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