

MAY - 4 1994

License No: 08-01738-02
08-01738-03
Docket No: 030-01317
030-06895
Control No: 112749
112748

Department of the Army
Walter Reed Army Medical Center
ATTN: Ronald R. Blanck, Major General
U.S. Army Commander
Office of the Commanding General
Washington, D.C. 20307-5001

Dear Major General Blanck:

Subject: Financial Assurance for Decommissioning

This is in reference to your submittals dated June 21, 1990 and April 14, 1994 to provide financial assurance for License Nos. 08-01738-02 and 08-01738-03. We have reviewed these documents and have no further questions at this time.

Based on the information provided in the above referenced documents, you are presently in compliance with the financial assurance requirements outlined in the decommissioning rule in 10 CFR 30.35.

Please note that an updated decommissioning funding plan, including an actual cost estimate must be submitted along with any application for license renewal.

If you have any questions, please contact Anthony Dimitriadis, of my staff, at (610) 337-6953.

Your cooperation with us is appreciated.

Sincerely,

Original Signed By:
Mohamed M. Shanbaky

Mohamed M. Shanbaky, Chief
Research and Development Section
Division of Radiation Safety
and Safeguards

9406100162 940504
PDR ADOCK 03001317
C PDR

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ML 10

cc:

Department of the Army

Walter Reed Army Medical Center

ATTN: Earl S. Newsome, III
Lieutenant Colonel, U.S. Army
Executive Officer

Executive Office

Washington, D.C. 20307-5001

bcc:

M. Shanbaky, RI

A. Dimitriadis, RI

DRSS:RI
Dimitriadis

04/26/94

DRSS:RI
Shanbaky

04/26/94

NOTE TO DMB:

THE ATTACHED DOCUMENTS ARE TO BE PROCESSED AS ONE FINANCIAL ASSURANCE FOR DECOMMISSIONING PACKAGE.

LICENSE NUMBER: 08-0173802

DOCKET NUMBER: 030-01317

CONTROL NUMBER: 112749

THIS SHEET MAY BE DISCARDED AFTER PROCESSING.

THANK YOU!



REPLY TO
ATTENTION OF

Executive Office

DEPARTMENT OF THE ARMY
WALTER REED ARMY MEDICAL CENTER
WASHINGTON, D.C. 20307-5001

April 14, 1994

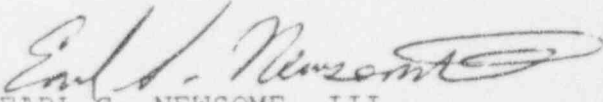
08-01738-02
030-01317
MS-16
K8



U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

Dear Sir:

The Decommission Funding Plan and Statement of Intent to provide funds for the eventual decommissioning of Walter Reed Army Medical Center's Nuclear Regulatory Commission Licenses are provided as enclosures 1 and 2, respectively.


EARL S. NEWSOME, III
Lieutenant Colonel, U.S. Army
Executive Officer

Enclosures

Copies Furnished:

Headquarters, Department of the Army, Office of The Surgeon
General, ATTN: SGPS-PSP-E
Headquarters, U.S. Army Health Services Command, ATTN: HSCL-P

112749
APR 18 1994

DECOMMISSIONING PLAN
WALTER REED ARMY MEDICAL CENTER

1. Basic Assumptions.

a. References:

(1) Nuclear Regulatory Commission Guide 3.66, 1 June 1990, "Standard Format and Content of Financial Assurance Mechanisms Required for Decommissioning Under 10 CFR Parts 30, 40, 70, and 72.

(2) NUREG/CR-1754, 1 February 1981, "Technology, Safety, and Costs of Decommissioning Reference Non-Fuel Cycle Nuclear Facilities".

b. Reference 2 provides an example of a reference facility that is a suitable model for WRAMC and WRAIR:

(1) The facility includes 5 work areas and includes an animal lab, radioisotope room, equipment room, counting room, and office. The area also includes rest rooms and hallways.

(2) The example determined estimated manpower requirements and costs for decommissioning this reference facility.

(3) Costs listed in this example were in 1978 dollars.

c. We used the referenced facility as a model and followed the approach in Reference 2 with the following adjustments to account for WRAMC and WRAIR's actual situation:

(1) We expanded the floor space by a factor of 100 to account the actual dimensions of all WRAMC and WRAIR labs and use areas.

(2) We adjusted the costs using 1994 dollars, to include overhead, and waste costs provided by the AMC radioactive waste disposal office.

2. Cost Estimate.

a. Planning and preparation of the facility and site for decommissioning. This includes 7,000 person-days in preparing documentation, performing radiological surveys, and work plan development: \$ 1,497,000.

b. Decontamination and dismantling of radioactive facility components: This includes a total of 15,400 person-days of work

DECOMMISSIONING PLAN
WALTER REED ARMY MEDICAL CENTER

in decontaminating fume hoods, lab benches, sink and drain lines, ductwork, other components, ceilings, walls, and floors:
\$ 3,992,000.

2. Cost Estimate (Continued):

c. Final survey (3,600 person-days): \$ 649,600.
d. 25 % Cost contingency (mandatory): \$ 1,534,700.

e. Waste disposal: We assumed all major equipment would be decontaminated rather than shipped as waste and all decontamination liquids would be low enough in activity to allow discharge in the sanitary sewer. Assuming 4,200 drums (55 gallons each) of trash would be shipped at 85 drums per truckload, the transportation costs would be \$ 51,750. Container costs equal \$ 210,000. Burial costs equal \$ 9,860,000 (\$ 313 per cubic foot or \$ 2,350 per drum). The three irradiators we possess would be \$ 100,000 each to ship as waste.

Total waste cost: \$ 10,400,000.

f. 25 % Waste Contingency: \$ 2,600,000.

TOTAL COST FOR DECOMMISSIONING WRAMC AND WRAIR: \$ 20,673,300.

3. The method of assuring funds for decommissioning is by providing a Statement of Intent in accordance with 10 CFR 30.35(f) (4).

4. Adjusting cost estimates and associated funding levels will be by reanalysis upon occasion of each license renewal.



DEPARTMENT OF THE ARMY
WALTER REED ARMY MEDICAL CENTER
WASHINGTON, D.C. 20307-5001



April 14, 1994

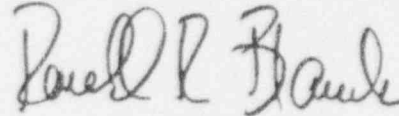
REPLY TO
ATTENTION OF
Office of the
Commanding General

STATEMENT OF INTENT

1. I, Ronald R. Blanck, Commander of Walter Reed Army Medical Center, am the official, duly appointed by the Headquarters, Department of the Army, to represent my organization.
2. I submit this Statement of Intent for the following Nuclear Regulatory Commission Licenses:
 - a. License Number 08-01738-02, expiration date 30 April 1993 (Renewal application submitted on 21 January 1993).
 - b. License Number 08-01738-03, expiration date 30 November 1996.
3. The facilities included under this Statement of Intent are:
 - a. Walter Reed Army Medical Center, Washington, District of Columbia.
 - b. Walter Reed Army Institute of Research, Washington, District of Columbia.
 - c. Armed Forces Institute of Pathology, Washington, District of Columbia.
 - d. Walter Reed Army Medical Center, Forest Glen Section and Annex, Silver Spring, Maryland.
 - e. Walter Reed Army Medical Center, Department of Pathology, U.S. Army Medical Laboratory, Fort Meade, Maryland.
 - f. Walter Reed Army Institute of Research, Animal Holding Facility, Fort Meade, Maryland.
 - g. Walter Reed Army Medical Center, Andrew Rader Army Health Clinic, Fort Myer, Virginia.
 - h. Walter Reed Army Institute of Research, Rickman Building, 13 Taft Court, Rockville, Maryland.
 - i. U.S. Army Institute of Dental Research Facility, Fort Meade, Maryland.

4. Based upon our Decommissioning Funding Plan, compiled IAW Nuclear Regulatory Commission guidance, we currently estimate our total decommissioning cost to be \$ 20,673,000.

5. As Commanding General of Walter Reed Army Medical Center and designated licensee of our NRC Licenses, I am providing this written assurance that sufficient funds for decommissioning will be secured when necessary for the eventual decommissioning of our licenses.



RONALD R. BLANCK
Major General, U.S. Army
Commander

JAN 26 1994

License Nos. 08-01738-02
08-01738-03
Docket Nos. 030-01317
030-06895
Control Nos. 112749
112748

Department of the Army
Walter Reed Army Medical Center
ATTN: Llewellyn E. Piper
Lieutenant Colonel, U.S. Army
Executive Officer
Washington, DC 20307-5001

Dear Colonel Piper:

Subject: Financial Assurance for Decommissioning

This is in reference to your submittal dated June 21, 1990 to provide financial assurance for License Nos. 08-01738-02 and 08-01738-03. We have reviewed your submittal and request you to modify these documents to address the specific issues listed below:

1. **Submit a Decommissioning Funding Plan (DFP) and actual cost estimate.**

10 CFR 30.35 requires licensees to submit certification for financial assurance for decommissioning purposes. However, 10 CFR 30.35(c)(2) requires licensees to submit a decommissioning fund plan (DFP), including an actual estimate of the cost to decommission facilities, in any application for license renewal. Since your application for renewal for License No. 08-01738-02 is under consideration, a DFP is now required. Submit a DFP and include a more detailed cost estimate to decommission your facilities. The cost estimate should include all information necessary to complete Appendix F of Regulatory Guide 3.66 (copy enclosed). The enclosed NUREG/CR-1754, Addendum 1 may be helpful in preparing your cost estimate.

"OFFICIAL RECORD COPY"

2. **Provide additional detail in the cost estimate and account for the costs of planning, preparation and conducting a final radiation survey.**

Your submittal breaks down the total decommissioning cost for the facility into four major areas of activity: (1) Planning and preparation; (2) Decontamination and dismantling; (3) Packaging, shipment and disposal of radioactive waste; and (4) Final radiation survey.

However, you submitted a cost estimate of zero dollars for all activities except packaging, shipment, and disposal of radioactive wastes. You stated that all other activities "will be performed by active duty military personnel and Department of the Army Civilians," who are assigned to the Medical Center.

The fact that your employees will perform decommissioning activities does not guarantee that you will have funds available to pay for these activities. The financial assurance requirements in 10 CFR 30.35 are intended to protect (in part) against the possible financial default of the licensee. Therefore, even if a licensee is expected to conduct decommissioning activities without incurring additional costs, the NRC would have to obtain funds to pay a third party to decommission the facility in the event that the licensee became unable or unwilling to conduct the activities. The current submittal does not assume all decommissioning costs. Regulatory Guide 3.66 "Standard Format and Content of Financial Assurance Mechanisms Required for Decommissioning Under 10 CFR Parts 30, 40, 70 and 72" June 1990, (copy enclosed), recommends that decommissioning cost estimates include the costs of planning and preparation of the facility for decommissioning and the costs of conducting a final radiation survey (see pages 1-9). You submitted cost estimates of zero dollars for all items except item (3). In your response, account for these costs, thereby demonstrating your ability to complete all major decommissioning activities.

3. **Incorporate a contingency factor into the total decommissioning cost estimate.**

Apparently, you have not made any allowance in the cost estimate for contingencies. Regulatory Guide 3.66 recommends that a contingency factor be included in the decommissioning cost estimate. Incorporating a contingency factor in the cost estimate will help to ensure that licensees are prepared for unexpected circumstances that could raise decommissioning costs. NUREG/CR-1754, (copy enclosed), uses a contingency factor of 25 percent in its cost estimates for each of six reference laboratories. Please incorporate a contingency factor of 25 percent into the decommissioning cost estimate. You may choose to use a lower contingency factor if you can show why a lower factor is appropriate.

4. **Provide evidence that the manufacturer will accept return of irradiators.**

You stated that you would return the five irradiators to the manufacturer at a cost of \$10,000 per irradiator for shipping. However, you submitted no evidence that the manufacturer would accept the returned irradiators. Please submit either a letter from the manufacturer stating that it will accept the return of your irradiators should your facility require decommissioning, or an estimate of disposal costs to a licensed waste disposal site.

5. **Provide a Statement of Intent specifying the amount of the funds to be requested and obtained.**

Although you provided us with a Statement of Intent attached to your letter dated June 21, 1990, you have not indicated the amount of funds which will be requested and obtained to carry out the required activities described in your decommissioning funding plan.

The purpose of the Statement of Intent is to ensure that, early in the life of the licensed facility, government licensees make their funding bodies aware of decommissioning requirements, costs and the eventual need for funding.

Please submit a Statement of Intent specifying the license number, and the amount of funds to be requested and obtained in order to carry out the decommissioning activities. Please be sure to submit an originally signed document including a description of the facilities for which the Statement of Intent provides financial assurance and specify the corresponding decommissioning costs.

Satisfactory financial assurance is required for your license. Therefore, we request that you respond within 30 calendar days of the date of this letter. Please reply in duplicate to my attention at the Region I office and refer to Mail Control No. 112749/112748.

If you have any questions regarding this letter, please contact Anthony Dimitriadis of my staff at (215) 337-6953.

Sincerely,

Original Signed By:
Mohamed M. Shanbaky

Mohamed M. Shanbaky, Chief
Research and Development Section
Division of Radiation Safety and
Safeguards

"OFFICIAL RECORD COPY"

Department of the Army

4

Enclosures:

1. Regulatory Guide 3.66
2. NUREG/CR-1754
3. NUREG/CR-1754, Addendum 1

bcc:

M. Shanbaky, RI
A. Dimitriadis, RI

DRSS:RI
Dimitriadis/gc

12/16/93

DRSS:RI
Shanbaky

12/20/93

"OFFICIAL RECORD COPY"

LIST OF INSTRUCTIONS

DEPARTMENT OF THE ARMY - WALTER REED

In reviewing the comments the reviewer will note that there will be some overlap between ICF and OGC comments. The following comments should be included in the basis for the deficiency letter:

1. ICF comment 1 plus last paragraph.
2. All OGC comments.

All other comments and discussions are for reviewer information.

February 6, 1991

Note to: Louis Bykoski, NMSS/LLWM

From: Mike Finkelstein, OGC/R&FC

Re: Review of ICF Comments in 5th Package dated 1/7/91

For each of the submittals listed below, the regional reviewers must verify that the document is a signed copy of the original and duly notarized.

Unless otherwise stated, the ICF comments and recommendations are correct and should be implemented.

Department of the Army, Walter Reed Army Medical Center
(DFP, Statement of Intent)

The licensee should adopt Appendix F to the Reg. Guide to demonstrate that it has provided reasonable cost estimates for *all major decommissioning activities*. ICF's assumption on restoration, stabilization & surveillance is again premature. The regional reviewer should verify the validity of this assumption.

Proof that the irradiator manufacturer guarantees to accept the return of the licensee's irradiators should be submitted with the package. The Statement of Intent itself is acceptable.



ICF INCORPORATED

December 21, 1990

To: Dr. Lou Bykoski, NMSS/NRC

From: Greg Currey, John Collier, and Michael Berg, ICF Incorporated

Subject: Review of Statement of Intent Submitted by the Department of the Army, Walter Reed Army Medical Center

The U.S. Department of the Army in Washington, D.C. submitted a statement of intent for \$50,000 to cover decommissioning costs for licenses 08-01738-02 and 08-01738-03, issued under 10 CFR Part 30. These licenses apparently cover Army medical facilities across Maryland, Virginia, and the District of Columbia. The Commander of Walter Reed Army Medical Center signed the statement, which stated that he was appointed by the Headquarters, Department of the Army to represent his organization. Upon reviewing this submission, ICF recommends that NRC Region I either:

- Accept the Submission if the Cost Estimate is Acceptable, or Require Additional Detail in the Cost Estimate

The licensee states that its decommissioning plan includes (1) planning and preparation of the facility for decommissioning; (2) decontamination and dismantling of radioactive facility components; (3) packaging, shipment, and disposal of radioactive wastes; and (4) a final radiation survey.¹ However, the licensee submitted a cost estimate of zero dollars for all activities except packaging, shipment, and disposal of radioactive wastes. The licensee stated that all other activities "will be performed by active duty military personnel and Department of the Army Civilians," who are assigned to the medical center.

The fact that the licensee's employees will perform decommissioning activities does not guarantee that the licensee will have funds available to pay for these activities. The financial assurance requirements of 10 CFR 30.35 are intended to protect (in part) against the possible financial default of the licensee. Therefore, even if a licensee is expected to conduct decommissioning activities without incurring additional costs, NRC would have to obtain funds to pay a third party to decommission the facility in the event

¹ ICF assumes that the licensee does not need to restore contaminated areas on facility grounds, stabilize the site, or perform long-term surveillance to properly decommission its facility because the licensee did not identify the need to conduct such activities in its decommissioning funding plan.

that the licensee became unable or unwilling to conduct the activities. Although default seems unlikely in the case of this licensee, the current submission does not assure all decommissioning costs.

ICF recommends that NRC either accept the submission (because the probability that the licensee will default on its unquantified decommissioning obligations is very small), or require the licensee to use or adapt the "Cost Estimating Tables" in Appendix F of the draft *Regulatory Guide "Standard Format and Content of Financial Assurance Mechanisms Required for Decommissioning Under 10 CFR Parts 30, 40, 70, and 72,"* January 1990, to demonstrate that it has provided reasonable cost estimates for all major decommissioning activities. In the latter case, the licensee should incorporate a contingency factor of 25 percent into its estimate², and should clarify that it has not included in its cost estimate credit for any salvage value that may be realized with the sale of potential assets after decommissioning (see page 1-13 of the draft *Regulatory Guide*).

Other Issues

The licensee stated that it would return its five irradiators to the manufacturer at a cost of \$10,000 per irradiator for shipping. However, it submitted no evidence that the manufacturer would accept the returned irradiators. NRC may wish to request that the licensee submit a letter from the manufacturer guaranteeing that it will accept the return of the licensee's irradiators should the licensee's facility require decommissioning.

Finally, NRC should ensure that the statement of intent submitted by the licensee is an originally signed duplicate, as recommended in NRC's draft *Regulatory Guide*. Because ICF does not possess the original submissions, we cannot verify compliance with this requirement.

attachments

² Use of a contingency factor of 25 percent is consistent with the cost estimates for each of six reference laboratories included in NUREG/CR-1754, Addendum 1, Technology, Safety and Costs of Decommissioning Reference Non-Fuel-Cycle Nuclear Facilities: Compendium of Current Information, Pacific Northwest Laboratory, October 1989.

REVIEW OF DECOMMISSIONING FUNDING PLAN (DFP)

Name of company or institution:

Walter Reed Army Medical Center

Number of licenses and applicable regulations:

<u>2</u>	10 CFR Part 30
_____	10 CFR Part 40
_____	10 CFR Part 70
_____	10 CFR Part 72

Isotopes handled and possession limits (specify units):

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Total cost estimate for licenses listed above:

\$ 50,000.00

General comments on DFP:

CHECKLIST FOR REVIEWING DECOMMISSIONING FUNDING PLANS (DFP's)

QUESTIONS

COMMENTS

<p>(1) Does the licensee provide supporting documentation for its cost estimates?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>(2) Does the licensee use the Appendix F "Cost Estimating Tables?"</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>(3) Does the cost estimate include the following major cost elements?</p>	
<p>(i) Planning and Preparation?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Included, but cost estimate is zero.</p>
<p>(ii) Decontamination and/or Dismantling of Radioactive Facility Components?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>(iii) Packaging, Shipping, and Disposal of Radioactive Wastes?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>(iv) Restoration of Contaminated Areas on Facility Grounds?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA</p>	<p>Assumed not applicable because licensee does not mention activity or related costs.</p>
<p>(v) Final Radiation Survey?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Included, but cost estimate is zero.</p>
<p>(vi) Site Stabilization, Long-Term Surveillance?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA</p>	<p>Assumed not applicable because licensee does not mention activity or related costs.</p>

CHECKLIST FOR REVIEWING DFP's (continued)

QUESTIONS

COMMENTS

<p>(4) Is the total cost estimate reasonable for the type(s) and size(s) of facility licensed?</p> <p> <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Sure </p>	<p>Information is needed on size of facility and number of components to be decommissioned</p> <p>LICENSEE SHOULD SUBMIT LETTER FROM MANUFACTURER GUARANTEEING THAT IT WILL ACCEPT RETURN OF FIVE IRADIATORS</p>
<p>(5) Are the cost estimates for individual facility activities and/or components reasonable?</p> <p> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Sure </p>	<p>Labor costs for all activities should be included in estimate.</p> <p>Shipping costs for 5 irradiators are only costs included in estimate.</p> <p>Estimate should include costs of equipment and supplies needed for decommissioning, amounts of waste generated by decontamination activities, transportation and disposal costs for these wastes.</p>

CHECKLIST FOR REVIEWING DFP's (continued)

QUESTIONS

COMMENTS

<p>(6) Do the computations seem correct?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>(7) Does the licensee take credit for the potential salvage value of recovered materials or decontaminated equipment?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Licensee does not mention Salvage value.</p>
<p>(8) Does the licensee include a contingency factor in the cost estimate?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Licensee does not mention contingency factor.</p>
<p>(9) Does the licensee provide a description of the methods that will be used to adjust the decommissioning cost estimate periodically over the life of the facility?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Method of adjusting cost estimates will be by re analysis upon the occasion of each license renewal.</p>

License # 08-01738-02
08-01738-03

APPENDIX A
CHECKLIST FOR DECOMMISSIONING FINANCIAL ASSURANCE

NAME OF LICENSEE OR APPLICANT

MAILING ADDRESS

Department of the Army

Walter Reed Army Medical Center

Washington, DC 20307-5001

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. June 29, 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) \$50,000

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

APPENDIX E

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

EXHIBIT 3-9

CHECKLIST OF CRITERIA FOR REVIEW OF STATEMENTS OF INTENT

~~NO~~
NO

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.



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
WALTER REED ARMY MEDICAL CENTER
WASHINGTON, D.C. 20307-5001
June 21, 1990

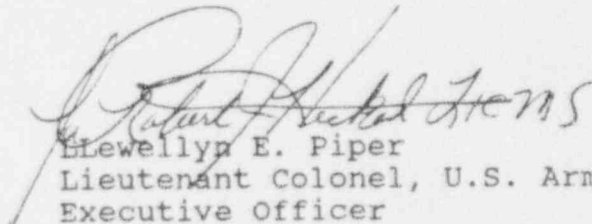
030-01317
08-01738-02

Executive Office

U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, Pennsylvania 19406

Dear Sir:

The Decommissioning Plan and Statement of Intent to provide funds for the eventual decommissioning of Walter Reed Army Medical Center's Nuclear Regulatory Commission Licenses are provided at enclosures 1 and 2.


E. Piper
Lieutenant Colonel, U.S. Army
Executive Officer

Enclosures

Copies Furnished:

Headquarters, Department of the Army, Office of The Surgeon General
Headquarters, U.S. Army Health Services Command

FEE EXEMPT

112749

JUN 29 1990

OFFICIAL RECORD COPY ML 10

DECOMMISSIONING PLAN
for
Walter Reed Army Medical Center

1. Cost Estimate.

- a. Planning and preparation of the facility and site for decommissioning. \$00.00

All planning and preparation will be performed by active duty military personnel and Department of the Army Civilians, who are assigned to Walter Reed Army Medical Center. All activities will be performed as a part of routine operations; no specific additional funds will be required.

- b. Decontamination and dismantling of radioactive facility components. \$00.00

All decontamination and dismantling will be performed by active duty military personnel and Department of the Army Civilians, who are assigned to Walter Reed Army Medical Center. All activities will be performed as a part of routine operations; no specific additional funds will be required.

- c. Packaging, shipment, and disposal of radioactive wastes. \$50,000.00

The US Army Material Command contracts with Chem-Nuclear for the disposal of all radioactive wastes for all US Army users of byproduct materials; no cost is born by any individual user. WRAMC's five irradiators could be processed by Chem-Nuclear, but it would be more cost-efficient for the Army, at large, for them to be returned to their manufacturers for recycling. In this case, WRAMC would have to fund \$10,000.00 shipping costs per irradiator. (WRAMC recently purchased an irradiator; \$10,000.00 shipping costs were included.)

- d. A final radiation survey. \$00.00

All final surveys would be performed by active duty military personnel and Department of the Army Civilians, assigned to Walter Reed Army Medical Center. All activities would be performed as a part of routine operations; no specific additional funds would be required.

TOTAL \$50,000.00

DECOMMISSIONING PLAN
for
Walter Reed Army Medical Center
(continued)

2. The method of assuring funds for decommissioning would be by Statement of Intent as is allowed by 10CFR30.35(f)(4).
3. The method of adjusting cost estimates and associated funding levels will be by reanalysis upon the occasion of each licenses renewal.



REPLY TO
ATTENTION OF

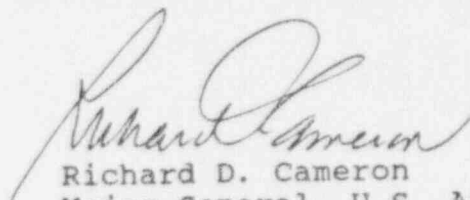
DEPARTMENT OF THE ARMY
WALTER REED ARMY MEDICAL CENTER
WASHINGTON, D.C. 20307-5001

Office of The
Commanding General

STATEMENT OF INTENT

1. I, Richard D. Cameron, Commander of Walter Reed Army Medical Center, am the Official duly appointed by the Headquarters, Department of the Army to represent my organization.
2. The Nuclear Regulatory Commission Licenses for which this Statement of Intent is being issued are:
 - (a) License Number 08-01738-02 (expiration date 30 Apr 93)
 - (b) License Number 08-01738-03 (expiration date 31 May 91)
3. The facilities for which this Statement of Intent is being issued are:
 - (a) Walter Reed Army Medical Center, Washington, District of Columbia;
 - (b) Walter Reed Army Medical Center Forest Glen Section and Annex, Silver Spring, Maryland;
 - (c) Walter Reed Army Medical Center, Department of Pathology, Fort Meade, Maryland (U.S. Army Medical Laboratory)
 - (d) Walter Reed Army Medical Center, Andrew Rader Army Health Clinic, Fort Myer, Virginia;
 - (e) Walter Reed Army Institute of Research, Animal Holding Facility, Fort Meade, Maryland;
 - (f) Walter Reed Army Institute of Research, Rickman Building, 13 Taft Court, Rockville, Maryland;
 - (g) Walter Reed Army Institute of Research, West Research Center, 9620 Medical Center Drive, Rockville, Maryland;
 - (h) U.S. Army Medical Research Institute for Infectious Diseases, Fort Detrick, Frederick, Maryland; and
 - (i) U.S. Army Institute of Dental Research Facility, Fort Meade, Maryland.

4. In accordance with the requirements of 10 CFR 30.35, and in my capacity as the Commander of Walter Reed Army Medical Center, I am providing assurance that sufficient funds for decommissioning will be obtained when necessary for the eventual decommissioning of WRAMC's NRC Licenses.



Richard D. Cameron
Major General, U.S. Army
Commander

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 02110
STATUS CODE: 0
FEE CATEGORY: 6X 3M
EXP. DATE: 19930430
FEE COMMENTS:

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: ARMY, DEPARTMENT OF THE
RECEIVED DATE: 900629
DOCKRT NO: 3001317
CONTROL NO.: 112749
LICENSE NO.: 08-01738-02
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: \$0
CHECK NO.: *[Handwritten]*

3. COMMENTS

SIGNED *[Signature]*
DATE *[7-27-90]*

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED /_/_/)

1. FEE CATEGORY AND AMOUNT:

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:
AMENDMENT

3. OTHER

SIGNED