

Mid-Pacific
Medical
Physics

53-03506-02

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NRG
REGION V
030-08851

89 JUL 24 9:45

July 21, 1989

B. A. Riedlinger
Health Physicist (Licensing)
Materials Radiation Protection
Inspection & Licensing Section
U.S. Nuclear Regulatory Commission
Region V
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596

RECEIVED
89 JUL 31 10:26
U.S. NUCLEAR REGULATORY COMMISSION
REGION V

Dear Ms. Riedlinger:

Enclosed please find a Certificate of Disposition of Materials, Service Record (of source dismantling/packaging), and Decommissioning Report. This material is in connection with the transfer of the Hilo Hospital teletherapy Cobalt source to X-Ray Equipment Company (License No. L01485 (TX)). The 241 form was duly recorded in Region IV per telephone conversation with C. Cain (Region IV), B. Thomad and yourself - with me.

We would appreciate an expeditious processing of this request as Hilo Hospital awaits your approval in order to begin renovation in the area. I will be at a meeting on the Mainland thru July 28. By the time you read this however I will have contact you by phone to let you know it's coming.

Thank you.

Sincerely,

Don Tolbert
Don Tolbert, Ph.D.

9002070296 890728
REGS LIC30
53-03506-02 PDR

DDT:cmt
Enclosure
cc: Herb Sagawa, Assistant Administrator
James Lambeth, M.D., RSO
Scott Mestman
Ben Rosete

FREE EXEMPT

170.11010

RECEIVED
7/31/89
James Lambeth
Date Completed 7/31/89

222 North School Street, Suite 302
Honolulu, Hawaii 96817
(808) 536-2774

71017

DECOMMISSIONING SURVEY REPORT

Preface

The following is a report of a decommissioning effort on behalf of NRC License No. 53-03506-02. The premises is the room previously referred to as the Cobalt Room at Hilo Hospital, 1190 Waiianuenue Avenue, Hilo, HI 96720. See Figure 1 for detailed floor plan of the premises.

Scope and Procedure of Survey and Wipe Tests

The premises were surveyed on July 20, 1989. An Eberline survey meter (Model No. E-520, Serial No. 3375) with a Pancake Probe (Model No. HP-260) was used for the survey of the facility. The efficiency of this instrument is 0.1%. The instrument was last calibrated on 9/3/88. The criteria used is that specified in the July 1982 issue of "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of License for By-Product, Source, or Special Nuclear Material."

All floor surfaces and fixtures, such as shelves, door handle, and electrical outlets were surveyed. Wipe specimens were taken in 8 locations. Wipes were taken with 2.3 cm circles of medium weight filter paper. The wipes were made over 100 sq. cm. area using moderate pressure. Wipes were taken of the floor area. The locations of the wipes are indicated on Figure 1. The circled numbers are the locations of the wipes. The wipes were counted in a Nuclear Chicago scintillation well and Canberra multi-channel analyzer. All wipes were counted at Co-60 setting. Wipe sample taken of the Co-60 casing of the teletherapy unit showed less than 0.001 μ Ci.

Summary of the Findings of the Survey and Wipe Tests

No readings above the background level of 30 cpm were detected during the survey. No wipe test count exceeded 200 net dpm/100 sq. cm. at Co-60 setting.

Conclusion

No evidence of fixed or removable contamination was detected.

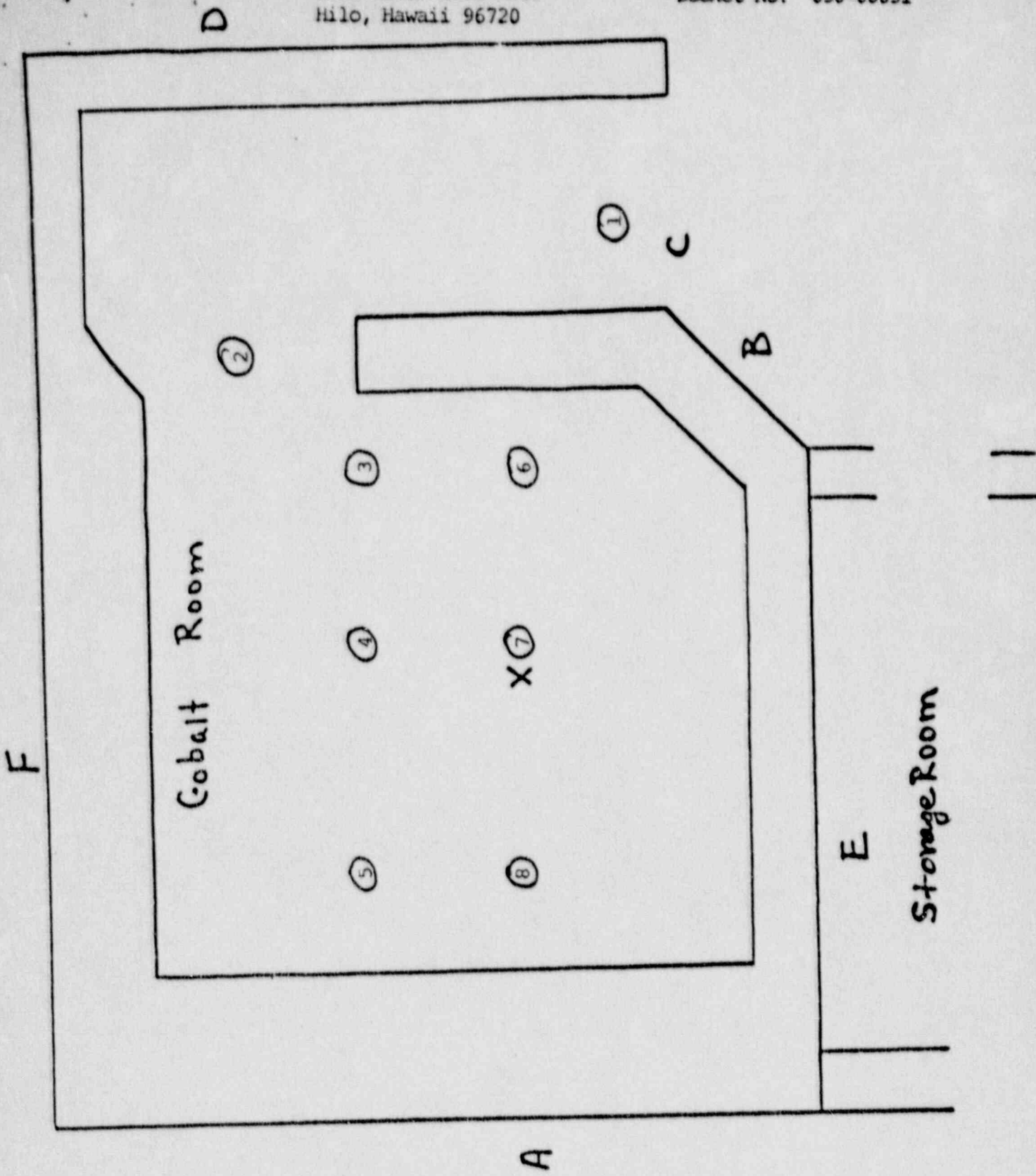


Figure 1

CERTIFICATE OF DISPOSITION OF MATERIALS

(All items MUST be completed, please print)

| | |
|--|---|
| LICENSEE NAME AND ADDRESS Hilo Hospital 1190 Waiianuenu Avenue Hilo, HI 96720 | LICENSE NUMBER 53-03506-02 |
| | LICENSE EXPIRATION DATE March 31, 1989 |

THE LICENSEE OR ANY INDIVIDUAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE LICENSEE CERTIFIES THAT: (Check and/or complete the appropriate items) below.)

A. MATERIALS DATA (Check one and complete, as necessary)

1. NO MATERIALS HAVE EVER BEEN POSSESSED OR PROCURED BY THE LICENSEE UNDER THIS LICENSE.

OR

2. ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSEE UNDER THE LICENSE NUMBER CITED ABOVE HAVE BEEN TRANSFERRED ON

| | | |
|---------------------------|--|---|
| DATE July 20, 1989 | TO X-Ray Equipment Co. (Exp. Date 8/31/89) 2601 Luselle Street; P.O. Box 2431 Fort Worth, TX 76113-2431 | WHICH HAS NRC LICENSE NUMBER L01485 (TX) |
|---------------------------|--|---|

OR

3. ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSEE UNDER THE LICENSE NUMBER CITED ABOVE HAVE BEEN TRANSFERRED ON

| | | | |
|------|----|--------------------------|------------------------|
| DATE | TO | WHICH HAS LICENSE NUMBER | ISSUED BY THE STATE OF |
| | | | |

AN AGREEMENT STATE PURSUANT TO SECTION 274 OF THE ATOMIC ENERGY ACT OF 1954, AS AMENDED, AND THE ENERGY REORGANIZATION ACT OF 1974.

MATERIALS HAVE BEEN DISPOSED OF IN THE FOLLOWING MANNER. (Describe specific disposal procedures--if additional space is needed, use the reverse of this form, or provide attachments)

BAR per telecon with Don Tolbert on 7/26/89

B. OTHER DATA

1. OUR LICENSE HAS NOT YET EXPIRED, PLEASE TERMINATE IT.

2. WAS A RADIATION SURVEY CONDUCTED TO CONFIRM THE ABSENCE OF LICENSED RADIOACTIVE MATERIALS AND TO DETERMINE WHETHER ANY CONTAMINATION REMAINS ON THE PREMISES COVERED BY THE LICENSE? (Check one)

NO

YES, THE RESULTS (Check one)

ARE ATTACHED, OR

WERE FORWARDED TO NRC ON (Date)

3. THE PERSON TO BE CONTACTED REGARDING THE INFORMATION PROVIDED ON THIS FORM

| | |
|--|--|
| NAME Don Tolbert, Ph.D., C.R.P. | TELEPHONE NUMBER (808) 536-2774 |
|--|--|

4. MAIL ALL FUTURE CORRESPONDENCE REGARDING THIS LICENSE TO

Cease mailing it.

| | |
|--|--|
| MAIL TO: UNITED STATES NUCLEAR REGULATORY COMMISSION REGION V SUITE 210 1450 MARIA LANE WALNUT CREEK, CA 94598 | CERTIFYING OFFICIAL SIGNATURE <i>Herbert A. Segawa</i> PRINTED NAME AND TITLE HERBERT A. SEGAWA, ASST. TO Administrator DATE 7/20/89 |
|--|--|

X-RAY EQUIPMENT COMPANY

P.O. Box 2431
Fort Worth, Texas 76113-2431
(817) 429-5099

THIS IS TO CERTIFY THAT A COBALT-60 SOURCE:

MODEL NUMBER: AMS-3802
SERIAL NUMBER: AMS-2490
CONTAINING 4674 CURIES AS OF 5/1/83

AND WHICH HAS BEEN DETERMINED BY WIPE TEST TO BE LEAK FREE, HAS BEEN REMOVED FROM A TELETHERAPY UNIT DESCRIBED AS FOLLOWS:

MANUFACTURER: Pickon
MODEL NUMBER: V-9
SERIAL NUMBER:

AND IS HEREBY TRANSFERRED FROM:

H. Co Hospital
1190 Waiannene Ave
H. Co, Hawaii

LICENSE NUMBER: 53-03506-02

TO: X-RAY EQUIPMENT COMPANY
P.O. BOX 2431
FORT WORTH, TEXAS 76113-2431 TX. R.A.M. LICENSE #TX-5-1485

[Signature]
for Administrator
DATE: 7/20/89

[Signature]
X-Ray Equip Co.
DATE: 7/20/89

Maurice Messner

JUL 28 1989

4503 MNBB

Docket No. : 030-08851
License No.: 53-03506-02
Control No.: 71017

Hilo Hospital
Radiology Department
1190 Waiianuenu Avenue
Hilo, Hawaii 96720

Attention: Mr. Fred Horowitz
Acting Administrator

Gentlemen:

Enclosed is the termination amendment which you requested in your Form NRC-314 dated July 20, 1989 and letter dated July 21.

Sincerely,

original signed

Beth A. Riedinger
Health Physicist (Licensing)
Nuclear Materials Safety Section

Enclosure: As Stated

ML50

JUL 28 1989

Distribution

bcc w/original concurrence, copy of license, and original correspondence:
License docket folder (Peggy)

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Inspection folder (Peggy)

bcc w/correspondence and 2 copies of license:
Maurice Messier, LFMB, MNBB 4503

bcc w/copy of license:
Reading file (Frances)

license only:
State of Hawaii

F. Browne *FB*
7/28/89

J. Montgomery *JM*

D. Skov *DS*

3072
B. Riedlinger
7/28/89

| | | | | |
|-------------------|-------------------|-------------------|-------------------|-------------------|
| REQUEST COPY] | REQUEST COPY] | REQUEST COPY] | REQUEST COPY] | REQUEST COPY] |
| YES / <u>NO</u>] | YES / <u>NO</u>] | YES / <u>NO</u>] | YES / <u>NO</u>] | YES / <u>NO</u>] |